

UNIVERSITY OF BOMBAY

1980-81

MAHARASHTRA

University of Bombay



Ordinances and Regulations relating to the revised M.A. degree Course under the scheme of Internal and External Assessment introduced from 1980-81

N.B.—Registration as a post-graduate student shall be a condition precedent to the commencement of post-graduate studies.

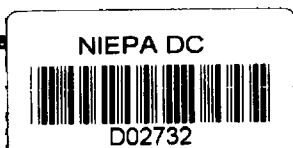
O.2237. A candidate for being eligible for admission to the course leading to the degree of Master of Arts must have passed the examination for the degree of Bachelor of Arts (three year integrated course) of this University or the degree of Bachelor of Arts (old i.e. four year course) of this University or a degree of another University recognised as equivalent thereto.

Provided, however, that applications of graduates of this University in the Faculties other than the Faculty of Arts, or those who have passed the equivalent examination of another recognised University seeking admission to the M.A. degree course by papers, will be considered by the Academic Council on the merits of each individual case, on the recommendation of the Head of the University Department concerned/Chairman of the Board of Studies concerned in the subject in which there is no University Department/Principal of a College where the Post-graduate centre is granted, and in the case of a student seeking admission to the course by research, on the recommendation of the Chairman of the Committee of recognised teachers in the subject concerned. Before recommending such applications, the following procedure shall be followed :—

A written test consisting of 2 papers, as under, shall be administered in the subject in which the student desires to register for his M.A. degree :—

- (i) An essay paper in the subject ;
- (ii) A paper to test the student's general acquaintance with the subject.

N.B.—Candidates shall be
are examined.



rapid reading before they

O.2238. The duration of the course for the degree of Master of Arts shall be two years.

O.2239. No candidate will be permitted to appear for the M.A. Part II examination unless he has taken the Bachelor's degree earlier, in person or in absentia at a Convocation.

O.2240. The examination for the degree of Master of Arts may be taken (i) by papers; or (ii) partly by papers and partly dissertation; or (iii) by research alone as prescribed by the relevant Regulations.

O.2241. The examination by papers for the degree of Master of Arts will be held in two parts viz. Part I and Part II each part consisting of 400 marks. The Part I examination shall be held at the end of the first year and the Part II examination shall be held at the end of the second year. The examination may be taken either (i) as in Scheme 'A' or (ii) as in Scheme 'B', as under :—

*Scheme 'A' **

In Scheme 'A' there shall be a University examination for full marks in each paper in each Part.

*Scheme 'B' **

In Scheme 'B', there shall be, in each paper in each Part, an internal assessment for 60 per cent of the full marks assigned to the paper, and a University examination for the remaining 40 per cent of the marks to be held at the end of the year.

*(Note :—The Regulations relating to the subjects of examination and the syllabus shall be identical for both the schemes unless otherwise provided.)

O.2242. A student shall have the option to choose either of the two schemes referred to above. The option shall be communicated by the student in writing to the Head of the University Department/College/Institution before the commencement of the course for the part concerned. If, however, a student wishes to switch over from Scheme 'B' to Scheme 'A', he will be permitted to do so until he submit his form of application for admission to the examination for the Part I only, and if the student wishes to switch over from Scheme 'A' to Scheme 'B' he will be permitted to do so before the first test or assignment of the first term of the Part I examination. He shall be permitted to appear for the examination only after he satisfies the requirements laid down by the University to qualify for appearing under the scheme concerned.

O.2243. Candidates entering upon the M.A. degree course by papers will have to appear in four papers in each part in which they receive instruction. The papers comprising Part I and Part II of the course, shall be as specified by the relevant regulations.

O.2244. A student shall have to offer for Part II of the examination, that scheme only with which he has passed the Part I examination or appeared and failed in Part I examination or registered for appearing for the Part I examination.

Provided, however, that if a student who has passed the Part I examination with Scheme 'B' desires to appear for Part II examination with Scheme 'A', he shall be permitted to do so subject to his passing Part I examination with Scheme 'A', at an earlier attempt.

O.2245. A student who has satisfactorily kept terms for Part I of the course shall be permitted to keep terms for Part II course notwithstanding that he may not have appeared for the Part I examination or failed thereat. However, no student will be allowed to appear for the Part II examination unless he has passed the Part I examination, previously.

O.2246. A candidate who is declared to have passed Part I of the examination will not be allowed to reappear for the same examination with a view to improving his results.

O.2247. Notwithstanding anything contained in Regulations 1967 and 1968, a student who appears for Part I or Part II of the Master of Arts degree examination and gives a declaration in writing to the University through the Head of the University Department/Principal of the College/Head of the constituent recognized Institution through which he is sent up for the examination, within one week of the close of the examination, to the effect that his result of the Part I or the Part II examination, as the case may be, be considered *null and void* if he does not obtain (a) the percentage of marks laid down for the award of a Second Class at the M.A. degree examination, or (b) at least 55 per cent marks on the aggregate—(which is a requirement at the Masters degree examination laid down by the University Grants Commission for appointment of a teacher), or (c) the percentage of marks laid down for the award of a First Class at the M.A. degree examination, will be declared as failed at the examination for the Part concerned if he does not obtain in the Part (a) the percentage of marks laid down for the award of Second Class or (b) at least 55 per cent marks or (c) the percentage of marks laid down for the award of a First Class at the M.A. degree examination, as the case may be, so as to enable him to improve his performance at the examination.

O.2248. The internal assessment in each paper will be done throughout the year and the distribution of marks in each paper shall be as under :—

- (i) 20 marks for one or more written assignments ;
- (ii) 40 marks for two or more tests including the laboratory test/s where the laboratory test is prescribed.

The entire syllabus prescribed for the respective paper shall be covered in the two or more tests taken together.

The teacher may assess the student in an oral test before assigning the marks to the written work.

O.2249. The internal assessment will ordinarily be done by a teacher/ teachers who teaches the paper.

O.2250. Marks will be assigned to each Internal test/assignment done by a student and the same will be communicated to the student.

O.2251. On an application for review of marks in an Internal test/ assignment being received by the Head of the Department in the subjects in which there are University Departments or by the Chairman of the Committee of recognised Post-graduate teachers in the subjects in which there are no University Departments or by the Principals of the Colleges having a Post-graduate Centre in the subjects concerned, within one week of the date of communication of the marks to the students, the marks may be reviewed by the examiners concerned who have previously assessed his work. Such a review shall be final.

R.1963. In the subjects in which there are University Departments and in the subjects which are taught in Colleges or Institutions having Post-graduate Centres in the subjects concerned, the marks obtained by the students for the Internal work shall be recorded in the Office of the Department/College/ Institution and the marks finally settled by the committee as in **R.1964** below shall be communicated to the Registrar before 15th April, every year.

In the subjects in which there are no University Departments, the marks assigned by the teachers for the Internal work shall be communicated to the Registrar by the Chairman of the Committee of the Post-graduate teachers in the respective subjects immediately after the work has been assessed.

R.1964. At the end of the academic year, a Committee appointed by the Head of the University Department/College/Institution/Chairman of the Committee of recognized Post-graduate teachers, as the case may be, from among the teachers participating in the scheme of instruction and internal

assessment in the subject concerned during the academic year, shall finally settle the marks for the Internal work in the subject.

O.2252. Applications of students who wish to appear for the examination shall be forwarded by the Heads of the University Departments/Principals of the constituent Colleges/Heads of the constituent recognized Institutions irrespective of the marks obtained by them in the Internal assessment.

O.2253. The University examination in each paper, in Scheme 'B' shall carry 40 marks and shall be of 2 hours' duration. The examination shall cover the entire syllabus prescribed for the paper and a wide option of questions shall be provided.

O.2254. A candidate who has once passed the M.A. degree examination with one combination of subjects and is permitted to appear for the said examination again, *under the provisions of the relevant Ordinances*, with the subjects other than those with which he passed the M.A. degree examination earlier, after keeping two terms only, will be permitted to appear simultaneously for Part I and Part II of the M.A. degree examination. A candidate shall not, however, be permitted to appear for Part II of the examination alone unless he has cleared Part I of the examination at an earlier attempt or clears it simultaneously.

O.2255. On a new application being forwarded and a fresh fee paid, a candidate who has already passed the examination for the M.A. degree, may present himself again for the same examination on a subsequent occasion as provided for hereinafter :

- (i) if he has passed in one *branch*, he may appear in another *branch*.
- (ii) if he has passed in any one pair of languages, he may appear in any other pair allowed by the Regulations, provided that each of the languages selected by him on a subsequent occasion is different from the one in which he has passed on a previous occasion.
- (iii) if he has passed with Group (i) of any two branches viz., History, Economics, Sociology and Politics, he may appear with Group (ii) of the same branches.
- (iv) if he has obtained his degree by submitting a thesis in lieu of the whole examination, he may appear by papers in the same or in any other branch.
- (v) if he has obtained his degree by papers or partly by papers and partly by dissertation, he may appear by submitting a thesis in lieu of the whole examination in the same branch or in any other branch wherever it is allowed by Regulations ;
- (vi) if he has passed in one Group of Mathematics, he may appear in the other Group ;

(vii) The teacher candidates from the constituent colleges of this University will be permitted to appear for the M.A. degree examinations in the additional subject/s in the respective branches, without being required to keep additional terms.

A candidate who appears for the examination as provided in clauses (i) to (v) above, will be required to keep four additional terms for the examination under a recognized teacher or teachers in the subject. Provided, however, that a candidate who appears for the examination by papers in the same branch under clause (iv) will be permitted to appear for the examination after keeping two additional terms.

A candidate who appears for the examinations as provided in clause (vi), will be required to keep at least two additional terms under a recognised teacher or teachers in the subject.

Candidates appearing for the examination under the provision of the aforesaid clauses other than clauses (vi) and (vii) will be eligible for the award of a class and to receive a degree, but not for the prizes or scholarship.

Candidates appearing for the examination under the provisions of clause (vi) above, will be eligible for the award of a class but not for University scholarships, prizes or awards. Such candidates will be awarded a certificate instead of a degree.

Provided further, that a candidate appearing for the M.A. examination under the provision of clause (vi) shall be required to offer four papers from the new group in which he desires to appear, provided that these four papers shall include the two compulsory papers for the new group (if not already offered at the previous occasion) and two optional papers which have not been offered previously. If the compulsory papers for the new group had already been offered on the previous occasion, the candidates shall offer four optional papers from the new group which have not been offered on the previous occasion. Such a candidate will be awarded a class on the basis of the aggregate marks in the four papers offered by him from the new group and the compulsory Papers I-IV offered on the previous occasion, taken together.

Candidates passing the examination under Clause (vii) above will be awarded a certificate.

O.2256. Notwithstanding anything contained in O.2255, and subject to the conditions laid down in the Ordinances and Regulations relating to the M.A. (External) degree examination, a candidate who has obtained his degree by research will be permitted to appear for examination by papers, in the same branch as an external candidate. Such a candidate will be permitted to appear for Part I and Part II examination simultaneously after one year from the date of registration.

O.2257. On a new application being forwarded and a fresh fee paid, a candidate who has already passed the examination for the M.A. degree with one of the languages as Principal language and another, as his Subordinate subject may present himself again for the same examination on a subsequent occasion with the language which he had offered as his subordinate language, as his principal language, after keeping two terms only and on his passing thereat, he will be awarded the class to which he will be entitled on the basis of the marks obtained by him in the four papers. Provided, however, that a candidate who offers Linguistics as a Principal subject and appears for the examination under the provision of this Ordinance, will be required to appear in six papers after keeping four terms. Such a candidate will be awarded a certificate instead of a degree.

O.2258. A candidate who has kept terms for the M.A. degree examination with one of the languages as Principal and another as his Subordinate language, will be allowed to interchange his Principal and Subordinate languages and to appear for the examination with the languages so interchanged, after keeping two terms only in the Principal language. Such a candidate will be eligible for the award of a class and to receive a degree but not for prizes or scholarships.

O.2259. A candidate who has already passed the examination for the M.A. degree with one set of languages will be allowed to appear again for the same examination on a subsequent occasion with Linguistics as the Principal subject after keeping four terms. Such a candidate shall be exempted from appearing in the subordinate language with which he has already passed either a Principal or a Subordinate language and on his passing in the six papers in Linguistics, he will be awarded the class to which he will be entitled on the basis of the marks obtained by him in the six papers. A candidate passing the examination in this manner will be awarded a degree, but will not be eligible for the award of prizes, or scholarships.

O.2260. Candidates who have passed the M.A. degree examination of this University either by papers or partly by papers and partly by dissertation with the class mentioned in Column 1 and who desire to improve their class or percentage as shown in Column 2, below will be permitted to appear again for the same examination with the same subject/s without being required to keep any terms within a period of five years following the April or October, examination at which they pass :—

<i>Column 1</i>	<i>Column 2</i>
(a) Pass Class	(a) Second Class or at least 55 per cent marks or First Class.
(b) Second Class	(b) At least 55 per cent marks or First Class.

Candidates appearing under the provisions of this Ordinance will be permitted, at their option, to offer two Subordinate papers in the case of languages only, other than those originally offered by them, without being required to keep fresh terms in the new papers.

If candidates who re-appear for the M.A. degree examination under the provisions of this Ordinance fail to improve their class, or percentage their performance at such re-appearance will be ignored.

O.2261. Teachers who hold the M.A. degree of any other statutory University, in the Pass Class, which is recognized as equivalent to the M.A. degree examination of this University and who are serving in the University of in any of the affiliated colleges or recognized institutions will be permitted to appear at the said examination as external candidates to improve their class percentage subject to the conditions laid down for external candidates and within a period of five years as prescribed in O.2260, from the date of their registration as external students.

If candidates who re-appear for the M.A. degree examination under the provisions of the Ordinance fail to improve their class/percentage, their performance at such re-appearance will be ignored.

1. M.A. by Papers

R.1965. The examination shall comprise the following branches :

- I. Languages
- II. (a) History (Groups *i* and *ii*)
(b) Economics (Groups *i* and *ii*)
(c) Sociology (Groups *i* and *ii*)
(d) Politics (Groups *i* and *ii*)
- III. Philosophy
- IV. Psychology
- V. Mathematics
- VI. Statistics
- VII. Ancient Indian Culture
- VIII. Islamic Studies
- IX. Geography
- X. Rural Development.

R.1966. The combination of subjects permissible under the different branches and the syllabuses for the papers in the different subjects under these branches is given below :—

Syllabi prescribed for various subjects at the revised M.A. degree course.

1. ENGLISH

Part I—Papers II, IV, VI and VII to be studied in 1980-81.

Part II—Papers I, III, V and VIII to be studied in 1981-82.

Subordinate

Paper I—

History of English Literature since 1890 with a special study of six texts to be prescribed by the Board from time to time.

Paper II—

Literary criticism with a special study of the texts to be prescribed by the Board from time to time.

Additional for Principal

Paper III—

Shakespeare and the Elizabethan Dramatists with a detailed study of three plays by Shakespeare and three plays by other Elizabethan Dramatists to be prescribed by the Board from time to time.

The reference to the context question will be set only on the Plays by Shakespeare.

(Candidates will be expected to show knowledge of Shakespearean Scholarship).

Paper IV—

History of English Literature from 1550 to 1700 with a special study of six texts to be prescribed by the Board from time to time.

Paper V—

N.B.—5 questions in all will have to be answered.

2 questions must be answered from each section.

3 The fifth question may be answered from either section.

*Section I***Structure of the English Language****1. Description of English—**

- (a) *Concepts of*: Competence and performance ; creativity as a characteristic of language.
- (b) *Phonology*: Sound system of English : vowels and consonants (articulation and function) ; stress and intonation. Transcription of sounds.
- (c) *Syntax*: Concept of creativity in syntax. Syntagmatic and paradigmatic relations. Syntactic structure of English: words, parts of speech, concord ; phrase structure rules and transformational rules.
- (d) *Stylistics*: Concept of style : traditional and modern approaches. Style in literature : concepts of deviation, creativity, expressiveness in literary language.

2. Varieties of English: Concepts of correctness, grammaticality and acceptability in the following varieties :—

- Standard and non-Standard ;
- Native and non-native ;
- Dialect ;
- Register ;
- Idiolect.

Section II

Form—Tragedy (with three illustrative texts to be prescribed by the Board from time to time).

Alternative to Second Language

1. American Literature and Indo-English Literature including translations of books in Modern Indian Languages.

Paper VI—

History of English Literature from 1700 to 1890 with a special study of six texts to be prescribed by the Board from time to time.

Paper VII—American Literature

Selected authors representing the main periods and major literary forms in American Literature as under :—

1. Three representative authors from the 19th Century, one book each ; Poe, Whitman, Emily Dickinson, Emerson, Thoreau, Hawthorne, Herman Melville, Mark Twain, Henry James.
2. Two representative authors from the early 20th Century, one book each : Gertrude Stein, Theodore Dreiser, Carl Sandburg, Robert Frost, William Carols Williams, O. Henry, Wallance Stevens, Sherwood Anderson, Sinclair Lewis, Eugene O'Neil.
3. Contemporary American Literature—Two texts—(i) Poetry ; (ii) Fiction or Drama.

Poetry : (From a standard anthology).

Fiction ; Fitzgerald ; Hemingway ; Dos Passos ; Steinbeck ; Faulkner ; Thomas Wolfe ; Saul Bellow.

Or

Drama : O'Neil (last period) ; Robert Sherwood ; Elmer Rice ; Thornton Wilder ; Clifford Odets ; Tennessee Williams ; Arthur Miller ; Archibald Macleish.

Background of American Literature : Social and intellectual history.
Literary History.

Paper VIII—*Indo-English Literature* (Including translations of books in Modern Indian Languages).

- Notes* :—(a) Candidates appearing for the M.A. degree examination under Internal External Assessment Scheme and External Assessment Scheme offering English as a branch of study be required to attempt a question on Literary, Historical, Social and Intellectual background in the History of Literature papers *i.e.*, Papers II, III, V and in VII (American Literature) compulsory. Further that the question on 'Form' be made compulsory in Paper VI.
- (b) Questions involving the knowledge of two or more texts may be in the papers at the M.A. degree examination.
- (c) The above named papers are grouped as under for Part I and Part II examinations.

Part I Examination--from 1981

Paper II, IV, VI and VII.

Part II Examination--from 1982

Papers I, III, V and VIII.

2. ENGLISH LANGUAGE TEACHING*

Alternative to Second Language

Paper VII—Teaching English as a Second Language.

Paper VIII—*Psycholinguistic and Sociolinguistic* (Perspectives on English Language Teaching).

Paper VII—*Teaching English as a Second Language*

1. Functions of English in contemporary India. Objectives in learning English.
2. Syllabus design :
 - (a) Principles of syllabus design.
 - (b) Types of syllabuses—(e.g. structural, situational communicative).
 - (c) Application of the principles of syllabus design for courses in :—
 - (i) General English
 - (ii) Remedial English
 - (iii) English for Special purposes etc.
3. Approaches to Language teaching :—
 - (a) Methods : e.g. Grammar—Translation ; Direct ; Audio-Lingual/Visual ; Bilingual ; The Silent Way ; Community Language Learning ; and more recent methods.
 - (b) Classroom techniques for teaching.
 - (c) Error Analysis and correction techniques.
4. Materials for language teaching : selection and production ; Principles of relevance and appropriacy.

*Alternative to Second Language—two papers in English Language Teaching introduced from the academic year 1981-82.

5. Testing and Evaluation :

- (a) Basic concepts : validity, reliability, scorability, administrative ease.
- (b) Types of testing techniques :
 - (i) Integrative *versus* discrete items ; subjective *versus* objective.
 - (ii) Varieties of testing formats.
- (c) Classification of tests according to function :—
 - (i) aptitude, diagnostic, achievement, proficiency.
 - (ii) formative and summative tests.
 - (iii) norm-referenced and criterion—referenced tests.

6. Practical work—(for Internal Assessment students only)

- (i) syllabus design for a course.
- (ii) materials production for a particular course.
- (iii) construction of a test for electing specified skills.

Paper VIII—*Psycholinguistic and Sociolinguistics* (Perspective on English Language Teaching.)A. *Psycholinguistics* :

Basic concepts : their relevance to language teaching.

1. Theories of language learning—behaviouristic, cognitive (the Chomsky-Skinner debate). Notions of competence, performance, creativity.
2. First Language acquisition : maturational and environmental factors, physical and mental handicaps.
3. Second language learning : formal and informal.
 - (i) Sequential, simultaneous to Language 1, in children, in adults.
 - (ii) Linguistic processes : imitation, rule-formation : The role of error in the learning process (inter-language, including first language interference, over-generalization).
 - (iii) Psychological factors—motivation, personality variables, aptitude.
 - (iv) Biological factors : the critical age hypothesis.
 - (v) Social and cultural factors—attitude toward the target language group, acculturation, anomie, social context of acquisition.

4. (i) Learning strategies—The processes of perception, comprehension and production in language learning ; the role of memory.
- (ii) The relevance of psycholinguistic concepts in language teaching.

B. Sociolinguistics :

Basic concepts—their relevance to language teaching.

1. The relation between language and society. The notion of communicative competence.
2. Language variation :
 - (a) Types of variation : based on social, regional, caste, age, sex, distinctions.
 - (b) Concepts of dialect, style, register.
3. Languages in contact :
 - (a) Bilingualism and multi-lingualism ; pidginization and creolization.
 - (b) Code-switching and mixing ; diglossia.
4. Language and nation :
 - (a) The nation of language planning.
 - (b) Language in education, including experiments in language teaching and the notion of language deficit.
 - (c) English in India —its status and function—
 - (i) as one of the official languages of India.
 - (ii) for official communication.
 - (iii) as a link language : for national and international use, use in trade and commerce.
 - (iv) as a medium of instruction and as a subject of study.
 - (v) as a library language.
 - (vi) for social status.

List of books for papers in English at the M.A. degree examination.

Subordinate

Paper I—

1. W. B. Yeats—Selected Poetry, Ed. by—A. N. Jeffarres (Papermac.).
2. T. S. Eliot—Four Quartets.

3. D. H. Lawrence—Women in Love.
4. Joyce—Portrait of the Artist as a Young Man.
5. G. B. Shaw—Man and Superman.
6. Samuel Beckett—Waiting for Godot.

Paper II—

1. Plato—The Republic, Book X.
2. Aristotle—Poetics.
3. Johnson—Preface to Shakespeare.
4. Coleridge—Biographia Literaria—Chapters XVII, XVIII and XIII (last 2 paragraphs).
5. A. C. Bradley—Oxford Lectures on Poetry. The first lecture—‘Poetry for Poetry’s Sake.’
6. I. A. Richards—Principles of Literary Criticism—Chapters VII, X, XVI, XXXIV and XXXV.
7. T. S. Eliot—Tradition and The Individual Talent.
8. F. R. Leavis—The Common Pursuit—Chapters on ‘Literature and Society’ and ‘Literary Criticism and Philosophy.’
9. R. S. Crane—The language of Criticism and the Structure of Poetry—Chapter entitled ‘Toward a more Adequate Criticism of Poetic Structure.’
10. Max Adereth—What is Literature Engagee? (from Marxists on Literature—(Ed.) David Craig, Penguin).
11. Freud—The Relation of the Poet to Day dreaming.

Additional for Principal

Paper III—

Shakespeare—

1. A Mid-summer Night’s Dream.
2. Measure for Measure.
3. Antony and Cleopatra.
4. Lyly—Endymion.
5. Beaumont and Fletcher—The Knight of the Burning Castle.
6. Webster—The White Devil.

Paper IV—

1. Spenser—Shepherd's Calendar—The following eclogues : January, April, May, October, Faerie Queene—Book 3. Hymn in Honour of Love and Hymn of Heavenly Love.
2. Donne—Love Poems ; Divine Poems.
3. The Books of Job (from the Authorised Version of the Bible).
4. Bacon—Essays.
5. Milton—Paradise Lost—Books III, IV, VI and IX.
6. Dryden—All for Love.

Paper V—

*Section I***The Structure of the English Language***Books recommended for Study**Syntax—*

1. Lester, Mark—Introduction to Transformational Grammar.
2. Huddleston, R. A—An Introduction to Transformational Grammar.
3. Lyons, John—Chomsky (Penguin).
4. Palmer, Frank—Grammar (Penguin).

Stylistics—

1. Quirk, R.—The Use of English.
2. Coombs, H.—Literature and Criticism.
3. Leech, G.—A Linguistic Guide to English Poetry.

Phonology—

1. O'Connor, J. D.—Better English Pronunciation.

Introduction—

1. Crystal, David—Linguistics (Chapters I and II).
2. Lyons, John—Theoretical Linguistics (Chapters I and II).

Section II

Form : Tragedy

Books prescribed for Study

1. Sophocles—Oedipus Rex.
2. Shakespeare—King Lear.
3. Anouilh—Antigone.

Paper VI—

1. Pope—An Essay on Man, Epistle to Dr. Arbuthnot.
2. Fielding—Tom Jones.
3. Sterne—Tristram Shandy.
4. Selection from Keats, Tennyson and Browning as under :—

Keats—The following odes :—

To Autumn, To a Nightingale, To Psyche,
On Melancholy, On a Grecian Urn.

Tennyson—Oenone, The Lotos-Eaters, Ulysses, Tithonus,
Morte D'Arthur, Locksley Hall.

In Memoriam—(The following sections only : 1, 2, 3, 6, 15, 19,
23, 27, 34, 35, 50, 54, 55, 56, 73, 83, 86, 87, 88, 89,
94, 96, 104, 105, 106, 107, 108, 111, 118, 126, 129,
130, 131,

The Palace of Art.

Browning—Pippa Passes, Saul, Two in the Campagna, My Last
Duchess, The Last Ride Together, A Grammarina's
Funeral, An Epistle to Karshish, Andrea Del Sarto,
Porphyrita's Love, Love Among the Ruins.

5. Arnold—Culture and Anarchy.
6. George Eliot—Middle-march.

Alternative to Second Language

Paper VII—*American Literature*

(I) *Three representative writers from the 19th Century*

1. Walt Whitman—Leaves of Grass.
2. Thoreau—Walden.

3. EMERSON—Representative Men (from An Emerson Reader edited—Nissim Ezekiel).

(II) *Two representative writers from the early 20th Century*

1. Dreiser—Sister Carrie.
2. Eugene O'Neill—Mourning Becomes Electra.

(III) *Contemporary American Literature*

1. Oscar Williams (Ed.)—The New Pocket Anthology of American Verse.

Only the following poets are prescribed :—

- (1) Edwin Arlington Robinson.
 - (2) Robert Frost
 - (3) Carl Sandburg
 - (4) Wallace Stevens
 - (5) William Carlos Williams
 - (6) Ezra Pound
 - (7) John Crow Ransom
 - (8) E. E. Cummings
 - (9) Hart Crane
 - (10) Richard Eberhart
 - (11) W. H. Auden
 - (12) Theodore Roethlike
 - (13) Robert Lowell.
2. Fitzgerald—The Great Gatsby.
 3. Hemingway—Farewell to Arms.

Books recommended for the background of American Literature and Social and Intellectual History.

Same as in the text-book pamphlet for 1976 viz.

1. Spiller, Canby and others—Literary History of United States, 3 Volumes (Macmillan, New York).
2. R. E. Spiller—The Cycle of American Literature (Mentor).
3. Marcus Cunliffe—The Literature of the United States (Pelican).
4. Matthiessen—American Renaissance.

Paper VIII —

1. Adil Jussawalla (Ed.)—New Writing in India (Penguin).
2. Rabindranath Tagore—Gitanjali.
3. Girish Karnad—Tughlak.
4. U. K. Ananthamurthy—Sanskara.
5. Sudhir Ghose—Of Gazelles Leaping.
6. Keki Daruwalla (Ed.)—Thirty Years of Indian Poetry.
7. Ian Raeside—The Rough and the Smooth.

Paper VII—

Recommended Reading

1. Christophersen, Paul—*Second Language Learning*, Penguin, 1976.
2. *The Edinburgh Course in Applied Linguistics*—(Vols. I—IV) (OUP) (Selected articles).
3. Pit Corder, S.—*An Introduction to Applied Linguistics*, Penguin, 1973.
4. Allen, H. B. and Campbell, N.—*Teaching English as a Second Language*, Second Edition, Tata—McCraw Hill, 1974.
5. Yardi, V. V.—*Teaching English in India Today*, Parimal Prakashan, Aurangabad (1977).
6. Richards, Jack—*Error Analysis*, ELBS, 1974.
7. Harris, David—*Testing English as a Second Language*, McGraw Hill, 1969.
8. Rivers, Wilga—*Teaching Foreign Language Skills*.
9. Wilkins, D. A.—*Second-Language Learning and teaching*, Edward Arnold, 1974.
10. George, H. V.—*Common errors in language learning—Insights from English*, Newbury House, 1972.

Paper VIII —

*Recommended Reading***Psycholinguistics**

1. Slobin Dan.—*Psycholinguistics*, Berkeley, 1971.
2. Lyons, John—*Chomsky*, Penguin, 1972.

3. Aitchison, J.—*The Articulate Manual: An Introduction to Psycholinguistics*, London, Hutchinson, 1976.
4. Hatch, E. M. (ed.)—*Second Language Acquisition: A Book of Readings*. Newbury House, 1978.
5. Lenneberg, E. H. (Ed.)—*New Directions in Language Learning*, M.I.T. Press, 1964.
6. Foss, D. J. and Hakes, D. T.—*Psycholinguistics: An Introduction to the Psychology of Language*, Prentice-Hall, 1978.
7. Ritchie, W. C. (Ed.)—*Second Language Acquisition Research: Issues, Implication*, Academic Press, 1978.
8. Selected articles from *Language Learning*.
9. Allen, J. P. B. and S. Pit Corder (Eds.) *Papers in Applied Linguistics*, Oxford University Press, 1975.
10. Chomsky, N.—*Review of Skinner's Verbal Behaviour in Language*, 35 pp. 26-58, . Reprinted in Fodor and Katz, *The Structure of Language: Readings in the Philosophy of Language*, Prentice-Hall, 1964.
11. Lambert, W. E.—*Language, Psychology and Culture*, Stanford University Press, 1972.
12. Piaget, J.—'Language and thought from the genetic point in view' in Adams, Parveen (Ed.)—*Language in Thinking*, Penguin, 1972.

Sociolinguistics

1. Pride, J. B. and Holmes, J.—*Sociolinguistics*, Penguin, 1972 (articles 1, 18, 21, 22).
2. Giglioli, Pier Paoli—*Language and Social Context*, Penguin, 1972.
3. Dittmer, N.—*Sociolinguistics: Critical Survey of Theory and Application*, Edward Arnold, 1976.
4. Burling, Robbin's —*Man's Many Voices: Language in its Cultural Context*, Holt, Rinehart and Winston, 1970.
5. Brook, G. L. —*Varieties of English*, Mac Millan, St. Martin's Press, 1973.
6. Trudgill, Peter, *Sociolinguistics: An Introduction*, Penguin, 1974.
7. India, Ministry of Education—*The Study of English in India*. Report of Study Group appointed by the Ministry of Education (Professor V. K. Gokak), Manager of Publications (Pub. No. 810), Government of India, Delhi, 1967.
8. India, Ministry of Education—*Teaching of English*. Report. (Pub. No. 922), Government of India, Delhi, 1971.

2. LATIN

Syllabus, papers and list of books will be the same as per Old M.A. degree course. (Pamphlet No. 95).

3. GREEK

Syllabus, papers and list of books will be the same as per Old M.A. degree course. (Pamphlet No. 95).

4. HEBREW

Syllabus, papers and list of books will be the same as per Old M.A. degree course. (Pamphlet No. 95).

5. PERSIAN AND ARABIC

PERSIAN

Subordinate

Paper I—(*Prose*)—(to be taught in Part I in 1980-81)

One paper on prescribed

- | | | | | |
|----------------------------------|-----|-----|-----|---------------|
| (i) Classical Persian Prose Text | ... | ... | ... |50 marks |
| (ii) Modern Persian Prose Text | ... | ... | ... |50 marks |

Including points of scholarship and criticism and unseen passages for translation both from Persian into English and English into Persian.

Paper II—(*Poetry*) (to be taught in Part II in 1981-82)

One paper on prescribed

- | | | | | |
|---------------------------|-----|-----|-----|---------------|
| (i) Classical Poetry Text | ... | ... | ... |50 marks |
| (ii) Modern Poetry Text | ... | ... | ... |50 marks |

Including points of scholarship and criticism and unseen passages for translation both from Persian into English and English into Persian.

Additional for Principal

Paper III—(*Prose*) (to be taught in Part I in 1980-81)

One paper on prescribed

- | | | | | |
|----------------------------------|-----|-----|-----|---------------|
| (i) Classical Persian Prose Text | ... | ... | ... |50 marks |
| (ii) Modern Persian Prose Text | ... | ... | ... |50 marks |

In this case Texts will be more difficult character than those prescribed for the subordinate papers including points of scholarship and criticism.

Paper IV—(*Poetry*) (to be taught in Part II in 1981-82)

One paper on prescribed

- | | |
|--|----------|
| (i) Classical Persian Poetry Text | 50 marks |
| (ii) Modern Persian Poetry Text | 50 marks |

In this case Texts will be of more difficult character than those for the subordinate papers, including points of scholarship and criticism.

Paper V—(*A General Paper*) (to be taught in Part I in 1980-81)

One paper containing

- | | |
|--|----------|
| (i) An Essay in Persian on a subject connected with the History of Persian literature or the subjects of prescribed books. | 30 marks |
| (ii) Paraphrase in Persian of an unseen Modern Persian Peom. | 10 marks |
| (iii) Paragraph writing in Persian on themes pertaining to current Political, Social and religious life of the people in Iran.... .. | 15 marks |
| (iv) Commercial correspondence in Persian | 15 marks |
| (v) Study of Philology, Prosody and Rhetoric | 30 marks |

Paper VI—(*History of Persian Literature*) (to be taught in Part II in 1981-82)

One Paper containing

- | | |
|---|----------|
| (i) History of Classical Persian Literature (Iranian) | 50 marks |
| (ii) History of Modern Persian Literature (Iranian) | 25 marks |
| (iii) History of Persian Literature (Indian) | 25 marks |

Alternative to Second Language

Paper VII—(*Modern Persian Literature*) (to be taught in Part I in 1980-81).

- (1) Detailed study of a Modern Persian Poet of Iran with special reference to his outstanding work or works prescribed. (Work and/or verses to be prescribed by the Board from time to time) 50 marks
- (2) Detailed study of Modern Prose writer of Iran with special reference to his outstanding works and/or works prescribed. (Works to be prescribed by the Board from time to time)... .. 50 marks

Paper VIII—(*Indian Persian Literature*) (to be taught in Part II in 1981-82)

- (1) Detailed study of a Persian Poet of India. (Works and/or verses to be prescribed by the Board from time to time)50 marks
- (2) Detailed study of a Persian Prose writer of India, with special reference to preferably an outstanding works of History Pertaining to Mughal and/or Maratha period. (Works to be prescribed by the Board from time to time).. 50 marks

List of Books for Papers in Persian at the M.A. degree course

Subordinate

Paper I—Prose

(a) *Classical* :

Chahar Maqala—Nizami Aruzi Samarqandi.

Following portion in prescribed :—

Maqalat-E-Awwal

Maqalat-E-Duwvam

Maqalat-E-Chaharrum.

(Maqalat-E-Suwvam “ Dar Ilm-E-Nujum etc. ” is *deleted*)

(b) *Modern* :

Beest Maqaien—Mirza Mohammad Bin Abdul Wahab Qazwini.

Following portion is prescribed :—

(1) Qadeem Tareen Sher-E-Farsi (Baad Az Islam).

(2) Qadeem Tareen Kitab Dar Zaban-E-Farsi-E-Haliya.

(3) Maktub Az Paarees (1).

(4) Maktub Az Paarees (2)

(5) Intiqaade Maqalay-E-Yaki Az Fuzla (Dar Shafaq-E-Surkh).

Paper II—(Poetry)

(a) *Classical*

Qasa'id-E-Farrukhi. (Sharfuddin edition).

The following Qasidas are prescribed :—

- (1) Dar Madeh Fakhrud-Dawla Abdul-Muzaffar. (Beginning with) Ba Karwan-E-Hilla Be-raftam Ze Seistaan.

- (2) Dar Sifat-E-Dagh-gah. (Beginning with) Chun Perind-E-Neelgun Bar Ru-ye-Pushad Marghzaar.
- (3) Dar Madeh Maminud-Dawla Sultan Mehmood. (Beginning with) Bar Aamad Neelgun Abari Ze Ru-ye-Neelgun Darya.
- (4) Dar Sifat-E-Bagh-E-Naw Wa Kakh, etc., (Beginning with) Be-Farkhanda Faal Wa Farkhandeh Akthar.
- (5) Qasida-E-Masnuaa (Beginning with) Par Aan Asar-E-Mushq Naboodeh Ast Padidaar.
- (6) Dar Tawseef-E-Shamshir-E-Sultan Mehmood. (Beginning with) Yaki Gohari-Chun Gule Bustaan.
- (7) Dar Zikr-E-Wafat-E-Sultan Melmood. (Beginning with) Shehr-E-Ghaznin Na Haman Ast Ke Man Deedan Par.

(b) *Modern*

Poems of Nadir, Nadir Pour.

Bar Guzeeda-E-Sher-E-Farsi-E-Naw.

(Volume II by Dr. Munbur-Rehman.

Adara-E-Ulum-E-Islamia.

Danishgah-E-Islami. Aligarh.

The following poems are prescribed.

- | | |
|---------------------|------------------|
| (1) Hawas-ha | (7) Hamzaad |
| (2) Gumrah | (8) Ashna |
| (3) Akhrin-Fareib | (9) Na-gufteh |
| (4) Surud -E-Khishm | (10) Deedaar |
| (5) Tughyaan | (11) Tashnagi |
| (6) Qum. | (12) Na-Shanaas. |

Additional for Principal

Paper III—Prose

(a) *Classical* :

Armaghan-E-Hind—Dr. Shamsuddin (University of Kashmir).

Publishers Kapoor Brothers, Lal Chowk, Srinagar, Kashmir.

Following portion is prescribed :—

- (1) Selections from Akbar-Nama—Abdul Fazi.
- (2) Selections from Ain-E-Akbari—Abdul Fazi.

(b) *Modern* :

Rahebar-E-Nizad-E-Naw—Aqa Hussain Kazim Zadeh Iran Sheher.

Following portion is prescribed :

- (1) Goftaar-E-Chaharum.
Takamul-o-I'tedaal.
- (2) Goftaar-E-Panjum.
Irada-wa-Mataanat.
- (3) Goftaar-E-Shashum.
Isteqaamat.

Paper IV--(*Poetry*)(a) *Classical*

Qasaid-E-Anwari. (Sharfuddin Edition)

The following Qasidas are prescribed :—

- (1) Baz in chi jawani o jamalast jahan ra.
- (2) Agar muhawwil in hal i jahaniya na qazast.
- (3) Gar dil o dast bahr o kan bashad.
- (4) Bar Samrquand agar biguzri ay bad i sahar.
- (5) Ay Musalmanan fighan az daur i charkh i chambari.
- (6) Nistam beganeh az aamal o ahkam i nujum.

(b) *Modern*

Poems of Neema Yusheej.

Bar GUzeeda-E-. Sher-E-Farsi-E-Naw
(Volumes I and II)

By Dr. Munibur Rehman.

Adara-E-Ulum-E-Islamia,

Danishgah-e-Islami. (Aligarh).

The following poems are prescribed :

(Volume I)

- (1) Aye Shab.
- (2) Jama-e-Maqtul.
- (3) Afsana.
- (4) Kar-e-Shab-Pa.
- (5) Qu Quli Qu.

(Volume II)

- (6) Mansnavi-E-Qissa-E-Barq-E-Parideh.

Paper V—(*General*)—(a) *Essay in Persian :*

1. *Tarikh-e-Adabiyat-e-Farsi*—Dr. Razazadeh Shafaq. (*Intesharaat-E-Amir-Kabir*) (Tehran).
2. *Tarikh-e-Adabiyat Dar Iran*.—Dr. Zabihulla Safa. (*Kitab-Khana-e-Ibn-Sina* Tehran).
3. *Tarikh-e-Nazm Wa Nasr Dar Zuban-i-Farsi* (in Two volumes)—Saeed Nafisi. (*Kitab Faroushi Farroghi*, Tehran).

(b) *Paraphrase, Paragraph Writing in Persian Etc.*

1. *Dastur-e-Zaban-E-Farsi*,—Nataal Khanlari (*Allied Publishers, New Delhi*).
2. *Muallim-E-Farsi*.—Dr. Shamshuddin Ahmed & Maulavi Sayed Abdul-Latif.
(Kapoor Brothers, Lal Chowk, Srinagar, Kashmir).

(c) *Commercial Correspondence :*

Name Nigari—Sadiq Kiya.

(d) *Philology, Prosody and Rhetoric Etc.*

1. *Higher Persian Grammar*—D. C. Philot.
2. *Persian Grammar*—Dr. Fritz Rosen. (*Award Publishing House, New Delhi*).
3. *Persian Prosody*—Zaveri
4. *Goftaar Hanjaar*—Nasrullah Naqvi.

Paper VI—*History of Persian Literature*

(a) *History of Persian Literature* (Iran). *Classical and Modern* (Complete).

(b) *History of Persian Literature* (Indian). No books recommended.

Paper VII—(*Detailed Studies*) (*Modern Persian Poet*)

1. Parween I'tesami—Poems, from Diwan (*Chaap Khana-e-Dawlati*).

Following poems are prescribed :—

- (1) Aatish-e-Dil
- (2) Aarzoo-e-Maadar
- (3) Ashk-e-Yateem

- (4) Umneed-wa-Nawmeed
- (5) Barg-e-Gurezan
- (6) Baha-e-Jawani
- (7) Baha-e-Naki
- (8) Paya-wa-Diwar
- (9) Taraj-e-Rozgar
- (10) Tah-i-dast
- (11) Jamal-e-Haq
- (12) Diwana-wa-Zanjeer
- (13) Zan Dar Iran
- (14) Safar-e-Ashk
- (15) Shahed-o-Shama.

2. (*Detailed Studies Modern Persian—Prose Writer*)

Syed Muhammad Ali Jamal Zadeh.

Selections from the book “Shagofaha-E-Naw”—Dr. Shamshuddin Ahmed.

(Publishers Kapoor Brothers, Lal Chowk, Srinagar, Kashmir).

Following portion is prescribed :—

- (1) Darde-Dil-e-Mulla Qurban Ali.
- (2) Rajl-e-Siyasi.
- (3) Farsi Shakar Ast.
- (4) Kabab-e-Ghaz.
- (5) Beela Deg Beela Jaghandar.

Paper VIII—(*Persian Literature in India*)

(a) *Prose* :

RUQQAAT-E-ALAMGIR

(Munshi Nawal Kishore edition)

First fifty Ruqaats are prescribed.

(b) *Poetry*

Ghazalyaat-E-Urfi Shiraazi.

Diwan-E-Urfi Shiraazi.

Radeef-E-Alif (Whole) is prescribed.

ARABIC

Subordinate

Paper I—*Prose*—(to be taught in Part I in 1980-81)

One paper on prescribed Texts in (i) Classical and (ii) Modern Prose including points of scholarship and criticism, and also Unseen passages for Translation from Arabic into English and *vice-versa*—(25 marks).

Paper II—*Poetry*—(to be taught in Part II in 1981-82)

One paper on prescribed Texts in (i) Classical and (ii) Modern Poetry, including points of scholarship and criticism, and also Unseen Arabic Verses for Translation into English— (15 marks).

Additional for Principal

Paper III—*Prose*—(to be taught in Part I in 1980-81)

One paper on prescribed Texts of a comparatively higher literary value than the Subordinate Course, in (i) Classical and (ii) Modern Prose, including points of scholarship and criticism.

Paper IV—*Poetry* (to be taught in Part II in 1981-82)

One paper on prescribed Texts of comparatively higher literary value than the Subordinate Course, in (i) Classical and (ii) Modern Poetry, including points of scholarship and criticism.

Paper V—(to be taught in Part I in 1980-81)

A General Paper, containing :

- (a) An Essay in Arabic, on a subject relating to the History of the Arabic Literature *or* a topic based on the prescribed Texts *or* a topic connected with the current Life and Society30 marks
- (b) Questions on the History of the Arabic Literature— including a literary note or notes, essentially in Arabic..... 50 marks
- (c) Prosody,10 marks
- (d) Rhetorics (*i.e.* Figures of Speech),... ..10 marks
- (e) Paraphrase in Arabic10 marks

Paper VI—(to be taught in Part II in 1981-82)

- | | |
|--|----------|
| (A) Translation | 60 marks |
| (i) Translation from Arabic Prose and Poetry into English—30 marks. | |
| (ii) Translation from English Prose and Poetry into Arabic—30 marks. | |
| (B) Preci Writing in Arabic or Commercial Correspondence in Arabic | 20 marks |
| (C) Comprehension of an Arabic Passage or Passages, requiring the questions concerned to be answered in Arabic | 20 marks |

Alternative to the Second Language

Paper VII—(to be taught in Part I in 1980-81)

Modern Arabic Literature—The following works to be studied :—

Prose :

- (i) 'Al—' Abarat '—Lutfi al-Manfaluti. Portion to be allocated.
()
- (ii) 'Al-Ayyam ' Part—I; —Dr. Taha Husain.

Poetry :

- (i) 'Mukhtarat minash-Shi'ril—Adabil-Hadith '—Mustafa Badawi.
- (ii) Shu'ara'ul-Adabil—Hadith, Parts I and II,—Shawqi Dhaif.

Paper VIII—(to be taught in Part II in 1981-82)

India's Contribution to the Development of Islamic-Arabic Literature.
Relevant Books to be prescribed.

List of Books prescribed for papers in Arabic at the M.A. Degree Course (1980-81)

Subordinate

Paper I—Prose :

(١) مختارات من أدب العرب (الجزء الثاني) by ابوالحسن على الندوي

The following lessons to be included :

أ - خطبة طارق بن زياد و عند فتح الاندلس

ب - خطبة الحاج بن يوسف

ج - أطيب طوام و أشعر بيت

د - آراء فى التعليم

هـ - المقامة الزبديية

(٢) مختارات من أدب العرب (الجزء الثانى) by ابوالحسن على الندوي

The following lessons to be included :

أ - المدينة الغربية

ب - تحية الاندلس

ج - الصديق

د - ألقمزة و الحكاية

هـ - عالم

Paper II—Poetry : (To be taught in Part II in 1981-82).

(a) Classical

al-Mulleqat al-Saba

المعلقات السبع

(1) Imraul Qais.

(١) امرؤ القيس

(2) Zuhair bin Abi Salma

(٢) زهير بن أبى سلمى

(b) *Modern*

Diwan al-Jawahiri
(al-Adib Press, Baghdad)

ديوان الجواهري

The following Poems to be studied :

- | | | |
|--------------------------------|-----------------------|------|
| (1) Fi Zikra Gandhi | فى ذكرى غاندى | (1) |
| (2) Rubaiyat | رباعيات | (2) |
| (3) al-Mustansiriyah | المستنصرية | (3) |
| (4) Ya Dajlat al-Khair | يا دجلة الخير | (4) |
| (5) Aba Zaidoon | أبا زيدون | (5) |
| (6) Atfali wa Atfal al-Aalam | أطفالى و أطفال العالم | (6) |
| (7) Min Daftar al-Ghurbah | من دفتر الغربة | (7) |
| (8) Ya Kahayali | يا خيالى | (8) |
| (9) Barid al-Ghurbah | بريد الغربة | (9) |
| (10) Habitun Nas | حبمت الناس | (10) |
| (11) al-Zikra al-Baqiyah | الذكرى الباقية | (11) |
| (12) Baiyatun Samak fi Baragh. | بائعة السمك فى براغ | (12) |

Principal**Paper III—Prose**

- (1) من القرآن الكريم
أ - سعودة بنى اسرائيل
ب - سعودة الفرقان
(2) حياتى by احمد أمين

(from pages 53 to 152, first 16 chapters—Beirut Edition II, 1971).

Paper IV—Poetry (To be taught in Part II in 1981-82).(a) *Classical*

Luzumiyat—by Abdul Ala al-Ma'arri

لذوميات : لأبى العلاء المعرى

(First 50 Poems to be studied).

(b) *Modern*

Diwan al-Rasafi - Maruf al-Rasafi

ديوان الرصافي — الجزء الأول

Edited—Mustafa Ali (Volume : I)

The following Poems to be studied :

- | | | |
|---------------------------|-------------------|--------|
| (1) al-Aghniya wal Fuqara | الاغنياء والفقراء | (١) |
| (2) al-Aalam Sheirun | العالم شعر | (٢) |
| (3) Min aina ila aina | من أين إلى أين | (٣) |
| (4) Bani al-Ardh | بنى الأرض | (٤) |
| (5) Ma-wara al-Qabr | ما وراء القبر | (٥) |
| (6) al-Haqiqat al-Mutlaqa | الحقيقة المطلقة | (٦) |
| (7) Binar Ruh wal Jasad | بين الروح والجسد | (٧) |
| (8) Naqsh ala Maa | نقش على ماء | (٨) |
| (9) Hayat al-Wara | حياة الوري | (٩) |
| (10) Dunau al-Sadqah | دموع الصداقة | (١٠) |
| (11) Shaikh al-Barlaman | شيخ البرلمان | (١١) |
| (12) Ghareequ Dajlah | غريق دجلة | (١٢) |

Paper V---

- | | |
|--|-------|
| (1) تاريخ آداب اللغة العربية by حور جي زيدان | (١) |
| (2) تاريخ الأدب العربي by حسن الريات | (٢) |
| A Literary History of the Arabics—R. A. Nicholson. | (٣) |
| Arabic Literature—H. R. Gibb. | (٤) |
| البلاغة الواضحة | (٥) |
| مهذبان الذهب | (٦) |

Paper VI—(Translation, Correspondence, Comprehension etc.).

The following books to be recommended :

- | | |
|---|---|
| (1) Insha al-Rasa'il al-Asriyah—Sabir Yusuf (Maktaba Yusufi, Deoband) | إنشاء الرسائل العصرية (تأليف : صابر يوسف) |
| (2) Mojam Mustalahat al-Mu'tamarat (Unesco Publication). | معجم المصطلحات المؤتمرات |

Paper VII -- *Modern Arabic Literature* :

The following works to be studied :

- Prose* :
- (1) الأيام، الجزء الأول by الدكتور طه حسين
- (2) النظرات، الجزء الأول by مصطفى لطيفى
أغنفلوطي

Poetry :

- (1) مختارات من الشعر الأذب الحديث by مصطفى يدوى
- (2) الشعر فى المعركة compiled by محمود حسن إسماعيل

(Quins 1967 Edition).

Paper VIII

A comprehensive study of the works of Abdul Hasan Ali Nadvi with special reference to the following books :

- (1) al-Tariq ilal Madina (Lucknow : 1971 Edition).
الطريق إلى المدينة
- (2) al-Dawat al-Islamiyah wa Tatawwuratiha fil Hind (Lucknow Edition) ;
الدعوة الإسلامية و تطورها فى الهند

6. FRENCH

Part I

Papers I, III, V and VII—(to be studied in 1980-81).

Part II

Papers II, IV VI and VIII —(to be studied in 1981-82).

Subordinate

Paper I—(to be taught in 1980-81).

Section I—Study of two texts from 20th Century. 70 marks

Section II—Unseen translation from French into English 30 marks

One questions on each text to be answered in French.

Paper II--(to be taught in 1981-82)

Section I--Study of two texts from 19th Century 70 marks

Section II--Unseen translation from English into French. 30 marks

One question on each text to be answered in French.

Additional for Principal

Paper III--(to be taught in 1980-81)

French Civilisation 100 marks

(1) History of Arts :

Painting from 19th Century onwards upto 1950.

Or

Sculpture and architecture of 17th, 18th and 19th Century.

(2) History of France from French Revolution onwards upto 1950.

Note : All questions to be answered in French.

Paper IV--(to be taught in 1981-82)

History of French Literature from its origins to the end of the 16th century illustrated by *one* text 100 marks

Note : All questions to be answered in French.

Paper V--(to be taught in 1980-81)

History of French Literature in 20th Century illustrated by *four* texts (Novel, Drama, Poetry, Short Stories or Essay) 100 marks

Note : All questions to be answered in French.

Paper VI--(to be taught in 1981-82)

Essay (to be written in French). 70 marks

Oral 30 marks

Alternative to Second Language

Paper VII—(to be taught in 1980-81)

Study of a Literary Form with the special study of three or four texts.

Note : All questions to be answered in French.

Paper VIII—*History of Literary Doctrines in French*—(to be taught in 1981-82).

Note : All questions to be answered in French.

List of text-books for papers in French at the M.A. (Part I) examination (to be taught in 1980-81)

Paper I—*20th Century*

1. Alain Fournier—"Le Grand Meaulnes" (any complete edition).
2. Eugene Ionesco—"Les Rhinoceros".

Paper II—*19th Century* :

1. Adolphe—Benjamin Constant (Any edition).
2. Verlaine et les Poetes Symbolistes—Ed. Classiques Larousse.

Paper III—*French Civilization*—(to be taught in 1980-81)

1. History of Arts :

Painting from 19th Century onwards upto 1950.

Or

Sculpture and Architecture of 17th, 18th and 19th century :

Text : "History of Modern European Arts"—Bouness.

Publisher—Thames and Hudson.

2. History of France from French Revolution onwards upto 1950.

Text : "L. Histoire de France"—Andre Monrois—(Ed. Albert Michel).

Paper IV—

History of French Literature from its origin to the end of the 16th Century.

Texts :

1. Poesies Choiesies—Francois Villon (Classiques Larousse).
2. La Chanson de Roland : (Classiques Larousse).

Paper V—*History of Literature in 20th Century*

1. J. Prevert—"Les Poroles."
2. A. Gide—"L'Immoraliste."
3. J. Anouilh—"La Sauvage."
3. M. Ayme "Passe-Muraille."

Sub. National Systems Unit,
National Institute of Educational
Planning and Administration
17-B, Sector 11, Connaught Place, New Delhi-1100
DO. 2732
Date 30-10-85

Paper—VI

Easy to be written in French and Oral examination.

Paper VII—

Study of a Literary form with special study of the following text :—

1. Moliere—*L'Avare*.
2. Beaumarchais—*Le Mariage de Figaro*.
3. Cburteline—*Boubouroche*.

Paper VIII—

Les Doctrines Litteraires en France.

Text :

Les Grandes Doctrines Litteraires en France : Philippe Van Tieghern.
(Ed. Presses Universitaires de France).

7. GERMAN

Part I—Papers I, III, V and VII to be studied in 1980-81.

Part II—Papers II, IV, VI and VIII to be studied in 1981-82.

Subordinate

Paper I—

Study of *two* texts from 19th Century and 20th Century.

Paper II—

Study of *two* or *three* texts of a literary period from 20th Century.

Additional for Principal

Paper III—*German Civilization*

A descriptive study of Architecture, Painting, Sculpture and Music of 20th Century.

Paper IV—*Philosophy of Literature*

Paper V—*Study of a literary form.*

Paper VI—*Essay and translation (from and into German).*

Essay	...	...	...	...	...	...	...	...	50 marks
Translation	...	..	...	..	...	..	...	..	20 marks
Oral	...	..	...	..	...	..	...	..	30 marks

Alternative to Second Language

Paper VII—*German History*—(from World War I onwards) and *German Philosophy* (Frankfurter Schule).

Paper VIII—*German Linguistics* (A descriptive study).

List of books for German at the M.A. degree examination

Text and Bibliographic

Paper I—

1. Buchner—Dantons Tod.
2. Walser—En fliehendes Pferd.

Paper II—

1. Dt. Prosa Bingel (DTV).
2. Dt. Lyrik Bingel (DTV).
3. Grass—Katz u. Maus.

Paper III—

1. Rororo Kunstlexikon
2. Reitzenstein
3. Haftmann
4. 'A concise History of Music "Love-lock"'
5. Die Musik Ausbildung—Wolf
6. Rororo Musikhandbuch Band II.

Paper IV—

Schiller—Briefe über die ästhetische
Erziehung des Menschen.

Paper V—

Die Novelle

1. Droste—Judenbuche.
2. Morike—Mozart auf die Reise nach Prag.
3. Th. Mann—Die Vertauschten Kopfe.

Paper VI—

No books recommended

Paper VII—

1. Ploetz—Deutsche Geschichte.
2. Tenbrook.
3. Kleine Philosophie Geschichte—Joh. Hirschberger—Herderbucherei.
4. Gebhardt—Handbuch der dt. Geschichte Bd. 20.

Paper VIII---

1. Eine Einführung in die modern Linguistik—John Lyons.

8. PORTUGUESE

Subordinate

Paper I—(to be taught in 1980-81)

- I. Unseen translations (Prose and/or Poetry) from Portuguese into English. 30 marks
- II. Critical study of two texts (Prose and/or Poetry from 19th Century). 70 marks

Note : (I) To be compulsory.

(II) (a) Four questions (two on each text) to be set in Portuguese.

(b) One question on each text to be answered in Portuguese. The remaining two questions to be answered either in Portuguese or in English

Paper II—(to be taught in 1981-82).

- I. Unseen translations (Prose and/or Poetry) from Portuguese into English 30 marks
- II. Critical study of two texts (Prose and/or Poetry) from 20th Century. 70 marks

Note : (I) To be compulsory.

(II) (a) Four questions (two on each text) to be set in Portuguese.

(b) One question on each text to be answered in Portuguese. The remaining two questions to be answered either in Portuguese or in English.

(Students taking Papers I and II are expected to have a general knowledge of the History of Portuguese Literature of 19th and 20th Centuries).

Additional for Principal

Paper III—(to be taught in 1980-81)

Portuguese Civilization

1. Portuguese Art and Culture.
2. History of Portugal from 16th Century to Modern times.

Note : (a) Four questions to be set in Portuguese.

(b) All questions to be answered in Portuguese.

(c) All questions carry equal marks.

Paper IV—(to be taught in 1981-82)

History of Portuguese Literature from its origin to the end of the 15th Century.

1. Fidelino de Figueiredo—Historia da Literatura Portuguesa.
2. A Jose Saraiva -e- Oscar Lopes—Historia da Literatura Portuguesa.
3. Pe. Arlindo Ribeiro de Cunha—Historia da Literatura Portuguesa.

Or

Evaluation of the Portuguese Language from its origin to the end of the 15th Century, including translation from old Portuguese in to Modern Portuguese.

1. Correia de Oliveira -e- Saavedra Wachado—Textos Portugueses Medievais.
2. Jose Jaaquim Nunes—Gramatica Bistorica Portuguesa.

Note : (a) Four questions to be set in Portuguese.

(b) All questions to be answered in Portuguese.

(c) All questions carry equal marks.

Paper V—(to be taught in 1980-81)

Special study of a well-known author either ancient or modern (Text/s to be prescribed).

Note : (a) Four questions to be set in Portuguese.

(b) All questions to be answered in Portuguese.

(c) All questions carry equal marks.

Paper VI—(to be taught in 1981-82)

Essay (to be written in Portuguese)	...	...	...	...	50 marks
Grammar.	...	...	...	...	20 marks
Oral	...	...	...	...	30 marks

No internal assessment for Essay Paper *i.e.*, Paper VI.

Alternative to Second Language**Paper VII—(to be taught in 1980-81.)**

Study of Literary Form (Poetry, drama, essay, novel, short-story, biography, autobiography etc.) illustrated by three or four texts to be prescribed.

- Note* : (a) Four questions to be set in Portuguese.
 (b) All questions to be answered in Portuguese.
 (c) All questions carry equal marks.

Paper VIII—(to be taught in 1981-82)

Study of Literary Doctrines (classicism, romantism, realism symbolism, etc.) in Portuguese Literature.

- Note* : (a) Four questions to be set in Portuguese.
 (b) All questions to be answered in Portuguese
 (c) All questions carry equal marks.

N.B.—For the M.A. Part I—Papers I, III, V, VII.

For the M.A. Part II—Papers II, IV, VI, VIII.

List of books for Portuguese at the M.A. degree examination**Paper I—19th Century Portuguese Literature**

1. Almeida Garrett—Camoës.
2. Antero de quental—Sonetos.

Paper II—20th Century Portuguese Literature—(to be taught in 1981-82)

1. Ferreira de Castro—A Selva.
2. Miguel Torga—Bichos.

Paper III—

1. Silva Pinto—O Culto da Arte em Portugal (Livreria Alland)
 2. Antonio Jose Saraiva—Para a Historia da Cultura em Portugal.
- Joaquim Ferreira—Historia de Portugal.

Paper IV—

Study of Portuguese Literature from its origin to the end of 15th Century.

1. Fidelino de Figueiredo—Historia da Literatura Portuguesa.
2. A Jose Saraiva Oscar Lopes—Historia da Literatura Portuguesa.
3. Pe. Arlindo Ribeiro de Cunha —Historia da Literatura Portuguesa.

Or

Evolution of Portuguese Language from its origin to the end of 15th Century, including translation from Old Portuguese into Modern Portuguese.

1. Correia de Oliveira-e-Saavedra Machado—Textos Portugueses Medievais.
2. Jose Joaquim Nunes—Gramatica Historica Portuguesa.

Paper V—

Study of Luis de Camoes as an epic poet.

Os Lusíadas—Contos I to V.

Paper VI—

Essay and Grammar

Jose Joaquim Nunes—Compendio de Gramatica Portuguesa.

Paper VII—

Study of a Literary Form with a special study of three or four texts :—

1. Camilo Castelo Branco—Novelas do Minho.
2. Fialho de Almeida—A Cidade eo Vicio.
3. Fernando Namora—Minas de San Francisco.

Paper VIII—*History of Literary Doctrines in Portuguese Literature.*

Books Recommended

1. Teofilo Braga—*Historia da Literatura Portuguesa.*
2. Fidelino de Figueiredo—*Historia da Literatura Portuguesa.*
3. Feliciano Ramos—*Historia da Literatura Portuguesa.*
4. A Jose Saraiva-e-Oscar Lopes—*Historia da Literatura Portuguesa.*
5. Pe. Arlindo Ribeiro da Cunha—*Historia da Literatura Portuguesa.*

9. SANSKRIT

Subordinate

Paper I—

Study of the works of a Dramatist.

Paper II—

Suitable portion from the work on the *Alankarasashtra* dealing with *Rasasidhanta*.

Critical study of selected portions from a classical Sanskrit work. (Knowledge of रस and चरित is also expected.)

Additional for Principal

Paper III—

Grammar, rapid reading and unseen passage for translation from Sanskrit into English or Marathi or Gujarati or Hindi, general question on the text, or essay on a given theme in Sanskrit or translation from English into Sanskrit.

Distribution of the marks will be as under :—

1. Grammar, unseen and rapid reading *Laghusiddhantakau-*
mudi—Sajna Paribhasa, Samasa and Kridanta 40 marks .

- | | |
|---|----------|
| 2. (a) Rapid Reading (translation) Viduraniti. | 10 marks |
| (b) General question on text. | 10 marks |
| 3. Translation of passage or passages from Sanskrit to English or Marathi or Gujarati or Hindi. | 15 marks |
| 4. Essay in Sanskrit or Translation from English into Sanskrit | 15 marks |

(6 exercises in each year to be done by the students are as under :—

2 Translation of Passages from Sanskrit into English or Marathi or Gujarati or Hindi.

2 Translation of Passages from English into Sanskrit 2 essays in the Sanskrit.

Paper IV—

Section I Rigveda—about 75 hymns and suitable chapters from Macdonell's Vedic Grammar for students.

Section II Nirukta—Chapters 1 and 2 study of Elements of Comparative Philology.

Paper V and VI :

On any one out of the fourteen Shastras prescribed.

Paper V—

Study of the prescribed text of the Shastra concerned.

Paper VI—

Study of the prescribed text.

Alternative to Second Language

Paper VII—

(a) Not more than two Classical Sanskrit Drama with the study of Prakrit Passages therein.

Mudraraksasa

50 marks

- (b) A select portion from classical Sanskrit Prose or Campu.
Kadambari, Peterson's edition Bombay University.
Publication, Papers 1 to 50 50 marks

Paper VIII—

- (a) A select portion from a classical Mahakavya, Nasadh.
Cantos I and II 60 marks
- (b) Pali—reader by Dharmananda—Kosambi and C. V.
Rajwade. 20 marks
- (c) Prakrita—Praveshika (Hindi translation of Woolner's
Introduction to Prakrita—passages 1 to 10 20 marks

List of text-books in Sanskrit at the M.A. examination

Paper I—

Study of the Dramatist: Kalidasa—with textual study of—

1. Abhijnanasakuntala
2. Vikramorvasiya

(The problem of the Prakrits in No. 2 is not expected)

Paper II—

1. Kavyaprakasa IV—(without divisions at the end)
2. Kiratarjuniyam—Sargas 1 and 2

Paper III—

1. Grammar, unseen and rapid reading Langhusiddhanta-
kaumudi —Sajna Paribhasa, Samasa and Kridanta
2. (a) Rapid Reading (translation)—Viduraniti
(b) General questions on text
3. Translation of a passage or passages from Sanskrit to
English or Marathi or Gujarati or Hindi
4. Essay in Sanskrit or Translation from English to Sanskrit

Paper IV—

1. Rgveda—MacDonell's Vedic Reader (Hymns excluding
those prescribed at B.A.)
2. Nirukta—I, II and VII

Books recommended for study and reference

1. Keith, A. B.—Religion and Philosophy of the Veda and the Upanisada.
2. Das, A. C.—Rgvedic Culture.
3. Griswold, M. D.—The Religion of the Rgveda.
4. Macdonnel, A. A.—Vedic Mythology.
5. Dr. S. A. Dange—Cultural Sources from Veda.

Paper V and VI—

(Note : For Shastra papers, knowledge of History and evolution of the respected Shastra is expected.)

१. वेदान्तशास्त्र

Paper V—

Students are expected to know the Philosophy of the Acharya Brahma Sutra.

- (i) Sankara Bhasya—I, II.
- (ii) Gaudapadakarika

Paper VI—

- (i) Anubhasya—IV
- (ii) Madhvabhasya I and II (text only)
- (iii) Shribhasya 1.1.1.

Books recommended for Study

1. V. S. Ghate—The Vedanta.
2. S. K. Belwalkar—Basu Malik Lectures on Vedanta.
3. Belwalkar and Ranade—History of Indian Philosophy, Vol. II.
4. Date—Vedanta Explained.
5. S. Radhakrishnan—History of Indian Philosophy.
6. S. Radhakrishnan—The Brahmasutras.
7. Hiriyanna—Outlines of Indian Philosophy.

8. B. N. K. Sharma—History of Dvaita School of Vedanta and its Literature.
9. B. N. K. Sharma—Philosophy of Sri Madhvacarya.
10. M. K. D. Bharadwaja—Philosophy of Ramanuja.
11. S. N. Das Gupta—History of Indian Philosophy.
12. Smt. M. Marfatia—Philosophy of Vallabhacharya.
13. Dr. S. A. Dange—Hindu Dharma and Tatvadyan—Thokal prakashan (book written in Marathi).

(N.B.—(1) For the additional paper of the Zala Vedanta Prize—

संक्षेप भाष्य of शंकराचार्य on the ब्रह्मसूत्र and सिद्धान्तबिंदु of मधुसूदन सारस्वती are prescribed.

(2) For the additional paper of Anubhasya Prize :—

- (a) The whole of Anubhasya with Vivarana of Giridharji.
- (b) Vidvan-Mandana of Vithalesa.

२. व्याकरणशास्त्र

Paper V—

- (a) सिद्धान्त कौमुदी (पूर्वार्ध), सिद्धान्त कौमुदी (उत्तरार्ध) (excluding उणादि and फिट्सूत्र and the स्वर and वैदिकी प्रक्रियाऽ)
- (b) परिभाषेन्द्रशेखर नागोजिभट्ट (Edition of Wadegaokar) only the following Paribhashahas :
Group I : 1 to 5 ; 10 to 15 ; 21 to 28 ; 30 ; 32 ; 37.
Group II : 38 to 42 ; 50-61 ;
Group III : 72, 76, 86, 90, 103, 114, 118, 128, 131, 138.

Paper VI—

- (a) व्याकरण महाभाष्य of पंतजलि I, i, 1-3 and II, i, I.
- (b) भर्तृहरिस वाक्य प्रवीय—ब्रह्मकाण्ड.

Books recommended for study

1. S. K. Belwalkar—Systems of Sanskrit Grammar.
2. K. V. Abhyankar प्रस्तावनाखंड of पंतजलि महाभाष्य, मराठी भाषांतर.

३. अलंकारशास्त्र

Paper V—

1. Dhvanyoloka with Locana 50 marks
2. Kavyaprahara—VII, VIII, IX, X except Alankara Dosa 40 marks

Paper VI—

Section I

नाट्यशास्त्र of भरत (Chs. I-III and V—VI— with the commentary of अभिनवगुप्त).

Section II

(a) दशरूपक—I, II.

Books recommended for study

1. P. V. Kane—History of Sanskrit Poetics.
2. S. K. De— History of Sanskrit Poetics.
3. D. R. Mankad—Types of Sanskrit Drama.
4. A. B. Keith—Sanskrit Drama.
5. K. C. Pandey—Indian Aesthetics, Vols. I and II.
6. V. Raghavan—Srngaraprakasa of Bhoja. (Introduction).

४. न्यायवैशेषिक शास्त्र

Paper V—

- (a) न्यायसूत्रऽ of गौतम with वात्स्यायन भाष्य
 (b) वैशेषिकसूत्रऽ of कणाद with प्रशस्तपाद भाष्य

Paper VI—

- (a) न्यायबिंदु of धर्मकीर्ति.
 (b) सिद्धान्तमुक्तावली of विश्वनाथ.

Books recommended for study

1. Keith—Indian Logic and Atomism.
2. Satish Chandra Vidyabhusan—History of Indian Logic.

५. धर्मशास्त्र

Paper V—

- (a) याज्ञवल्क्यस्मृति with मिताक्षरा
 (b) आपस्तम्बधर्मसूत्र

Paper VI—

- (a) व्यवहारसूत्र
(b) अर्थसंग्रह of लौगक्षिभास्कर

Books recommended for Study

1. P. V. Kane—History of Dharmasastra, Vols. I to V.
2. J. Jolly—Hindu Law and Custom.

६. मीमांसाशास्त्र

Paper V—

- (a) शाबरभाष्य—Chapters I—III.

Paper VI—

- (शास्त्रदीपिका I, 1. जैमिनिय अधिकरण न्यायमाला of माधवाचार्य—Chapters to IV.

Books recommended for Study

1. P. V. Kane—Brief sketch of Purvamimamsa system, (A.B.O.R.I.) Vol. I, 1925.
2. Das Gupta—History of Indian Philosophy, Vol. I.
3. M. G. Jha—The Prabhakara School of Purvamimamsa.
4. P. V. Kane—History of Dharmasastra, Vol. V—Part II.

७. सांख्ययोगशास्त्र

Paper V—

- (a) सांख्यकारिकास with बाचस्पतिस् तत्त्वकौमुदी
(b) सांख्यसूत्रस् with विज्ञानभिक्षुस् प्रवचनभाष्य

Paper VI—

- (a) ब्रह्मसूत्रस् with व्यासभाष्य and बाचस्पतिस् commentary.
(b) ब्रह्मसूत्र—शांकरभाष्य II, ii, 1—10.

Books recommended for Study

1. Garbe—Die Samkhya Philosophie, and Samkhya and Yoga.
2. Dr. S. N. Das Gupta—Yoga Philosophy.
3. J. N. Sinha—History of Indian Philosophy, Vols. I and II.
4. S. N. Das Gupta—History of Indian Philosophy Vol. I.
5. P. V. Kane—History of Dharmasastra, Vol. V—Part II.

8. Jain Philosophy

Paper V—

- (a) तत्त्वार्थधिगम् सूत्र of उमास्वाति with भाष्य
- (b) स्याद्वादमंजरी of मल्लियाण

Paper VI—

- (a) पंचाध्यायी (Granthaparakasha Karyalaya, Indore).
- (b) प्रमाणमीमांसा of हेमचंद्र.

Books recommended for Study

1. Jacobi—Studies in Jainism.
2. J. L. Jaini—Outlines of Jainism.
3. M. Winternitz—History of Indian Literature (Vol. II, Part 3).
4. W. Schubring—Doctrine of Jains. (English translation—W. Bowlen).

9. Buddhist Philosophy

Paper V—

- (a) वज्रसूची—उपनिषद्.
- (b) न्यायबिंदु of धर्मकीर्ति with the commentary of धर्मोत्तरपाद

Paper VI—

- (a) नागार्जुन—मूलमाध्यमिक सूत्र with the commentary of चंद्रकीर्ति up to the end of the fourteenth chapter, *i.e.*, the end of Samsargapariksa.
- (b) बोधिचयविताय of शान्तिदेव—Chapter 1—10 (both inclusive), Devanagari Text as edited by Mukulbhai Kalarthi (Published by Gujarat Vidyapitha, Ahmedabad).

Books recommended for Study

1. Yamakami Sogen—Systems of Buddhistic Thought.
2. Grimm—The Doctrine of the Buddha.
3. Keith—Buddhist Philosophy of India and Ceylon.
4. De la Vallee Poussin—Nirvana.

10. Epigraphy

Paper V—

- (a) Inscriptions of Asoka (Corpus Inscriptionum Indicarum, Vol. I ; 2nd edition).
- (b) Cave Inscriptions : (i) Udayagiri Caves in Orissa and (ii) Caves of Western India (Archaeological Survey of Western India, Vol. IV).

Paper VI—

- (a) गौरीशंकर ओझा—भारतीय प्राचीन लिपिमाला Inscription of Rudradaman (Epigraphica Indica, Vol. VIII).
- (b) Inscriptions of the Early Gupta (Corpus Inscriptionum Indicarum, Vol. III).

Books recommended for study

1. R. C. Majumdar—Ancient India (1960).
2. D. C. Sircar—Indian Epigraphy (1962).
3. D. C. Sircar—Indian Palaeography (1963).
4. Dr. G. Buhler—Indian Palaeography.

11. Veda and Comparative Philosophy

Paper V—

- (a) Introduction to the ऋग्वेदभाष्य by सायणाचार्य.
- (b) ऋग्वेद—संहितामंडल I, 1—30.
- (c) अथर्ववेद, काण्ड IV.
- (d) शतपथ ब्राह्मण—राजसूत्र प्रकरण.

Paper VI—

1. वैदिकी and स्वरप्रक्रियाऽ

The following aphorisms are to be studied :

Vaidiki :

Adhyaya (I)	Full.
Adhyaya (II)	3402 to the end.
Adhyaya (III)	3408-3413 upto the end.
Adhyaya (IV)	3453-3474 ; 3479, 3480, 3488 to end.
Adhyaya (V)	3496-3508.
Adhyaya (VI)	3509, 3510, 3515, 3516, 3519, 3525-3529, 3535-3541 ; 3446-3548 ; 3552, 3553.
Adhyaya (VII)	From the beginning upto 3572., 3588-3592.
Adhyaya (VIII)	Full.

Svara-Prakriya :

3650-3679 ; 3683-3686 ; 3708-3736 ; 3745 ; 3746 ; 3752-3754 ; 3768-3769 ;
3777-3784 ; 3814 ; 3840-3844 ; 3851-3854 ; 3873-3884 ; 3893 ; 3906, 3911, 3931.

The whole chapter on Tinnanta and Svarasamcara.

N.B.—The scope of the aphorism with its full explanation extends upto the beginning of the next aphorism.

2. ऋकप्रतिशाख्य—पटल 1, 2, 3, 4, 5, 6, 16, 17, 18.

Books recommended for Study

1. T. Burrow—The Sanskrit Language.
2. Bathakrishna Ghosh—Linguistics Introduction to Sanskrit.
3. Dr. R. G. Bhandarkar—Wilson Philological Lectures, I, II, III and VII.
4. I. J. S. Taraporewala—Elements of the Science of Language.
5. Siddheswar Verma—Phonetic observations of Ancient Indian Grammarians.

१२. ज्योतिषशास्त्र

Paper V—

1. बृहज्जातक with उत्पलऽ commentary.
2. सारावली.

Paper VI—

- (a) सूर्यसिद्धान्त with सुधावर्षिणी
- (b) ग्रहलाघव of गणेशद्वज

Books recommended for Study

1. S. B. Dixit—भारतीय ज्योतिषशास्त्राचा इतिहास.
2. Dr. G. Buhler—Astronomic, Astrologic and Mathematic.

१३. अर्थशास्त्र

Paper V—

1. अर्थशास्त्र of कौटिल्य I—IV (Bombay University Edition of Professor R. P. Kangle).
2. राजधर्मपर्व from महाभारत XII (B.O.R.I. Edition).

Paper VI—कामकन्दकीयनीतिसार

Books recommended for Study

1. Jayaswzal—Hindu Polity.
2. Narendranath Law—Hindu Polity.
3. R. P. Kangle—Kautiliya Arthasastra, Vol. III.

१४. पुराणशास्त्र

Paper V—

- (i) महाभारत—आदिपर्व
- (ii) रामायण—उत्तरकाण्ड.

Paper VI—

- (a) विष्णुपुराण (Bibliotheca Indica edition).
- (b) मत्स्यपुराण.

Books recommended for Study

1. Pargitar—Ancient Indian Historical Tradition.
2. Pargitar—The Purana Text of the Dynasties of the Kali Age.
3. R. C. Hazra—Studies in Puranic records on Hindu rites and customs.
4. R. C. Hazra—Studies in Upapuranas Vols. I and II.
5. Cambridge History of India, Vol. I, Ch. III.
6. A. D. Pusalkar—Studies in Epics and Puranas of India.
7. S. A. Dange,—Legends in the Mahabharata.
8. G. J. Held—Aspects of Early Vishnuism.

Alternative to Second Language

Paper VII—

- (a) Not more than two classical Sanskrit Dramas with the study of Prakrit Passages therein

मुद्राराक्षस

50 marks

- (b) select portions from Classical Sanskrit Prose or Campu. कादंबरी Peterson's Edition, Bombay University Publication, Paras 1 to 50

50 marks

Paper VIII—

- (a) A select portions from Classical Mahakavyas.
नेष्य Cantoes 1 and 2. 60 marks
- (b) Pali—Reader—Dharmananda—Koshambi and C. V.
Rajwade. 20 marks
- (c) Prakrit—Pravesika (Hindi translation of Wholner's
Introduction to Prakrit). Passage 1 to 10. 20 marks

Patr I—Paper I, III, V and VII—(to be studied is 1980-81)

Part II—Papers II, IV, VI and VIII—(to be studied is 1981-82).

10. PALI

Part I—Papers I, III, V, VII—1980-81.

Part II—Papers II, IV, VI VIII—1981-82.

Subordinate

Paper I—*Prose* : Selected prose-text—100 marks.

Paper II—*Poetry* : Selected poetry-text—100 marks.

Additional for Principal**Paper III—**

- (a) Grammar Kaccayam—Vyakarana, only *Samdhikappa*
and *Namakappa* to be studied. 30 marks
- (b) Translation from Pali into English—Marathi—Gujarati
Hindi 30 marks
- (c) Translation from English into Pali *or* Essays preferably
in Pali 40 marks

(Six exercise in each year to be done by the student as under :—

- (i) Two from Pali into English/Marathi Gujarati/Hindi.
(ii) Two from English into Pali.
(iii) Two essays in Pali).

Paper IV—

- (i) Non-canonical text— 50 marks
- (ii) Cultural History of Buddhism in India and out-side 50 marks
(a) Religion (b) Fine Art (c) Cultural Life.

Paper V—*The Abhidhamma Philosophic Literature*

100 marks

Paper VI—*The Abhidhamma Literature.*

Alternative to Second Language

Paper VII—

(i) Study of Vamsa Literature.

(ii) Study of commentary on the Vamsa Literature.

Paper VIII—

(i) Study of commentary—Literature with prescribed text from the Suttth Pitaka.

(ii) Pali Secular Literature.

List of Books

The portion of Grammar to be studied under Paper III has been modified with effect from June, 1981.

Subordinate

Paper I—*Prose*

(i) Canonical text — महावग्गो Part 1 (B.U.Ed.) Khandekar 1 and 2 (pp. 1—220).

(ii) Non-canonical text — मिलिन्दपञ्चो (B. U. Ed.) Chapter IV (pp. 93—321).

Paper II—*Poetry*

1. Canonical Text—थेरगाथा (B.U.Ed.)

Theras 255 to 264

Verses 866 to 1288.

2. Non-Canonical Text—तेलकटाहागाथा (Complete)

Additional for Principal

Paper III—

1. Grammar—Kaccayana-Vyakarana

2. Translation from Pali into English/Marathi/Gujarati

3. Translation from English into Pali or Essays preferably in Pali

Paper IV—

1. Non-Canonical Text : सासनवंसो (Nalada Ed.).
2. Culural History of Buddhism in India and outside

Books recommended for study

1. 2500 years of Buddhism—Ed. P. V. Bapat Govt. of India Publications.
2. Buddhist Arts in India, Burma and Ceylon—A. K. Coormaraswamy.

Paper V—*The Abhidhamma Literature*

1. विसुद्धिमग्गो (Bharatiya Vidya Bhavan Ed., Chapter 3 to 8) (pp. 57—199).
2. अभिधम्मत्थसंग्हो with नवनीत टीका Chapter 4 to 7 (pp.).

Paper VI—

1. कथावस्तु (Nalanda Ed.) Chapter 1 pp. 94-153. Chapter 2 pp. 154-206.
2. पुग्गलपञ्जति (Nalanda Ed.)—Complete.

Alternative to Second Language

Paper VII—

1. महावंसो (B.U.Ed.) Chapters—6 to 10 (versed 508-792).
2. महावंस टीका (Nalanda Ed.) Chapter 6 to 10.

Paper VIII—

1. चम्मपदअठ्ठकथा (Nalanda Ed.)—Vaggas 1 to 4.
2. सद्धम्मसंग्हो (Nalanda Ed.) Complete.

11. ARDHA-MAGADHI

Syllabus, Papers and list of books will be the same as per old M.A. degree course. (Pamphlet No. 95).

12. AVESTA-PAHLAVI

Part I (1980-81) — Papers I, III, V and VII*
*(formerly Paper VIII)

Part II (1981-82) — Papers II, IV, VI and VIII*
*(formerly Paper VII)

Subordinate

Paper I—

Avesta-Gatha Ushtavaiti 1-2—(Yasna 43-44) (to be studied in Part I in 1980-81).

Paper II—

Pahlavi—Datistan-i-Denik, edited—T. D. Ankelesaria, Pursishna XI—XX. (to be studied in Part II in 1981-82).

Additional for Principal**Paper III—**

Avesta and Pahlavi—Unseen passages for Translation (to be studied in Part I in 1980-81).

Paper IV—

Gatha Ahunavaiti 1-3 (Yasna 28-80), Avesta and Pahlavi

Denkart Book IX, edited—D. P. Sanjana, Vol. XVIII. Chapter XLIX, L, LI.—(to be studied in Part II in 1981-82).

Paper V—

Old Persian Cuneiform Inscription at Bahistan, Columns I and II.

Sasanian Pahlavi Inscriptions at Hajiabad and Bishapur.—(to be studied in Part I in 1980-81).

Paper VI—

Pazed-Shkand Gumanik Vijar, edited—Hoshang West, Chapter IX.

Historical and Comparative Grammar of the Iranian Languages, Avesta, Old Persian, Pahlavi and Pazand.—(to be studied in Part II in 1981-82).

Alternative to Second Language**Paper VII—**

Pahlavi—General study of the Handarz Literature. Prescribed Text : Handars-i-Aturpat-i-Maharasband.—(to be studied in Part I in 1980-81)

Paper VIII—

General study of the Yasht Literature prescribed text : Tishtrya Yasht. (to be studied in Part II in 1981-82).

13. MARATHI

Part I—Papers I, III, V and VII—(to be studied in 1980-81)

Part II—Papers II, IV, VI and VIII—(to be studied in 1981-82).

Paper I—*Modern Prose and Poetry Text*—(Post Mardhekar Period).

Paper II—Study of a Modern Author (1880-1940 Prior to Mardhekar)
(With not more than four texts)

राम गणेश गडकरी

१. वाग्वैजयंती
२. सं. एकच प्याला
३. सं. भावबंधन
४. संपूर्ण बाळकराम.

Paper III—History of Literature (1874-1960) Prior to Mardhekar.

Paper IV—*Theory of Literature*

Topics

१. साहित्य म्हणजे काय ? (साहित्याचे माध्यम, साहित्यकृती आणि तिचा घाठ यांच्या विचारांसह)
२. साहित्याचे प्रयोजन.
३. साहित्याची निर्मिती व आस्वाद यामधील कल्पनाशक्तीचे कार्य.
४. साहित्यातील प्रवृत्ती आणि विचार प्रणाली.
(अ) गूढवाद (पौरस्त्य आणि पाश्चात्य)
(आ) अति वास्तववाद
(इ) अस्तित्ववाद.
५. साहित्याची भाषा व शैलीविचार.
६. साहित्याचे प्रकार: वर्गीकरणाचे तत्त्व, तंत्रविचार आणि प्रकार निष्ठ समीक्षा.
७. साहित्य, ललितकला आणि सौंदर्यविचार.
८. साहित्य: मूल्यविचार
९. वाङ्मयीन अभिरुची.
१०. वाङ्मयेतिहासाची संकल्पना.

Paper V—

Linguistics Study of Marathi Language with reference to the following topics.

(a) *General Principles of Linguistics*

१. भाषाशास्त्र म्हणजे काय ?
२. प्रमाणभाषा आणि बोली यांचे परस्पर-संबंध
३. ध्वनिविचार (Phonology)
 - उच्चार आणि लेखन यामधील अंतर
 - स्वर, अर्धस्वर, व्यंजन, अर्थनिर्णायक उच्चारभेद. (Phoneme), गौण-आश्रित अच्चारभेद, (Allophone).
४. ध्वनिपरिवर्तन : स्वयंभू व सापेक्ष ध्वनिपरिवर्तन, —स्वरूप, कारणे व प्रकार.
५. अर्थविचार शब्दांना अर्थ कसे प्राप्त होतात यांचा विचार.
६. अर्थपरिवर्तन—स्वरूप, कारणे व प्रकार.
६. वर्णनात्मक भाषाविज्ञानाची मूलतत्वे.
८. ऐतिहासिक भाषाविज्ञानाची मूलतत्वे.

(b) *Origin and Development of Marathi Language :*

- मराठीचे कालिक भेद—प्राचीन मराठी (प्रारंभापासून १३५० पर्यंत)
- मध्य मराठी (१३५० ते १८००)
 - अर्वाचीन मराठी (१८०० नंतर)

(c) *Dialects of Marathi :* प्रादेशिक आणि अन्य (स्थूलविकार)

- (१) कोकणी, (२) वऱ्हाडी, (३) वारली.

Paper—VI—*Applied Criticism.**Topics*

१. समीक्षा म्हणजे काय ?
२. समीक्षेची उद्दिष्टे
३. समीक्षेचे प्रकार आणि पद्धती—तात्त्विक विवेचन.
 - (अ) रसनिष्ठ
 - (ब) समाजशास्त्रीय
 - (क) रूपनिष्ठ
 - (ड) मानसशास्त्रीय
 - (इ) आदिबंधात्मक.

४. समीक्षापद्धतीचे उपयोजन :—

- (अ) रूपनिष्ठ समीक्षा
(ब) मानसशास्त्रीय समीक्षा.

प्रत्यक्ष उपायोजनासाठी शिफारस केलेल्या साहित्यकृती—

कादंबरी (१) वज्राघात (२) सावित्री (३) कोसला (४) काळा सूर्य आणि
हॅट घालणारी वाई

नाटक—(१) राजा इडिपस, (२) तुझे आहे तुजपाशी, (३) सं. सौभद्र.

कविता (दहा)

(१) इवलेसे रोप	ज्ञानेश्वर
(२) कन्या सासु-यासी जाये	तुकाराम
(३) खेडयातील रात्र	बालकवी (बालकवींची कविता)
(४) स्वप्नाची समाप्ती	कुसुमाग्रज (विशाखा)
(५) ह्या गंगेभदि गगन विस्तळले	बा. सी. मर्ढेकर (मर्ढेकरांची कविता)
(६) त्रिधा राधा	पु. शि. रेगे (गंधरेखा)
(७) ऐक जरा ना.....	इंदिरा (मृगजळ)
(८) दांतापासून दांताकडे	विंदा करंदीकर (मृदूगंध)
(९) ऊन	वा. रा. कान्त (दोनुली)
(१०) माझे विद्यापीठ	नारायण सुर्वे (माझे विद्यापीठ)

Paper VII—

Study of two old authors.

- (१) ज्ञानेश्वर व खाली नमूद केलेल्यांपैकी एक—१९८०-८१ साली.
तुकाराम, मुक्तेश्वर, रामदास, वामनपंडित, मोरोपंत.

Paper VIII—*Problems of Marathi Grammar*

सामान्य विचार

१. व्याकरणाच्या रचनेचे आणि अभ्यासाचे प्रयोजन काय ?
२. व्याकरणसिद्धीकरिता आधारभाषा कोणती ? प्रमाण की बोलण्यातील ?
३. व्याकरणाचा पुनर्विचार आवश्यक का ?
४. संस्कृत आणि इंग्रजी व्याकरणाच्या चौकटीत मराठी व्याकरण बसविण्याच्या प्रयत्नामुळे निर्माण झालेले प्रश्न.

वर्णविचार

मराठी वर्णमालेच्या पुनर्विचाराची आवश्यकता :

१. वर्णांचे उच्चारभेद
२. स्वरांच्या ऱ्हस्वदीर्घत्वामागील तत्त्व
३. वर्णांची संख्या निश्चिती
४. बाराखडीचे पूर्णापूर्णात्व.

शब्दविचार

शब्दांच्या जातिनिश्चितीचे तत्त्व आणि जातिनिश्चिती :

१. शब्दांचे विकारी आणि अविकारी हे वर्गीकरण पुरेसे आहे काय ?
२. नामाचे वेगवेगळे प्रकार मानावेत काय ?
३. विशेषण विकारी की अविकारी ?
४. सर्वनाम हे स्वतंत्र जाती आहे काय ?
५. क्रियाविशेषण व अव्यय ह्या वेगवेगळ्या जाती आहेत काय ?
६. शब्दयोगी व केवलप्रयोगी अव्यये ही शब्द आहेत काय ?

शब्दविचार

लिंगविचार : लिंगनिश्चितीचे तत्त्व व लिंगनिश्चिती

सामान्य रूपविचार : विभक्ति विचार:

१. विभक्ति प्रत्ययावरून की अर्थावरून
२. विभक्तीची नावे
३. विभक्तिप्रत्ययविचार :
 - (अ) शून्य प्रत्यय आणि चा, ची, चे हे विभक्ति प्रत्यय मानावेत काय ?
 - (ब) शब्दयोगी अव्यये व विभक्तिप्रत्यय यांमधील भेद
 - (क) विभक्तिप्रत्यय हे चरम प्रत्यय असतात काय ?
 - (ड) उपपदार्थ मानावेत काय ?
४. विभक्ति संख्या

क्रियापदविचार:

१. क्रियापदविचार हा काळ व अर्थ यांवरून की प्रत्ययांवरून ?
२. संयुक्त क्रियापद मानावे काय ?
३. शक्य व प्रयोजक हे स्वतंत्र्य क्रियापदप्रकार मानावेत काय ?

वाक्यविचार :

१. प्रयोग किती मानावेत व का ?
२. कर्त्याची व्याख्या
३. कर्म व पूरक यांमधील फरक
४. मराठीच्या संदर्भात वाक्यपृथक्करण, वाक्यातील शब्द चालविणे व त्याची युक्ता-युक्तता.

संकीर्ण

१. संस्कृत समासव्यवस्थेची मराठीच्या संदर्भात युक्तायुक्तता
२. व्याकरणाच्या कक्षेत शब्दसिद्धिविचार व व्युत्पत्तिविचार येतात काय ?
३. लेखनाचे नियम आणि व्याकरण यांचे परस्पर संबंध.
४. अनुस्वार आणि अनुनासिक यांचे स्वरूप आणि त्याचा उपयोग.

Or

Paper VIII—Research Methodology and Dissertation

Topics

- (अ) १. संशोधन म्हणजे काय ? वैज्ञानिक सामाजिक व साहित्यिक संशोधन: साम्यभेद.
२. साहित्य—संशोधन : स्वरूप, प्रकार व पद्धती.
३. साहित्यसंशोधन : भाषाशास्त्र व बोलींचा अभ्यास.
४. पाठचिकित्साशास्त्र :—
प्राचीन हस्तलिखितविचार, लिपिविचार, कालनिर्णय, ऐतिहासिक कागदपत्रे, शिलालेख, ताम्रपट इत्यादींचा विचार.
५. साहित्य—संशोधन व साहित्येतिहास :
(ग्रंथकार, साहित्यप्रकार, कालखंड, साहित्यकृती)
६. साहित्यसंशोधन व समीक्षा ;
७. साहित्यसंशोधन व साहित्यकृतीचा, ग्रंथकारांचा तुलनात्मक अभ्यास.
- (ब) ८. ग्रंथालयीन वाचनाचे संयोजन व ग्रंथसूचिशाल.
९. संशोधन साधने : (स्थूलपरिचय) (फोटोस्टॅट, मायक्रोफिल्म, झॅरोक्स, गणक यंत्र इ.)
- (क) १०. विद्यापीठीय प्रबंधलेखन पद्धती

Or

Paper VIII—

Problems of Marathi Prosody and Rhetorics.

छंद

(छंद ही संज्ञा संदर्भानुसार मर्यादित किंवा व्युत्पन्न अथवा व्याख्यान)

१. छंदःस्वरूप

१. गद्य आणि पद्य यांतील भेद.
२. गद्येचे मूलतत्त्व : ताल की लय ?
३. छंद आणि चाल यांतील अंतर
४. छंद काव्याला आवश्यक आहे काय ?

२. छंदाचे आग्नेखन

१. लघुगुरुप्लूत यांचा विचार
२. यातिविचार
३. वृत्त-जाति-छंद यांतील गणरचनेचे स्वरूप.

३. यमक छंदाला आवश्यक आहे काय ?

४. प्रमुख छंदः प्रकार

१. अनावर्तनी आणि आवर्तनी वृत्ते
२. समवृत्ते आणि अर्थसमवृत्ते
३. जातींची आवर्तनशीलता
४. आद्यतालकपूर्व गण, ध्रुवपद ; कडवे, अंतरा आणि मेळ
५. सम, अर्थसम आणि विषम जाती
६. सम, अर्थसम आणि विषम छंद.

५. काही विलक्षण छंदः प्रकार (अनुष्टुभ, आर्या, दिंडी, ग्रांथिक ओवी)

६. गझल

१. गझल आणि रुठ वृत्ते यांतील फरक
२. गझलातील यमकरचना
३. गझलातून निर्माण झालेल्या जाती.

उदा :-

गझल	जाती
१. आनंद	विनोद
२. मंदाकिनी	वल्लभा
३. सौदामिनी	वीणावती

इत्यादी. (पहा : "छंदोरचना")

७. मुक्तछंद

१. मुक्तछंदाची आवश्यकता का ?
२. मुक्तछंदाचे मुक्तत्व आणि छंदत्व यांचा विचार.
८. मुक्तजाति-विचार.
९. गद्योच्चारी रचनांची वैशिष्ट्ये:— त्यांतील ताल, उच्चारभार (Stress), आघात (accent) नादप्रक्रिया (intonation) यांचे स्थान.
या रचनांना “मुक्तशैली” असे म्हणावे काय ?
१०. मुक्तपद्य-विचार
११. “लौकिक” छंद आणि “ग्राथिक” छंद
१२. विशिष्ट भावना आणि विशिष्ट छंद यांचे नित्य साहचर्य अपेक्षित आहे काय ?

अलंकार

१. अलंकार म्हणजे काय ?
 १. विविध व्याख्या
 २. अतिशयोक्ती—वक्रोक्ती—आणि तिची मर्यादा
 ३. कविप्रतिभात्मक चमत्कृती.
२. अलंकारांचे साहित्यातील स्थान कोणते ?
 १. अलंकार आणि रस.
 २. अलंकार आणि काव्यानुभव.
३. अलंकारांना विभ्रम म्हणणे युक्त होईल काय ?
४. अलंकारांचे वर्गीकरण
 १. वर्गीकरणाची मूलतत्त्वे
 २. स्वभावोक्तीचे स्थान.
५. श्लेषविषयक मते.
६. अलंकारांची पुनर्व्यवस्था
 १. अलंकार : नामविचार.
 २. अलंकार : संख्याविचार.
७. नवे अलंकार (इंग्रजीतून मराठीत आलेले अलंकार) .
८. अलंकाराचे मूलतत्व : पद्धती की विषय (उदाहरणार्थ, “दीपक” सारखे पद्धती-संबंध अलंकार आणि “मरण”, उदात्त यांसारखे विषयसंबद्ध अलंकार हे अलंकार मानावेत काय ?)
९. अलंकार आणि प्रतिभा विचार.

List of Text Books in Marathi at the M.A. degree examination.

Paper I—Modern Prose and Poetry Texts—(Post Mardhekar Period)

- (१) एक शून्य बाजीराव—चि. त्र्यं. खानोलकर, नाटक.
- (२) आठवणींचे पक्षी—सोनकांबळे—ललित, आ मचरित्रात्मक.

Alternative book Prescribed

मुक्काम पोष्ट देवाचे गोठणे—माधव कोंडवित्कर

- (३) एका नृत्याचा जन्म—श्री. दा. पानवलकर—कथासंग्रह.
- (४) रंग माझा वेगळा—सुरेश भट—कविता.

**Paper II—Study of a Modern Author (1880-1940—Prior to Marathekar)
(With not more than four texts.)**

राम गणेश गडकरी

१. वाग्वैजयंती
२. सं. एकच प्याला
३. सं. भावबंधन
४. संपूर्ण बाळकराम.

Paper III—History of Marathi Literature (1874 to 1960)

- (१) मराठी वाङ्मयाचा इतिहास—खंड ५ (१८७४-१९२०)—सं. रा. श्री. जोग.
- (२) आधुनिक मराठी वाङ्मयाचा इतिहास भाग २—लेखक : डॉ. अ. ना. देशपांडे.
- (३) प्रदक्षिणा—(कॉटिमेंटल प्रकाशन) आ. ५.

Paper IV—Theory of Literature

Books recommended

१. सौंदर्यमीमांसा—रा. भा. पाटणकर
२. साहित्य आणि सौंदर्य—बा. सी. मर्ढेकर
३. सौंदर्यानुभव—प्रभाकर पाध्ये
४. साहित्य: स्वरूप आणि समीक्षा—वा. ल. कुळकर्णी
५. साहित्य: निर्मिति आणि समीक्षा—दि. के. बेडेकर
६. छांदसी—पु. शि. रेगे

७. साहित्यातील संप्रदाय—रा. शं. वाळिंबे
८. वाङ्मयीन वाद—म. सा. परिषद, पुणे.
9. *Critical Approaches to Literature*—David Daiches.
10. *Theory of Literature*—Warren & Wellech.

Paper V—*Linguistic Study of Marathi Language*

- (1) *Language*—Edward Sapir.
- (2) *Language*—Bloomfield .
- (3) *Linguistic Survey of India*—Vol. VII—G. Grierson.
- (4) *Dialects of Marathi*—Vol. VII.—Ghatge.
- (५) भाषा आणि भाषाशास्त्र—श्री. मा. गजेंद्रगडकर.
- (६) ध्वनिविचार—ना. गो. कालेलकर.
- (७) भाषेचा आर्थिक व्यवहार—अशोक वेळकर.
- (८) भाषाविचार आणि मराठीभाषा—गं. ब. ग्रामोपाध्ये.
- (९) मराठीचा भाषिक अभ्यास—सं. मु. श्री. कानडे.
- (१०) मराठी भाषा उद्गम आणि विकास—कृ. पां. कुलकर्णी.
- (११) यादवकालीन मराठी भाषा—शं. गो. तुळपुळे.
- (१२) ग्रंथिक मराठी भाषा आणि कोकणी बोली—अ. का. प्रियोळकर.
- (१३) नागपुरी बोली—व. कृ. वन्हाडपांडे.

Paper VI—*Applied Criticism*

Books recommended

१. साहित्याचे मानदंड—गंगाधर गाडगीळ
२. जास्वंद—माधव आचवल
३. केशवसुत गाउनी गेले—सं. वसंत दावतर
- ४ 'कोसला' बद्दल—भाऊ मांड
५. सं. सौभद्र : घटना आणि स्वरूप—व. दि. कुळकर्णी
६. समीक्षेची नवी रूपे—गंगाधर पाटील
७. टीकाविवेक—श्री. के. क्षीरसागर
८. रसास्वाद—माधव आचवल.
9. *Five Approaches of Literary Criticism*—Willeer Scott.

Paper VII—Study of two Old Authors

- (१) ज्ञानेश्वर
(२) तुकाराम (१९८०-८१ सालाकरिता)

ज्ञानेश्वर : (१) चांगदेव पासष्टी, (२) ज्ञानेश्वरी अध्याय-१२, (३) ज्ञानेश्वरःचे निवडक अभंग (सुमारे ६०)*

ज्ञानेश्वरांचे निवडक अभंग (६०)

प्रथम चरण	क्रमांक
(१) अरे अरे ज्ञाना झालासि पावन	२४५
(२) अनुपम्य तेजे धवळले ब्रम्हांड	२६३
(३) अवघाचि संसार सुखाचा करीन	५४
(४) अवघ्या बाहीं म्यां व्योम कवळिलें	६०१
(५) अवचिता परिमळु झुळकला अळुमाळु	१९३
* (६) आजि देखिलें रे आजि देखिलें रे	४७
(७) आजि सोनियाचा दिनु	२२९
* (८) आतां याजपरतें उरलें नाही कांहीं	७२३
(९) आनंदाच्या ताटीं अमृताची वाटी	५३
(१०) आरंभीं आवडी आदरें आलें नाम	४१६
(११) इवलेंसें रोग लाविलें द्वारीं	२३४
* (१२) उठि उठि गोपाळा उघडी स्वरुप लोचना	२४६
(१३) एकतत्व नाम दृढ धरी मना	७६२
* (१४) कापुराचें भांडें म्या ब्रम्हरसें भरिलें	५५४
(१५) कापुरीं परिमळु दिसे वो अळुमाळु	३८४
(१६) कानोबा तुझी घोंगडी चांगली आम्हांसी कां दिली वांगली	९०३
(१७) काय सांगू तूतें बाई	८९६
(१८) कोंवळें ठुसठुसित मोतियांचे घड	१००
* (१९) कांही नेणोनियां आन	१३६
(२०) गुरु हा संतकुळीचा राजा	९०२
(२१) गुजगुजीत रूप सावळे सगुण	२३१
(२२) घन् वाजे घुणघुणा	१९०

उजव्या बाजूला दाखविलेले अभंग/गीत क्रमांक श्री सकलसंतगाथा खंड पहिला (आवृत्ती १९६७) यातील, * अशी खूण केलेल्या रचना सार्थ श्री ज्ञानदेव अभंग गाथा (संपादक: डॉ. प्रल्हाद नरहर जोशी) या संग्रहातून घेतल्या आहेत. त्यांचे क्रमांक त्या गाथे नुसार आहेत.

	प्रथम चरण	क्रमांक
(२३)	चातकाची तूषा भेघे पुरविली	२८१
(२४)	चिचेच्या पानि एक शिवालय उभविलें आधि कळसु मग पायारे	७०६
* (२५)	चित्रीं सूर्यबिंब काढू येईल चांग	१६
(२६)	जाणों गेल्यें तंव जाणणें राहिलें	६७१
(२७)	ज्यांचेंगुणनाम आठवितां मनचि नाही होय	४८
(२८)	ज्याचिये आवडी संसार त्यजिला	१९३
(२९)	तुज सगुण म्हणों कीं निर्गुण रे	४०
(३०)	तुझिये निढळीं कोटि चंद्र प्रकाशे	९९
(३१)	त्वचेचिया रानां घाडूं नको मना	१५६
(३२)	दीनपण दवडूनि दिनानाथें मेळाविलें	३२१
(३३)	दुडिवरी दुडि साते निघाली	१६६
(३४)	देखिले तुमचे चरण	२४९
(३५)	देवाचिया द्वारी उभा क्षणभरी	७३७
(३६)	देहाचेनि दीपकें पाहे जों सभोंवळें	२९०
(३७)	निळिये रजनी वाहे भोतिया सारणी	४९
(३८)	पांडुरंग कांती दिव्य तेज झळकती	७६४
(३९)	पंल तो गे काऊ कोकताहे	१८८
(४०)	बरवा वो हरि बरवा वो	३७
(४१)	बरवें पाउलें पाउलें	५२०
(४२)	भावंवीण भक्ति भक्तिवीण मुक्ती	७४०
(४३)	भेटिसी गेलीये तंव तीच जाजिबे	२००
(४४)	मलयानिळ शीतळु पालवी नये गाळू	५२४
* (४५)	योगब्रष्टाचें वर्णन	४३४
(४६)	योग याग विधी येंणें नव्हे सिद्धि	७४१
(४७)	रूणुजुणु रूणुजुणुरे भ्रमरा	५१६
(४८)	रूप पाहतां लोचनीं	१
(४९)	वऱ्हाड न होतां होतों खेळेमेळे	१४४
(५०)	विश्वाचे आर्त माझे मनीं प्रकाशलें	६६४
(५१)	श्रीगुरुसारखा असतां पाठीराखा	२५२
(५२)	समाधी हरीची समसुखेंवीण	७४९

उजव्या बाजूला दाखविलेले अभंग/गीत क्रमांक श्री सकलसंतगाथा खंड पहिला (आवृत्ती १९६७) यातील, * अशी खूण केलेल्या रचना सार्थ श्री ज्ञानदेव अभंग गाथा (संपादक : डॉ. प्रल्हाद नरहर जोशी) या संग्रहातून घेतल्या आहेत. त्यांचे क्रमांक त्या गाथें नुसार आहेत.

	प्रथम चरण	क्रमांक
(५३)	समाधिसाधन संजीवननाम	४००
(५४)	सांवळीये निळी भुलली एकी नारी	१५३
(५५)	सुख सेजारीं असतां कळि जाली वो पाहतां	१९८
(५६)	सुखीं सुख मुरे तेंथें कोण झुरे	६२५
(५७)	सोनयाचा दिवस आजि अमृतें पाहाला	७५
(५८)	सोळा कळि चंद्र पूर्णिमे पूर्ण बोधु	२२३
(५९)	संताचे संगती मनोमार्गती	७४४
(६०)	हरि आला रे हरि आला रे	४४०

तुकाराम : तुकारामांचे निवडक अभंग (सुमारे ३००)*

तुकाराम (अभंग सुमारे ३००)

(अभंगांचे क्रमांक मुंबई सरकारने प्रकाशित केलेल्या श्री तुकारामबावांच्या अभंगांची गाथा यानुसार आहेत).

अभंग

१	४	७	३१	३६	५५	५६	५९
६१	६२	६३	६४	६५	८१	८८	९०
९१	१००	११६	११७	१२३	१३१	१७८	२४२
२५८	२५९	२६२	२६४	२६६	२७२	२८९	२९०
२९१	२९४	३००	३०६	३०८	३२०	३४४	३४७
३६८	३७१	५१९	५२०	५३१	५३३	५५६	५५७
५५९	५६२	५६३	५६६	५७२	५७३	५८१	६११
६१३	६४५	६७६	६९६	७०२	७०४	७१०	७६५
७७८	७८९	७९०	७९१	८०७	८१०	८१२	८१५
८२६	८३०	८५८	८६६	८७३	९१९	९२३	९४८
९५७	९८७	९९३	९९७	१००७	१०२२	१०२७	१०३३
११३६	११४१	१२१४	१२३५	१२६०	१२८२	१२८३	१२८७
१२८८	१३१८	१३१९	१३२०	१३२८	१३३३	१३३५	१४००
१४१०	१४३२	१४३६	१४४८	१४८०	१४८२	१५०९	१५१०
१५१९	१५२४	१५२५	१५२८	१५३०	१५३१	१५३६	१५४१
१५६६	१५६९	१५८७	१५८९	१५९२	१५९६	१५९८	१६००

अभंग

१६०३	१६०६	१६०७	१६०९	१६२१	१७२९	१७३२	१७५१
१७९६	१८५४	१८५९	१८६२	१८८४	१८८६	१८८७	१८८८
१८८९	१८९३	१८९५	१८९६	१८९७	१८९८	१९०९	१९८१
१९९१	२०००	२००६	२००८	२०१०	२०४१	२२२२	२२२४
२२२५	२२४०	२२४१	२२४३	२२४५	२२४६	२२४७	२२६६
२२९०	२२९८	२३०५	२३०६	२३१०	२३२४	२३३४	२३४०
२३६६	२३७१	२३७२	२३७६	२३७८	२३८०	२३८१	२४८४
२४९२	२४९३	२५८७	२६६८	२६६९	२६७०	२६७६	२७०६
२७८०	२७८३	२७८७	२८२१	२८४७	२८५७	२८६१	२८६४
२८७०	२८७१	२८७५	२९१६	२९२७	२९८१	३०५२	३०६९
३०७०	३०८७	३०८८	३२२५	३२५१	३२५४	३३१५	३३१६
३३६१	३३९६	३४०३	३४४६	३४५३	३४५७	३७१८	३७१९
३७५५	३८३९	३८४२	३८६४	३८६६	३८६९	३८७१	३९२९
३९९३	३९९७	४०३१	४०५१	४०५३	४०६९	४०७२	४०८१
४०४२	४०९१	४१०८	४१२०	४१५९	४२०९	४२१९	४२४४
४२४५	४२९९	४३०६	४३१६	४३४३	४३४८	४३७६	४३७८
४४७१	४४८१	४५०३					

सांप्रदायिक, रूपकात्मक, कथनपर इत्यादि प्रकारातील रचना

१२७	१३९	१५०	१५२	१५६	१७२	१८९	१९०
१९२	१९४	४२६	४५४	४७३	५०३	५०४	५०७
११४७	११४९	४५११	४५५५				

Paper VIII—Problems of Marathi Grammar

Books recommended

१. मराठी व्याकरणाचा पुनर्विचार—अरविंद मंगरुळकर
२. मराठी व्याकरणाची मूलतत्त्वे—ग. ह. केळकर
३. मराठी व्याकरणाच्या समस्या—प्रा. दीक्षित
४. आधुनिक मराठीचे उच्चतर व्याकरण—म. पां. सबनीस
५. शास्त्रीय मराठी व्याकरण—मोरो केशव दामले
६. मराठीचे अंतरंग—गो. कृ. मोडक
७. मराठीचे व्याकरण—लीला गोविलकर.

Or

Paper VIII—Research Methodology and Dissertation

Books recommended

१. अ. का. प्रियोलकर स्मृतिग्रंथ (सं. डॉ. कोलते यांचा 'पाठचिकित्सा' हा लेख)
२. संशोधनपद्धती, प्रक्रिया, अंतरंग—डु. का. संत
३. शोधनिबंधाची लेखनपद्धती—स. गं. मालशे
४. ज्ञानदेवी अ. १, ७—श्री. ना. बनहट्टी
ज्ञानदेवी अ. १०—रा. ग. हर्षे
५. सद्भावनिवर्णन—कोलते
६. प्राचीन मराठी कोरीव लेख—तुळपुळे
७. Elements of Research—F. L. Whitney.

Or

Paper VIII—Problems of Marathi Prosody and Rhetorics

Books recommended

छंद

१. छंदोरचना—प्रा. माधव त्रिपटवर्धन.
२. मराठी छंदोरचना (लयदृष्ट्या पुनर्विचार)—डॉ. ना. ग. जोशी.
३. मराठी छंदोरचनेचा विकास—डॉ. ना. ग. जोशी
४. तुलनात्मक छंदोरचना—डॉ. ना. ग. जोशी.

अलंकार

१. काव्याची भूषणे—मधुकर बासुदेव धोंड.
२. काव्यविभ्रम—रा. श्री. जोग.
३. नवे अलंकार—रा. अ. काळेले.
४. काव्यशास्त्राची प्रस्तावना—गो. के. भट.
५. काव्यालोचन—दत्तात्रेय केशव केळकर.
६. भारतीय साहित्यशास्त्र—गणेश त्र्यंबक देशपांडे.
७. Poetic Image—C. D. Lewis.

14. GUJARATI

Part I—Papers I, III, V and VII

Part II—Papers II, IV, VI and VIII

Paper I—(a) *Poetry Tests*

- (૧) શેષનાં કાવ્યો—૨૧. વિ. પાઠક
- (૨) વસુધા—સુંદરમ્
- (૩) અનુનય—જયંત પાઠક
- (૪) એડિસિયસનું હલેસું—સિતાંસુ યશશ્રંદ

Paper II—

- (૧) સરસ્વતીચંદ્ર—ભાગ—૧
- (૨) જ્યાજ્યાન્ત—જ્ઞાનાલાલ
- (૩) સમૂળી કાન્તિ—કિશોરલાલ મથુરવાળા
- (૪) ગૃહપ્રવેશ—સુરેશ જોષી

Paper III—

Period of Literature : Detailed and intensive study of the principal works of the following authors :—

(a) *Medieval Period 1500 to 1850 A.D.*

- (૧) પ્રેમાનંદ
- (૨) દયારામ

(b) *Modern Period 1885 to 1970 A.D.*

- (૧) નરસિંહરાવ
- (૨) મુનશી

Paper IV—

વિભાગ પહેલો :—ભાષાશાસ્ત્રના સામાન્ય સિદ્ધાન્તો

- (૧) ભાષાશાસ્ત્રનાં વિષય અને સ્વરૂપ
- (૨) ભાષાનું સામાન્ય સ્વરૂપ
- (૩) ધ્વનિતંત્ર : ઉચ્ચારણના અવયવો: ધ્વનિનો ઉત્પાદન-વ્યાપાર
- (૪) રૂપતંત્ર (શબ્દસિદ્ધિ, સમાસ, રૂપસિદ્ધિ, વાક્યરચના)
- (૫) ભાષાના અધ્યયન પ્રકાર:

વર્ણનાત્મક દષ્ટિ:

ઐતિહાસિક દષ્ટિ (ભાષાકીય પરિવર્તન, ક્રમિક વિકાસ સાદૃશ્ય પરભાષાનો પ્રભાવ અર્થવિકાસ)

તુલનાત્મક દષ્ટિ (બોલીઓ, ભાષાકુળો, ભાષાની ઉત્પત્તિ)

સૂચિત પુસ્તકો (૧) ભાષાવિજ્ઞાન—ક્રાન્તિલાલ વ્યાસ

(2) Introductory Linguistics Robert Hall

વિભાગ બીજો—ગુજરાતનો ઇતિહાસ અને બંધારણ

(૧) ભારતીય આર્ય અને ગુજરાતી

(૨) અપભ્રંશ અને ગુજરાતી

(૩) ગુજરાતીનો ઉદ્દગમ અને વિકાસ

(વિકાસ—ભૂમિકાઓ, ધ્વનિતંત્ર ને રૂપતંત્રનું પરિવર્તન, પરભાષાનો પ્રભાવ)

(૪) અર્વાચીન ગુજરાતી

(આરંભ, બોલીઓ, ધ્વનિતંત્ર, રૂપતંત્ર વાક્યરચના, શબ્દભંડોળ, બંધારણ)

(૫) ગુજરાતીમાં ભાષાશાસ્ત્રીય અધ્યયન

વિભાગ ત્રીજો—અપભ્રંશ વ્યાકરણ—હેમચંદ્રે આપેલા નિયમો.

સૂચિત પુસ્તિકો:—

(૧) ભારતીય-આર્ય હિન્દી (ડૉ. ચેટરજીકૃત Indo-Aryan and Hindi)

(૨)

(૩) જુની પશ્ચિમી રાજસ્થાની (તેસ્સિતોરિકૃત Grammar of old western Rajasthani નો કે. કા. શાસ્ત્રીકૃત અનુવાદ)

(૪) સ્વરવ્યંજનપ્રક્રિયા ટર્નરકૃત Gujarati Phonology ની. કે. કા. શાસ્ત્રીકૃત અનુવાદ)

(૫) Language of Maha-Gujarati—ગ્ર. ન. દવે

(૬) ગુજરાતી ભાષામાં વર્ણવ્યવસ્થા—ગ્ર. ન. દવે

(૭) ગુજરાતી ભાષાની ઉત્ક્રાન્તિ—પં. બેંચરદાસ દોશી.

(૮) અનુશીલનો—હ. યુ. ભાયાણી

(૯) ગુજરાતી ભાષાનું ધ્વનિસ્વરૂપ અને ધ્વનિપરિવર્તન—પ્રબોધ પંડિત

(૧૦) શબ્દ અને અર્થ—ભા. જી. સાંડેસરા.

(૧૧) A Gujarati Reference Grammar by George Cardona.

OR ALTERNATIVE PAPER IV

अर्वाचीन गुजराती भाषानुं व्याकरणु

(१) ध्वनिविचार अने लेखन (Phonology and Writing)

(अ) ध्वनिविचार ध्वनिओ (Phonetics) ध्वनिघटके (Phonemics) ध्वनिनंन (Phonological System), अक्षर (Syllable)

(ब) लेखन

उर्यारणु अने लेखन, विधि, संधि (Sandhi), आदेश (Substitution)

(२) व्याकरणु (Grammar)

(क) रूपविचार (Morphology)

(१) रूपरचना (Inflection) : नाम, विशेषण, सर्वनाम, क्रियापद, क्रियाविशेषण
नामयोगी, संयोगक, केवणप्रयोगी, निपात.

(२) अंगसिद्धि (Derivation) नामिक प्रत्ययो, आप्यातिक प्रत्ययो.

(३) समासरचना (Composition) प्रकारे, अर्थ.

(४) द्विरुक्त प्रयोगे: (Reduplication) : रवानुकारी प्रयोगे.

(ख) वाक्यविचार (Syntax)

शब्दसूत्र के षडक (Phrase), संयुक्त, क्रियापद (Conjunct Verb) समस्त
क्रियापद (Compound Verb) सादुं वाक्य, संकुल वाक्य, (Complex Sentence)
संयुक्त वाक्य (Compound Sentence)

(ग) अर्थविचार

विलकित प्रत्ययो अने अनुगोना अर्थ प्रेरक अने कर्मणिना अर्थ, आप्यातिक
काणो अने क्रियाप्रकारोना अर्थ.

(४) बोलीविचार

प्रादेशिक बोलीओ

(५) अर्वाचीन गुजरातीमा भाषावैज्ञानिक अध्ययनो

संदल ग्रन्थो—

(१) भाषापरिचय अने गुजराती भाषानुं स्वरूप (बीळ आवृति)—न्यंत कोठारी

(२) गुजराती भाषानुं व्याकरणु—योगेन्द्र व्यास

(३) बोलीविज्ञान अने गुजरातनी बोलीओ—योगेन्द्र व्यास

(४) डावारी बोली—शान्तिबाई आचार्य

- (૫) ભાષાવિજ્ઞાન (બીજી આવૃત્તિ)—ક્રાન્તિલાલ બ. વ્યાસ
 (૬) અર્વાચીન ભાષાવિજ્ઞાનના અભિગમો—પ્રબોધ પંડિત
 (૭) વ્યાકરણ—અર્થ અને આકાર—પ્રબોધ પંડિત
 (૮) થોડોક વ્યાકરણવિચાર (ત્રીજી આવૃત્તિ ૧૯૭૮)—હરિવલ્લભ ભાયાણી
 (૯) ગુજરાતી રેફરન્સ ગ્રેમર (યુનિવર્સિટી ઓફ પેન્સિલ્વાનિયા પ્રેસ, ફિલાડેલ્ફિયા—૧૯૬૫)
 જ્યોર્જ કાર્ડેના
 (૧૦) ગુજરાતી ભાષા વિરુદ્ધ પ્રયોગ—પ્રભાશંકર તેરેયા
 (૧૧) ગુજરાતી ધ્વનિસ્વરૂપ અને ધ્વનિપરિવર્તન (ગુજરાત યુનિવર્સિટી, અમદાવાદ)—
 પ્રબોધ પંડિત.

Paper V—

(A) Literary Essay.

(B) Theory of Literary Criticism.

(અ) પૌરસ્ત્ય કાવ્યમિમાંસા

- (૧) રસવિચાર (૨) ધ્વનિવિચાર (૩) રીતિવિચાર (૪) ઔચિત્યવિચાર
 (૫) વક્રૌકિતવિચાર

(બ) પાશ્ચાત્ય ક્લામીમાંસા (૧) કૌતુકપ્રિયતા અને શૌષ્ઠવપ્રિયતા (Romanticism and classicism)

(૨) અસ્તિત્વવાદ.....(Existentialism)

(૩) અતિવાસ્તવવાદ.....(Sur-Realism)

(૪) અભિવ્યક્તિવાદ.....(Expressionism)

(૫) અકાર વિશેનાં તત્ત્વો : (1) Imitation and Distorition (2) Myth
 (3) Motophaor (4) Immage (5) Symbol (6) Meaning
 and Being.

સુચિત ગ્રંથો :—

(૧) અભિનવનો રસવિચારનગીનદાસ પારેખ

(૨) ભારતીય કાવ્યસિદ્ધાંત.....જ્યંત કોઠારી

(૩) રિતિવિચારરાજેન નાણાવટી

(4) Critical Approaches to Literature—David Daiches.

(5) Theory of Literature—Warren and Wellock.

(6) Feeling and form—S. Langer.

(7) Existentialism from Shakespeare to Sartre—Walter Kaufmann.

Paper VI—

- (૧) વિમલપ્રબંધ—લાવણ્યસમયકૃત—સં. ધીરજીવાલ ધ. શાહ
- (૨) મદનમોહના—શામળકૃત—સં. હરિવલ્લભ ભાયાણી
- (૩) પ્રાચીન ક્ષત્રી સંગ્રહ—સં. ભોગીલાલ સાહેસરા (પ્રથમ પાંચ ક્ષત્રી)
- (૪) પ્રેમાનંદ પદાવલી—સં. અનંતરાય રાવળ.

(Note : There will be a compulsory question on reference to context)

Paper VII—

- (a) Post Independence Gujarati Literature with special reference to any one literary form.

એકાંકી for 1980-81.

- (b) Cultural History of Gujarati.

The following periods are prescribed for study.

- (1) Solanki Period.
- (2) Islamic Period.

Paper—VIII—The following topics to be studied.

(અ) ગુજરાતીમાં પત્રકારત્વ :—

- (૧) ગુજરાતી પત્રકારત્વના વિકાસની રૂપરેખા
- (૨) સમકાલીન ગુજરાતી પત્રકારત્વ
- (૩) સાહિત્યિક પત્રકારત્વ
- (૪) સાહિત્ય અને પત્રકારત્વ
- (૫) પત્રકારત્વનું કર્તવ્ય
- (૬) પત્રકારત્વ—લોકસંપર્કનું માધ્યમ.

સંદભ ગ્રન્થો :—

- (૧) ગુજરાતી પત્રકારત્વનો ઇતિહાસ—ડૉ. રતન મારશલ
- (૨) વૃત્તિવિવેચન—રમેશ રંગનાથ ગૌતમ
- (૩) અર્ધશતાબ્દીની અખબારી યાત્રા—યજ્ઞેશ શુક્લ
- (૪) પત્રકારત્વની પગદંડી—ઈશ્વરલાલ દવે
- (૫) લેખ લખવાની કળા—યાસીન દેસાઈ
- (૫) અખબારી લેખન—કુમારપાળ દેસાઈ
- (૭) સાહિત્ય અને પત્રકારત્વ—ગુજરાતી સાહિત્ય પરિષદનું પ્રકાશન

- (બ) ગુજરાતીમાં લોકસાહિત્ય
- (૧) લોકસાહિત્યની વિભાવના
 - (૨) લોકસાહિત્ય અને શિષ્ટ સાહિત્ય
 - (૩) ગુજરાતી લોકસાહિત્ય (નીચેમાંથી કોઈપણ બેનો સવિગત અભ્યાસ કરવાનો રહેશે)
 - (૧) હાલરડાં (૨) વ્રતકથાઓ (૩) લગ્નગીતો (૪) શૌર્યકથાઓ (૫) પ્રેમકથાઓ
 - (૬) સંતવાણી (૭) ખાવણાં (૮) ગરબો—ગરબી (૯) સાગરગીતો (૧૦) રાજ્યા મરશિયા.

for 1981-1982.

- (૧) શૌર્યકથાઓ
- (૨) લગ્નગીતો
- (૩) ગુજરાતી લોકસાહિત્યની પ્રાદેશિક લાક્ષણિકતા
- (૪) ગુજરાતી લોકસાહિત્યનું સંશોધન—સંપાદન

સંદર્ભ ગ્રંથો :—

- (૧) લોકસાહિત્યનું સમાલોચન—ઝવેરચંદ મેઘાણી
- (૨) ધરતીનું ધાવણ—ઝવેરચંદ મેઘાણી
- (૩) ધરતી ફેરે ફેરે—ખુંકર ચંદરવારકર
- (૪) લોકસાહિત્યનો શબ્દકોશ—જેઠાલાલ ત્રિવેદી
- (૫) ચારણો અને ચારણી સાહિત્ય—ઝવેરચંદ મેઘાણી

15. KANNADA

(Subordinate)

Paper I—*Old Prose and Poetry Texts, Including Champu and Vachana*

(Four texts to be prescribed, two being Prose and two Poetry). 100 marks

Note : Candidates are expected to study prescribed texts so as to be able to explain passages with or without reference to context and to make a critical evaluation.

Paper II—*Modern Prose and Poetry Texts, Including Drama or Essays*

100 marks

(Four texts to be prescribed, two being Prose two Poetry).

Note : Candidates are expected to study prescribed texts so as to be able to write explanatory notes on given topics and make a critical evaluation.

Additional for Principal

Paper III—

- | | |
|------------------------|----------|
| (a) Advanced Philology | 50 marks |
| (b) Advanced Grammar. | 50 marks |

(Texts to be prescribed and book to be recommended).

Note : Candidates are expected to study the texts as well as recommended books so as to be able to discuss and comprehend the thoughts therein and write critical notes on the given topics.

Paper IV—

- | | |
|-------------------------------|----------|
| (a) Advanced Poetics | 50 marks |
| (b) Modern Literary Criticism | 50 marks |

(Texts to be prescribed and books to be recommended)

Note : Candidates are expected to study the texts as well as recommended books so as to be able to discuss and comprehend the thoughts therein and write critical notes on the given topics.

Paper V—*History of Kannada Literature Including Modern Period* 100 marks

(Books to be recommended)

Note : Candidates are expected to study the chronological, formise and content-wise history of Kannada Literature so as to be able to write essay type answers as well as notes on given topics with proper evaluation.

Paper VI—

- | | |
|--|----------|
| (a) Essay or Essays on Karnataka History and Culture Including the Religious and Philosophical Movements in Karnataka. | 50 marks |
| (b) Advanced Prosody. | 50 marks |

(Books to be recommended in the case of (a) and Texts to be prescribed and books to be recommended in the case of (b).

Note : Candidates are expected to study the texts as well as recommended books in order to discuss and to write comprehensive essay type answers as well as notes on the given topics.

Additional Two Papers (Alternative to Second Languages)

Paper VII—Comparative Study of a Special form of Literature.

(The forms and texts change alternatively).

(a) Principles and Traits 40 marks

(b) Principles and Traits 60 marks

(Books to be recommended in the case of (a) and texts to be prescribed and books to be recommended in the case of (b).

Note : Candidates are expected to study the texts as well as recommended books in order to discuss and to write comprehensive essay type answer as well as notes on the given topics.

Paper VIII—Folk Literature

(a) Principles and Traits 50 marks

(b) Study of Texts 50 marks

(Texts to be prescribed and books to be recommended).

Note : Candidates are expected to study the texts as well as recommended books so as to be able to comprehend and write essay type answers as well as notes on given topics.

(ii) that the Board to Studies has not envisaged any sequential teaching and the teaching is expected paper-wise since each paper is by itself a logical unit or two Units co-related to each other (excepted in Paper VI). Therefore the Board *resolves* to recommend that the Papers I, III, V and VII to be taught in the year 1980-81 and the Papers II, IV, VI and VIII be taught in the year 1981-82. The same alternative arrangement is expected to continue till adequate number teachers be available for the subjects.

(iii) that the new syllabus and the texts prescribed for the Papers I, III, V being almost similar and same, and the teachers available to teach the subject being small in number, the Board *resolves* to recommend that the lectures for these papers be the same to the incoming M.A. Part II students and M.A. Part I students of new course.

List of books in Kannada at the M.A. degree examination

Paper I—Old Prose and Poetry

Texts prescribed for Study

Prose :

1. Shivakotyacharya—Vaddaradhane, from 6th to 13th Stories both inclusive edited by D. L. Narasimhachar Publisher : Sharada Mandira, Mysore—570004.
2. Mahadeviyakka—Mahadeviyakkana Vachanagalu (Ed.) by R. C. Hiremath). Karnatak University Dharwad 580 003.

Poetry :

1. Pampa—Vikramerjuna Vijaya (12th and 13th cantos only). Publisher : Director, Prasaraṅga, Mysore 570 012.
2. Kumaravyasa Uduoga Parva Publisher : Director, Prasaraṅga, Mysore—570 012.

Paper II—Modern Prose and Poetry.

Texts Prescribed for Study

Prose

1. S. L. Bhairappa—Vanshavriksha, Publisher : Sahitya Bhandar, Bangalore—53.
2. R. V. Kulkarni (RAKU) : Galipata, Publisher : Madhu Prakashan, Bangalore-10.

Poetry

1. Ambikatanayadatta : Gari, Publisher : Samaj Pustakalaya, Dharwar.
2. Kuvempu—Chitrangada, Publisher : Udayaravi, Mysore.

Paper III—

- (a) Advanced Philology
- (b) Advanced Grammar.

Texts prescribed for Study

1. P. G. Kulkarni—Kannada Bhasheya Charitre.
2. M. Chidananda Moorthy—Bhasha Vignanda Moola Tatwagalu. (Excepts the chapter on Lambeni language).

3. D. N. Shankar Bhatta—Sankshipta Kannada Bhasheya Charitre.
4. Keshiraja—Shabodameni-darpana.
5. R. Caldwell—Comparative Grammar of Dravidian Language (Papers 1 to 190 only).
6. M. V. Seetaramayya—Prachina Kannada Vyakarana. Publisher : Mysore University.

Books recommended for Reading

1. R. Nurasimhachar—History of Kannada Language.
2. R. Y. Dharwadkar—Kannad Bhasha Shastra.
3. Hamṁa Nagarajayya—Dravida Bhasha Vignana.
4. Channakeshava Iyengar—Introduction to Shabdamanidarpana (Madras edition).
5. V. Seetaramayya (ed.)—Vyakaranagalu (I.B.H. Publication).
6. J. S. Kulli—Keshiraja's Shabdamani—darpana.
7. H. S. Biligiri—Aloka.
8. S. B. Joshi—Kannudiya Huttu.

Paper IV—(a) *Advanced Poetics*

Texts Prescribed for Study

1. T. N. Shrikanthayya—Bharateeya Kavya Meemause, Publisher : University of Mysore, Mysore-6.
2. B. K. Shivaramayya—Alankarshastra, Publisher : University of Mysore, Mysore-6.
3. K. V. Puttappa (Ed.)—Kannada Kaipidi, Vol. I, Part III. Publisher, University of Mysore, Mysore-6.

Books Recommended for General Reading

1. K. Krishnamoorti—Bharateeya Kavya Meemause, Publisher : Bangalore University, Bangalore-56.
2. M. V. Seetaramayya : Bharateeya Kavya Meemausege Kannada Kavigala Kodige, Publisher : University of Mysore, Mysore-6.
3. P. V. Kane : History of Alankara Shastra, Publisher : Niranya Sagar Press, Bombay-4.

4. S. K. De—History of Indian Poetics : Vols I and II, Culkatta University, Culkatta.

(b) *Modern Literary Criticism*

Texts Prescribed for Study

1. R. S. Mugali—Sahitya Vimarsheya Margadarshaka Sootragalu, Publisher : Karnatak University, Dharwar-3.
2. H. Tipperudraswami—Sahitya Vimarsheya Moolatawagalu, Publisher : University of Mysore, Mysore-6.
3. Dr. Gokak and Professor Kulkarni (Ed.)—Vimarsha Tatwagalu Matu Prayogik Vimarsha, Publisher : I.B.H. Publication, Bangalore-9.
4. L. Abercrombe—Principles of Criticism.
5. I. A. Richards—Principles of Literary Criticism.

Books Recommended for General Reading

1. G. S. Shivarudrappa—Vimarsheya Poorva—Paschima, Publisher : D.V.K. Murthy, Mysore.
2. G. S. Shivarudrappa (Ed)—Prayogika Vimarshe, Publisher : Bangalore University, Bangalore-56.
3. L. S. Sheshagiri Rao—English Bhasheyalli Adhunik Sahitya Vimarshe, Publisher : University of Mysore, Mysore -6.
4. N. Subramanyam—Aristotlana Kavya Meemanse, Publisher : Kavyalaya, Mysore.
5. Shankar Mokashi Puneekar—Uropian Vimarsha Itihasa, Publisher : Bangalore University, Bangalore-56.

Paper V—History of Kannada Literature Including Modern Period.

Books recommended for Reading

1. R. Narasimhachar—Karnataka Kavicharite, Volumes I, II, III. Publisher : Kannada Sahitya Parishattu, Bangalore—18.
2. R. S. Mugali—Kannada Sahitya Charitre.
3. H. M. Nayak (ed.)—Kannada Sahitya Charitre, Volumes I, II, III and IV.
4. G. S. Shivarudrappa (ed.)—Samgra Kannada Sahitya Charitre, Volumes I, II, III and IV.

5. S. K. Havanur—Hosagannada Sahityada Arunodaya.
6. K. D. Kurtakoti—Yugadharma Mattu Sahitya.
7. L. S. Sheshagiri Rao—Hosagennda Sahitya.

Paper VI—(a) *Essay or Essays on Karnataka History and Culture
Including the Religious and Philosophical Movements in Karnataka*

Books Recommended for General Reading

1. Kannada Nadina Charitre. Vols. I, II and III. Publisher—Kannada Sahitya Parishattu, Bangalore-18.
2. R. S. Mugali—Heritage of Karnataka, Publisher : Usha Sahitya Mala Mysore.
3. M. Venkatesha Iyengar—Popular Culture in Karnataka, Publisher : Jeevan Karyalaya, Bangalore-19.
4. S. S. Shrikantha Shastri—Bharateeya Sanskriti, Publisher : University of Mysore, Mysore-6.
5. Devudu—Karnataka Sanskriti, Publisher : Kannada Sahitya Parishattu, Bangalore-18.
6. H. Tipperudraswami—Karnataka Sanskriti Sameeksha, Publisher : D. V. K. Murthy, Mysore.

(b) *Advanced Prosody*

Texts Prescribed for Study

1. Nagawarma, I—Karnataka Chhandombudhi. Ed. by Kukkil Krishna Bhatta Publisher : D. V. K. Murthy, Mysore.
2. K. V. Puttappa (Ed.)—Kannada Kaipidi Vol. I, Part II. Publisher : University of Mysore, Mysore-6.
3. D. S. Karki—Kannada Chhando-vikasa, Publisher : Author, Hosur, Hubli-20.

Books Recommended for General Reading

1. T. V. Venkatachala Shastri—Kannada Chhandasswaroopa, Publisher: D. V. K. Murthy, Mysore.
2. H. M. Nayaka (Ed)—Kannada Chandassu Vols. I and II. Publisher : University of Mysore, Mysore-6.
3. T. N. Shrikanthayya—Samavalokana, Articles 17, 18 and 19. Publisher : Kavyalaya, Mysore.

Paper VII—*Comparative Study of a Special Form of Literature : Rudra Nataka (Tragedy)*

(a) Principles and Traits.

Books recommended for Reading

1. S. V. Ranganna—Paschatya Gambhira Nataka.
2. N. Balasubramanyam—Aristotlena Kavya Meemanse.
3. K. V. Raghawachar—Introduction to Antigone.
4. Gilbert Norwood—Greek Tragedy.
5. C. Camp-Bell—Tragic Drama.
6. Raymond William—Modern Tradgedy.

Text prescribed for Study

1. Sophoclese—Dore Edipus Tr.—P. Lankesh.
2. Shakespeare—Lear Maharaja Tr.—M. Venkatesh Iyengar.
3. Bhasa—Corubhanga Tr.—I. Gundappa.
4. T. P. Kailasam—Sbole.
5. Girish Karanad—Tughaluk.

Books recommended for Reading

1. H. H. Annayyagewda—Tr. Prachina Bharatiya Nataka.
2. C. K. Venkataramayya—Bhasa Mahakavi.
3. T. S. Shamrao—Kannada Nataka.
4. A. N. Krishna Rao—Kailasam.
5. G. S. Shivarudrappa—(Ed.) Kannada Nataka—Parampare Mattu Prayoga.

Paper VIII—*Folk Literature*

(a) Principles and Traits

Texts Prescribed for Study

1. H. M. Nayaka—Janapada Swaroopu, Publisher : T. V. Memorial Publications, Mysore.
2. R. C. Hiremath (Ed.)—Janapada Sahitya Darshana Vol I, Publisher : Karnataka University, Dharwar-3.

3. D. Jawaregowda—Janapada Adhyayana, Publisher : D. V. K. Murthy, Mysore.
4. G. S. Parmashivayya (Ed.)—Janapada Pravesha, Publisher : University of Mysore, Mysore-6.
5. G. S. Paramashivayya : Janapada Sahitya Sameekshe, Publisher : D. V. K. Murthy, Mysore.

Books Recommended for General Reading

1. G. R. Iyengar—Janapada Jeevana Mattu Darshans, Publisher : Mysore University, Mysore-6.
2. Durga Bhagwat—Bharateeya Janapada Sameekshe, Publisher : Bangalore University, Bangalore-56.
3. B. S. Gaddigimath—Janapada Geetegalu, Publisher : Karnatak University, Dharwar-3.
4. Kenneth and Mary Clerk—Introducing Folk—Lore.
5. Stith Thompson—The Folk-tale.

(b) Intensive Study of Texts

Texts Prescribed for Study

1. Halasangiyā Geleyaru (Ed.) Garatiya Hadu, Publisher : Arvinda Grantha Mala, Halasangi.
2. Kalegouda Nagawar (Ed.)—Bayalu Seemeya Lawanigalu, Publisher: University of Mysore, Mysore-6.
3. M. S. Sunkapur (Ed.)—Jeevana Kokali Part 5 : Dundume Pada, Publisher : Karnataka University, Dharwar-3.
4. C. S. Aital (Ed.)—Dakshina Kannada Janapada Sahitya Publisher : Kavyalaya, Mysore.

16. URDU

Syllabus, papers and list of books will be the same for the Old M.A. degree examination.

Part I—Papers I, III, V and VII. (to be taught in 1981-82)

Part II—Papers II, IV, VI and VIII (to be taught in 1982-83)

Paper I—*Poetry*

- (a) Two text-books of Urdu Poetry, Preferably one from Mediaeval Period.
- (b) The explanation of verses from the books in item (a) above.
- (c) The general historical data-arising out of the books in (a) above.
- (d) One essay pertaining to Urdu poetry only.
- (e) Translation of stanzas of Poetry from English into Urdu and *vice-versa*.

Notes : (1) The paper shall be divided into two sections.

- (2) Section I shall have two questions on item (a) above and one question on item (b) above.
- (3) Every question shall have two additional questions as alternative, the choice being strictly internal, except item (d).
- (4) Section II shall have three questions, one each on items (c), (d) and (e) above.
- (5) Item (d) shall have six topics, out of which, candidates shall have to attempt one for essay-writing. The topics for the essay will be broadly based on the branches of Poetry, Poets, Poetical Works and Literary Trends of the Mediaeval and Modern Periods.
- (6) The allotment of marks to each question will be as follows :—

(a) Two questions (One on each book)	$2 \times 20 = 40$
(b) One question	10
(c) One question	15
(d) One question	20
(e) One question	15
	100

Paper II—

PROSE

- (a) Two text-books of Urdu Prose, preferably one from mediaeval period and other from modern period.
- (b) The explanation of the passages with reference to context from the books in item (a) above.
- (c) The general historical date arising out of the books in item (a) above.

- (d) One essay pertaining to the Urdu Prose.
 (e) Translation of Prose Passages from English into Urdu and *vice-versa*.

Notes : (1) The paper shall be divided into two section.

- (2) Section I shall have two questions on item (a) above and one question on item (b) above.
 (3) Section II shall have three questions one each on items (c), (d) and (e) above.
 (4) Every question shall have two additional questions as alternative, the choice being strictly internal except item (d).
 (5) Item (d) shall have six topics, out of which candidates shall have to attempt one for essay writing. The topics for essay will be broadly based on the various branches of Prose, Prose-writers, Prose-works and Literary trends of mediaeval and modern periods.
 (6) The allotment of marks to each question will be as follows :—

(a) Two questions (one on each book)	20 × 2 = 40
(b) One question	= 10
(c) One question	= 15
(d) One question	= 20
(e) One question	= 15

100

Paper III—

Classical, Mediaeval and Modern (up to Progressive Movement Urdu Poetry and detailed study of prescribed Poets and Works.

- (a) The textual study of two poetry collections.
 (b) The study of History of Urdu Literature (Poetry only) from the period of Wali Dakani to the Modern Period with special attention to these poets—(1) Wali Dakani, (2) Mir Hasan, (3) Mir Anees, (4) Md. Husain Azad and (5) Makhdoom Mohiuddin.
 (c) The extensive and detailed study of works of two poets of the period mentioned in item (b) above.
 (d) The explanation of verses and stanzas from books in item (a) above.

Notes : (1) The paper shall be divided into two sections.

- (2) Section I shall have two questions on item (a) above and one question on item (b) above.

- (3) Section II shall have two questions on item (c) and one question on item (d) above.
- (4) Every question shall have two additional questions as alternative, the choice being strictly internal.
- (5) The allotment of marks to each question shall be as follows :—
- | | |
|--------------------------------------|--------------------|
| (a) Two questions (one on each book) | $2 \times 15 = 30$ |
| (b) One question (one on each book) | $= 15$ |
| (c) Two questions (one on each poet) | $2 \times 20 = 40$ |
| (d) One question (one on each poet) | $= 15$ |
| | 100 |

Paper IV—

(Classical, mediaeval and modern Urdu Prose (up to Progressive Movement) and detailed study of Prescribed Prose-writers and works.)

- (a) The textual study of two Prose works.
- (b) The study of History of Urdu Literature (Prose only) from the period of Sir Syed Ahmad Khan to Progressive movement.
- (c) The extensive and detailed study of two writers of the period mentioned in item (b) above.
- (d) The explanation of prose passages from books in item (a) above.

Notes : (1) The paper shall be divided into two sections.

- (2) Section I shall two questions on item (a) above and one question on item (b) above.
- (3) Section II shall have two questions on item (c) and one question on item (d) above.
- (4) Every question shall have two additional questions as alternative, the choice being strictly internal.
- (5) The allotment of marks to each question shall be as follows :—
- | | |
|--|--------------------|
| (a) Two questions (one on each book) | $2 \times 15 = 30$ |
| (b) One question | $= 15$ |
| (c) Two questions (one on each writer) | $= 40$ |
| (d) One question | $= 15$ |
| | 100 |

Paper V—

(A form of Urdu Poetry, Prosody and Linguistic and Literary study of a prescribed period of Urdu Poetry).

- (a) A form of Urdu Poetry.
- (b) Prosody
- (c) Linguistic of literary study of a certain period of Urdu Poetry.
- (d) Grammar.

- Notes :** (1) The paper shall be divided into two sections.
- (2) Section I shall have three questions, *i.e.* two questions on item, (a) above and one question on item, (b) above.
- (3) Section II shall have two questions on item (c) above and one question on item (d) above.
- (4) Every question shall have two additional questions as alternative, the choice being strictly internal.
- (5) The allotment of marks to each question will be as under :—

(a) Two questions of 20 marks each	$2 \times 20 = 40$
(b) One question	= 10
(c) Two questions of 20 marks each	$2 \times 20 = 40$
(d) One question	= 10
	100

Paper VI—

(The origin, development, Principles and various school of Urdu Criticism).

- (a) The origin and development of Urdu criticism.
- (b) The Principles of Urdu criticism.
- (c) Various schools of Urdu criticism.
- (d) The detailed and extensive study of the works of one Urdu critic.
- (e) The detailed and extensive study of a Urdu critical book.

- Notes :** (1) The paper shall be divided into two sections.
- (2) Section I shall have one question each on items (a), (b) and (c) above.
- (3) Section II shall have one question each on items (d) and (e) above.
- (4) Every question shall have two additional questions as alternative, the choice being strictly internal.
- (5) All the questions will carry equal marks *i.e.* 20 marks for every question.

Paper VII—

Classical Dakani Urdu Prose and Poetry.

- (a) Textual study of one book of Poetry.
- (b) Extensive and detailed study of the works of one Poet.
- (c) Linguistic, literary and historical study of the periods concerning the poet and Poetical Works under items (a) and (b) above.
- (d) Textual study of one book of Prose.
- (e) Extensive and detailed study of the works of one Prose writer.
- (f) Linguistic, Literary and historical study of the periods concerning the Prose-writer and Prose-works under items (d) and (e) above.

Notes : (1) The paper shall be divided into two sections.

(2) Section I shall have one question each on items (a) and (b) and (c) above.

(3) Section II shall have one question each on items (d) (e) and (f) above.

(4) Every question shall have two additional questions as alternative, the choice being strictly internal.

(5) The allotment of marks to each question shall be as follows :—

(a) One question	= 15
(b) One question	= 20
(c) One question	= 15
(d) One question	= 15
(e) One question	= 20
(f) One question	= 15

100

Paper VIII—

(The study of the origins, structure and development of Urdu language, form of Urdu Prose and Linguistic and Literary study of a prescribed period of Urdu Prose.)

- (a) Study of the origin, structure and development of Urdu language.
- (b) A Form of Urdu Prose.
- (c) Linguistic and literary study of a prescribed period of Urdu Prose.

- Notes :* (1) The paper shall be divided into two sections.
 (2) Section I shall have two questions on item (a) above.
 (3) Section II shall have two questions on item (b) and one question on item (c) above.
 (4) Every question shall have, two additional questions as alternative, the choice being strictly internal.
 (5) All the questions shall carry equal marks *i.e.* 20 marks for every questions.

List of Books is the Subject of Urdu at the M. A. Examination.

Paper I—(to be taught in 1981-82)

- (a) (1) Diwan-e-Ghalih.
 (2) Kulleyat-e-Chakhst—Edited by Kalidas Gupta Roza (Poems only.)

No. books recommended for (b), (c), (d) and (e).

Paper II—(to be taught in 1982-83)

- (a) (1) Mawazena-e-Anis-o-Daheer
 (2) Yadgar-e-Ghahib by Hali, Maktaha Jamia (part Urdu)
 No books prescribed for items (b), (c) (d) and (e).

Paper III—(to be taught in 1981-1982)

- (a) (1) Intikhab-e-Nazeer Akberabadi—Maksoba Jamia
 (2) Intikhab-e-Akber Allahabadi—Maksoba Jamia.
 (b) No books prescribed.
 (c) (1) Wali Dakani
 (2) Makhdoom Mohiuddin
 (d) No books prescribed.

Paper IV—(to be taught in 1982-83)

- (a) (1) Umrao Jan Ada by Mirza Hadi Ruswa
 (2) Tanqidi Ishare by Al-e-Ahmed Suvoor.
 (b) No books prescribed.
 (c) (1) Ehtesham Hussain
 (2) Masood Hasan Rizwi Adeebi.
 (d) No books prescribed.

Paper V—(to be taught in 1981-1982)

- (a) Rubai.
- (b) (1) Arooz ki Tareef our Tashreeh
- (2) Arooz ki Efadiat our Ahmiat
- (3) Arooz ki Istalahat our Tareef
- (4) Arooz ke Bungadi Usul
- (5) Tactee ke liye Bahren—
 - (a) Hazaj complete and incomplete
 - (b) Rajaz complete and incomplete
 - (c) Ramal complete and incomplete
 - (d) Mozarc complete and incomplete
 - (e) Motaqarile complete and incomplete.
- (c) Mir aur Sauda Ka Daur—No books prescribed.
- (d) Qawaed-e-urdu by Molvi Abdul Haque chapter IV to the end of the book detailed study.

Paper VI—(to be taught in 1982-83)

- (a) Urdu Tanqeed ka Irteqa by Ibadat Bareilvi.
- (b) Jadeed Urdu Tanqidi Dalistan by Arnirulla shaheen or Tanqidi Nazariat—Ehtesham Husain Parts I and II.
- (c) Al-e-Ahmed Suroor.
- (d) Tanqeed aur Ehtesah by Wazir Agha.

Paper VII—(to be taught in 1981-82)

- (a) Phool Bun by Ibne Nishati
- (b) Quli Qutub Shah
- (c) No books prescribed
- (d) Sabras by Wajhi
- (e) Khaja Banda Nawaz Gesoo Daraz
- (f) No books prescribed.

Paper VIII—(to be taught in 1982-1983)

- (a) (1) Muqad dama-e-Tarikh-e-Zaban-e-urdu by Massod Husain Khan.
 - (2) Punjab Men Urdu by Hafiz Mahmood Shirani.
 - (b) Drama as form.
 - (c) History of Urdu Prose 1950-1980—No book is prescribed.
-

17. HINDI

Part I—Papers I, III, V and VII.

Part II—Papers II, IV, VI and VIII

Paper I—*Modern Prose.*

Paper II—*Modern Poetry*

Paper III—*History of Hindi Literature with Social and Philosophical background*

Paper IV—*Principles of Linguistics and Growth and Development of Hindi Language.*

Paper V—*Mediaeval Poetry*

Paper VI—*Principles of Literary Criticism*

Paper VII—*Functional Hindi—Alternate Paper*

Special Study of an author (Authors to be prescribed by the Board).

Paper VIII—*Contribution of Non-Hindi regions to the development of Hindi Language and Literature.—Alternate Paper*

(Old Hindi Language and Literature).

List of books in Hindi at the M.A. degree examination :—

प्रश्नपत्र (१)

१. नाटक

१. चन्द्रगुप्त—जयशंकरप्रसाद
२. कोणार्क—जगदीशचंद्र माथुर.

२. उपन्यास

१. बूंद और समुद्र—अमृतलाल नागर
२. राग दरबारी—श्रीलाल शुक्ल

३. निबंध

१. अशोक के फूल—आ. हजारीप्रसाद द्विवेदी
२. शिकायत मुझे भी है—हरिशंकर परसाई

संदर्भ ग्रंथ

१. प्रसाद के नाटकों का शास्त्रीय अध्ययन—डॉ. जगन्नाथ प्रसाद शर्मा
२. प्रसाद का नाट्य साहित्य—डॉ. भानुदेव शुक्ल
३. जयशंकर प्रसाद : नाट्य, शिल्प और कृतियों का मूल्यांकन—सतीशबहादुर वर्मा
४. प्रसाद के नाटकों का ऐतिहासिक एवं सांस्कृतिक विवेचन—डॉ. जगदीशचंद्र जोशी
५. प्रसाद के नाट्य साहित्य में परंपरा और प्रयोग—हरिसिंह हरीन्द्र
६. जयशंकर प्रसाद और लक्ष्मीनारायण मिश्रके नाटकों का तुलनात्मक अध्ययन—
डॉ. शशिशेखर नैथानी
७. आस्थाके प्रहरी—अमृतलाल नागर : डॉ. सत्यपाल
८. हिंदी उपन्यास : महाकाव्य के स्वर—डॉ. शांतिस्वरूप गुप्त
९. हिन्दी उपन्यास : एक नयी दृष्टि—डॉ. इन्द्रनाथ मदान
१०. आधुनिक हिन्दी उपन्यास—सं. डॉ. नरेन्द्र मोहन
११. अमृतलाल नागर का उपन्यास साहित्य—प्रकाशचन्द्र मिश्र
१२. आधुनिक व्यंग का स्त्रोत औय स्वरूप—छबिनाथ मिश्र
१३. हिन्दी की हास्य-व्यंग विधाओं का स्वरूप और विकास—डॉ. इन्द्रनाथ मदान
१४. शांति निकेतन से शिवालिक—शिवप्रसाद सिंह
१५. आ. हजारीप्रसाद द्विवेदी : व्यक्तिद्व एवं साहित्य संपादक—डॉ. गणपतिचन्द्र गुप्त
१६. आधुनिक हिंदी नाटकों का मनो-वैज्ञानिक अध्ययन—डॉ. गणेशदत्त गौड़.
१७. हिन्दी नाटकों का सवविधान और वस्तुविकास—डॉ. चन्द्रलाल दुबे.

प्रश्नपत्र-२ : आधुनिक काव्य

पाठ्य ग्रंथ

१. रामधारी सिंह 'दिनकर'—उर्वशी (तृतीय, चतुर्थ तथा पंचम अंक)
२. जयशंकर प्रसाद—कामायनी (चिन्ता, श्रद्धा, लज्जा, इडा तथा आनंद सर्ग)
३. महादेवी वर्मा—संधिनी
४. स. ही. वात्स्यायन 'अज्ञेय'—कितनी नावों में कितनी बार
५. गजानन माधव मुक्ति बोध—चॉन्द का मुंह टेढा है
६. धर्मवीर भारती—अंधा युग.

संदर्भ ग्रंथ

१. युगचारण दिनकर—सावित्री सिनहा
२. उर्वशी : संवेदना और शिष्य—टीकाराम शर्मा
३. युगाच्चेता दिनकर और उनकी उर्वशी—डॉ. राजपाल शर्मा
४. उर्वशी : विचार और विश्लेषण—सं. डॉ. वचनदेवकुमार
५. कामायनी—काव्य, संस्कृति और दर्शन—डॉ. द्वारकाप्रसाद
६. कामायनी के अध्ययन की समस्याएँ—डॉ. नगेन्द्र

७. कामायनी—इन्द्रनाथ मदान
८. प्रसाद के काव्य—डॉ. प्रेमशंकर
९. महीयसी महादेवी—गंगाप्रसाद पाण्डेय
१०. कवित्री महादेवी वर्मा—डॉ. शोभनाथ यादव
११. महादेवी के काव्य में लालित्य विधान—मनोरमा शर्मा
१२. महादेवी चिंतन व कला—इन्द्रनाथ मदान
१३. अज्ञेय का काव्य—एक मूल्यांकन—डॉ. चंद्रकांत बांदिवडेकर
१४. अज्ञेय और आधुनिक कविता की समस्याएँ—डॉ. रामस्वरूप चतुर्वेदी
१५. अज्ञेय की काव्य चेतना—डॉ. कृष्ण भावुक
१६. अज्ञेय की काव्य तर्षा—नंदकिशोर आचार्य
१७. मुक्ति बोध का काव्य : एक अनुशिलन—डॉ. शशि शर्मा
१८. गजानन माधव मुक्तिबोध का रचना संसार—डॉ. गंगाप्रसाद 'विमल'.
१९. गजानन माधव मुक्तिबोध—सं. लक्ष्मणदत्त गौतम
२०. अंधा युग—एक सृजनात्मक उपलब्धि—सुरेश गौतम
२१. धर्मवीर भारती—लक्ष्मणदत्त गौतम
२२. धर्मवीर भारती के साहित्य के विविध आयाम—डॉ. हुकुमचंद राजपाल
२३. हिन्दी की मार्क्सवादी कविता—डॉ. सम्पत ठाकुर
२४. हिन्दी की प्रगतिशिल कविता—डॉ. रणजीत
२५. आधुनिक हिन्दी महाकाव्य—डॉ. वीणा शर्मा
२६. हिन्दी महाकाव्य का स्वरूप विकास—शम्भूनाथ सिंह
२७. छायावादी कवियों की गीत सृष्टि—डॉ. उपेन्द्र
२८. आधुनिक प्रगति काव्य—गणेश खरे
२९. छायावादोत्तर हिन्दी प्रगीत—डॉ. विनोद गोदरे
३०. हिन्दी गीतिनाट्य—डॉ. शिवशंकर कटारे
३१. नई कविता की भाषा—डॉ. रविनाथ सिंह.

प्रश्नपत्र (३)

हिन्दी साहित्य का इतिहास (सामाजिक तथा दार्शनिक पृष्ठभूमि सहित)

संदर्भ ग्रंथ

१. हिन्दी साहित्य का इतिहास—आ. रामचन्द्र शुक्ल
२. हिन्दी साहित्य : उसका उद्भव और विकास—डॉ. हजारीप्रसाद द्विवेदी
३. हिन्दी साहित्य का इतिहास—संपादक—नगेंद्र
४. हिन्दी का गद्य साहित्य—डॉ. रामचन्द्र तिवारी
५. हिन्दी साहित्य (द्वितीय खण्ड—संपादक—धीरेन्द्र वर्मा, ब्रजेश्वर वर्मा)
६. द्विवेदी युग का हिन्दी काव्य—डॉ. रामसकलराय शर्मा

७. नया हिन्दी-काव्य—डॉ. शिवकुमार मिश्र
८. छायावादोत्तर हिन्दी प्रगीत—डॉ. विनोद गोदेरे
९. मार्क्सवाद—यशपाल
१०. स्वाधीनता और राष्ट्रीय साहित्य—डॉ. रामविलास शर्मा
११. हिन्दी साहित्य की दार्शनिक पृष्ठभूमि—डॉ. विश्वंभर उपाध्याय
१२. गांधी-विचार धारा का साहित्य पर प्रभाव—डॉ. अरविंद जोशी
१३. हिन्दी साहित्य में प्रतिबिंबित चिंतन प्रवाह—मोकाकर तथा कुलकर्णी

प्रश्नपत्र ४—भाषा विज्ञान

विभाग (क)

१. भाषा और उसके विविध रूप
२. संसार की भाषाओं का वर्गीकरण (केवल आधार)
—आकृतिमूलक वर्गीकरण के आधार
—पारिवारिक वर्गीकरण के आधार

३. ध्वनि-विज्ञान

ध्वनि यंत्र ;

ध्वनि, भाषा-ध्वनि, संध्वनि, ध्वनिग्राम ;

ध्वनि-वर्गीकरण (विशेषतः हिन्दी ध्वनियों के संदर्भ में)

१. स्वर तथा व्यंजन
२. स्वर: वर्गीकरण के आधार
३. मानस्वर तथा गौण मानस्वर
४. व्यंजन : वर्गीकरण के आधार
५. ध्वनिपरिवर्तन : प्रमुख कारण तथा प्रमुख दिशाएँ
६. ध्वनि-नियम (ग्रिमनियम का सामान्य परिचय)

४. रूप-विज्ञान

पद और शब्द

सम्बन्ध तत्त्व और अर्थ तत्त्व

सम्बन्ध तत्त्व के प्रकार

सम्बन्ध तत्त्व के कार्य

रूप-परिवर्तन के कारण

रूप-परिवर्तन के प्रकार

५. वाक्य-विज्ञान

वाक्य और उसके प्रकार

वाक्य में पदक्रम

निकटस्थ अवयव

६. अर्थ-विज्ञान

अर्थ-परिवर्तन के कारण

अर्थ-परिवर्तन की दिशाएँ

७. भाषा-विज्ञान के आधुनिक निकाय (संक्षिप्त परिचय)

१. हिन्दी ध्वनियों का सामान्य भाषावैज्ञानिक परिचय

(क) स्वर—१. मूलस्वर, २. अनुनासिक स्वर, ३. संयुक्त स्वर

(ख) व्यंजन—१. स्पर्शव्यंजन, २. स्पर्शसंघर्षी, ३. अनुनासिक, ४. पारिणक

५. लुठित, ६. उटिक्षप्त, ७. संघर्षी

(ग) अर्द्धस्वर.

२. हिन्दी ध्वनियों का इतिहास—

१. स्वर परिवर्तन संबंधी कुछ साधारण नियम

२. स्वर संबंधी विशेष परिवर्तन

३. व्यंजन परिवर्तन संबंधी कुछ साधारण नियम

४. व्यंजन संबंधी कुछ विशेष परिवर्तन.

३. विदेशी शब्दों में ध्वनि परिवर्तन

(क) फारसी शब्दों में ध्वनि परिवर्तन

(ख) अंग्रेजी शब्दों में ध्वनि परिवर्तन

४. हिन्दी के संज्ञारूपों में परिवर्तन

१. मूल रूप तथा विकृत (परिवर्तित) रूप

२. लिंग और वचन संबंधी रूप

३. कारक चिन्हों का विकास.

५. संख्यावाचक विशेषणों के रूपों का विकास

६. सर्वनाम

(अ) पुरुषवाचक, (ब) निश्चयवाचक, (ग) संबंधवाचक, (ड) प्रश्नवाचक,

(इ) अनिश्चयवाचक, (ई) निजवाचक, (फ) आदरवाचक.

७. हिन्दी क्रिया—

(अ) धातु, (ब) सहायक क्रिया, (क) कृदन्त, (ड) प्रेरणार्थक, (इ) संयुक्त क्रिया

८. अव्यय—

(अ) क्रिया विशेषण (ब) समुच्चयबोधक.

प्रश्नपत्र (५)

मध्यकालिन काव्य

१. विद्यापति : विद्यापति पदावली—संपादक : राम बहोरी शुक्ल (बर—संधि, नखशिख, विरह)
२. कबीर : कबीर—आचार्य हजारीप्रसाद द्विवेदी (१ से १०० पद)
३. जायसी : पद्मावत—(नागरी प्रचारिणी सभा, काशी संस्करण) (नागपती—बिद्योग खण्ड तक)
४. तुलसीदास : रामचरितमानस (बालकाण्ड तथा अयोध्याकाण्ड) (गीता प्रेस, गोरखपुर संस्करण).
५. बिहारी : बिहारी सार्द्धशती—संपादक—डॉ. ओमप्रकाश
६. धनानन्द : धनानन्द कवि—संपादक—आचार्य विश्वनाथ प्रसाद मिश्र (१ से १०० छंद)

संदर्भ ग्रंथ

१. विद्यापति—डॉ. शिवप्रसाद सिंह
२. विद्यापति सुग और साहित्य—अरविन्द नारायण सिन्हा
३. विद्यापति—जयनाथ नलिन
४. रीतिकाव्य—वीरेंद्रकुमार सडसवाल
५. जायसी का पद्मावत—काव्य और दर्शन—डॉ. गोविन्द त्रिगुणायत
६. मलिक मुहम्मद जायसी और उनका काव्य—डॉ. शिवसहाय पाठक
७. जायसी का काव्य-शिल्प—डॉ. दर्शनलाल सेठी
८. गोस्वामी तुलसीदास—आचार्य रामचन्द्र शुक्ल
९. तुलसीदास और उनका युग—राजपति दीक्षित
१०. तुलसीदास चिन्तक और कला—डॉ. बन्द्रनाथ मदान
११. तुलसी दर्शन मीमांसा—डॉ. दयभान सिंह
१२. तुलसीदास—डॉ. माताप्रसाद गुप्त

१३. रामचरित मानस की अलंकार योजना—डॉ. बचनदेव कुमार
१४. बिहारी का काव्य—संपादक—हरिमोहन मालवीय
१५. बिहारी का काव्य लालित्य—रमाशंकर तिवारी
१६. बिहारी का नया मूल्यांकन—डॉ. बच्चन सिंह
१७. मुस्तक काव्य परंपरा और बिहारी—डॉ. रामसागर त्रिपाठी
१८. हिन्दी में श्रृंगार परंपरा और महाकवि बिहारी—डॉ. गणपतिचन्द्र गुप्त
१९. धनानन्द और स्वच्छन्द काव्यधारा—डॉ. मनोहरलाल गौड़
२०. महाकवि धनानन्द—डॉ. रामवशिष्ठ
२१. धनानन्द—डॉ. कृष्णचन्द्र त्रिपाठी
२२. कबीर : व्यक्तित्व, कृतित्व एवं सिद्धांत—डॉ. सरनाम सिंह
२३. कबीर की विचार धारा—डॉ. गोविन्द त्रिगुणाथत
२४. कबीर के काव्य रूपों का आलोचनात्मक अध्ययन—डॉ. वजीर मुहम्मद

प्रश्नपत्र ६

Principles of Criticism

- (अ) भारतीय समीक्षा—सिद्धान्त—५० अंक
- (ब) पाश्चात्य समीक्षा—सिद्धान्त—५० अंक

Principles of Literary Criticism with reference to the following topics :

१. भारतीय : अंकार, रीति, ध्वनि, वक्रोक्ति, रस तथा औचित्य सम्प्रदायों की काव्य-संबंधी मान्यतायें
२. पाश्चात्य : निम्नलिखित विचारकों की साहित्य-विषयक मान्यताओं तथा वादों और काव्यान्दोलनों की रूपरेखा तथा प्रवृत्तियों का अध्ययन :—
 - (क) विचारक : प्लेटो, अरिस्टॉटल, लोगिनस, मैथ्यूअर्नोल्ड, कोचे, रियर्डस, इलियट तथा सार्त्र ।
 - (ख) वाद तथा काव्यान्दोलन : आभिजात्यवाद, नव्य-शास्त्रवाद, स्वच्छन्द-वाद, प्रतीकवाद, बिम्बवाद, मार्क्सवाद तथा नयी आलोचना ।

संदर्भ ग्रंथ

१. साहित्यलोचन—डॉ. श्यामसुन्दरदास
२. भारतीय साहित्य शास्त्र-भाग—१, २ डॉ. बलदेव उपाध्याय
३. आलोचना-इतिहास तथा सिद्धान्त—डॉ. एस. पी. खत्री

४. हिन्दी काव्यशास्त्र का इतिहास—डॉ. भगीरथ मिश्र
५. भारतीय काव्यशास्त्र की परम्परा—(सं) डॉ. नगेन्द्र
६. समीक्षालोचक—भागीरथ दीक्षित
७. पाश्चात्य काव्यशास्त्र के सिद्धान्त—डॉ. शान्तिस्वरूप गुप्त
८. पाश्चात्य काव्यशास्त्र की परंपरा—(सं) डॉ. सावित्री सिन्हा
९. पाश्चात्य काव्यशास्त्र—सिद्धान्त और वाद—(सं) राजकुमार कोहली
१०. साहित्य का मूल्यांकन—वर्सफोल्ड (अनु. डॉ. रामचंद्र तिवारी)

प्रश्नपत्र (७)

प्रयोजनमूलक हिंदी

पाठ्यक्रम

१. प्रयोजनमूलक हिंदी : स्वरूप तथा व्यवहार क्षेत्र ।
२. हिन्दी : राष्ट्रभाषा तथा राजभाषा ।
३. हिन्दी : (१) ऐतिहासिक सन्दर्भ : हिन्दी की व्यापकता तथा प्रयोग-क्षेत्र ।
(२) मुस्लिम शासन—काल में हिंदी ।
(३) ब्रिटीश शासन—काल में हिंदी ।
(४) हिन्दी का राजभाषा के रूप में मान्यता मिलाने के लिए किए गए प्रमुख भाषा-आन्दोलन का परिषद : व्यक्ति तथा संस्थाएँ ।
(५) संवैधानिक प्रावधान :
(अ) धारा ३४३ से ३५१
(आ) राष्ट्रपति के आदेश १९५२, १९५५, १९६०
(इ) राजभाषा आयोग १९५५
(ई) संसदीय राजभाषा समिति १९५९
(उ) राजभाषा अधिनियम १९६३, १९६७
(ऊ) वर्तमान स्थिति
४. प्रशासनिक क्षेत्र में हिन्दी—टिप्पण व आलेखन, पत्राचार के प्रमुख प्रकार, अधिसूचना इत्यादि ।
५. पारिभाषिक शब्दावली—निर्धारण की प्रक्रिया, निर्माण के सिद्धान्त तथा प्रक्रिया, समस्याएँ ।
६. अनुवाद—सामान्य सिद्धान्त तथा समस्याएँ—अनुवाद के प्रकार, अनुवाद के सिद्धान्त ।
७. जन-संचार के माध्यमों में हिन्दी का प्रयोग—लिखित (मुद्रित, विज्ञापन) व मौखिक (रेडियो, विज्ञापन) तथा दूर-आव्य (दूरदर्शन तथा फिल्म) माध्यमों की सामान्य विशेषताएँ एवं इन माध्यमों में प्रयुक्त शब्दों की विशिष्टता । इस क्षेत्र में हिन्दी की शक्ति एवं समस्याएँ—अनुवाद के सिद्धान्त ।

संदर्भ ग्रंथ

१. राष्ट्रभारती (हिन्दी का मिशन)—काकासाहेब कालेलकर
२. खड़ी-बोली का आन्दोलन—डॉ. शितिकंठ मिश्र
३. भारतीय नेताओं की हिन्दी सेवा—डॉ. ज्ञानबली दरवार
४. भारत का संविधान—(प्र.) भारती सरकार प्रेस
५. भाषा और समाज—डॉ. रामविलास शर्मा
६. राजभाषा के सन्दर्भ में हिन्दी आन्दोलन का इतिहास—डॉ. उदयनारायण हुबे
७. भारतीय राष्ट्रभाषा—सीमाएँ तथा समस्याएँ—डॉ. सत्यव्रत
८. पारिभाषिक शब्द-संग्रह—(प्र.) केन्द्रीय हिन्दी निदेशालय
९. आदेशों की पुस्तिका (मई १९७४ तक)—(प्र.) राजभाषा प्रभाग, गृह मंत्रालय
१०. हिन्दी के प्रयोग सम्बन्धी आदेशों का संकलन (मई १९७४ तक)—(प्र.) उपर्युक्त
११. राजभाषा विधिनियम १९६३, १९६७
१२. हिन्दी विधि-शब्दावली—डॉ. मोतीबाबू

प्रश्नपत्र (७)

विशेष अध्ययन

(क) कथाकार प्रेमचन्द

निम्नलिखित रचनाओं का विशेष अध्ययन :—

- (१) सेवासयन
- (२) कर्मभूमि
- (३) गोदान
- (४) मान सरोवर—भाग १ तथा २

शेष रचनाओं या सामान्य समीक्षात्मक परिचय ।

(व्याख्या के लिए अवतरण विशेष अध्ययन के लिए निर्धारित रचनाओं से ही किए जाएंगे।)

संदर्भ ग्रंथ

१. प्रेमचन्द और उनका युग—डॉ. रामविलास शर्मा
२. प्रेमचन्द प्रतिभा—संपादक : डॉ. इन्द्रनाथ मदान
३. प्रेमचन्द : व्यक्तित्व और कृतित्व—संपादक : शचीरानी गुट्टे
४. प्रेमचन्द के जीवन—दर्शन के विधायक तत्व—डॉ. कृष्णचन्द्र पाण्डेय

५. उपन्यासकार प्रेमचन्द—संपादक : सुरेशचन्द गुप्त तथा रमेशचन्द गुप्त
६. प्रेमचन्द : एक अध्ययन—राजेश्वर गुरु
७. कलम का सिपाही—ले. अमृतराय
८. प्रेमचन्द उपन्यासों का शिल्पविधान—कमलकिशोर गोयनका
९. प्रेमचन्द की उपन्यास यात्रा—जैधी जफर रजा
१०. प्रेमचन्द के साहित्य-सिद्धान्त—नरेन्द्र कोहली
११. पत्रकार प्रेमचन्द और हंस—रत्नाकर पाण्डेय
१२. प्रेमचन्द की विरासत—राजेन्द्र यादव
१३. शैली विज्ञान की दृष्टी से प्रेमचन्द की भाषा—सुरेश कुमार
१४. प्रेमचन्द के समस्या मूलक उपन्यास—महेन्द्र भटनागर
१५. प्रेमचन्द साहित्य में व्यक्ति और समाज—
१६. प्रेमचन्द के उपन्यासों में समसामायिक परिस्थितियों का प्रतिष्ठान—सरोज प्रसाद
१७. प्रेमचन्द का नारी चित्रण—गीतालाल

अथवा

(ख) सूरदास

संदर्भ ग्रंथ

१. अष्टछाप और वल्लभ संप्रदाय : भाग १, २—डॉ. दीनदयाल गुप्त
२. महाकवि सूरदास—नंददुलारे बाजपेयी
३. सूर-साहित्य—डॉ. हजारीप्रसाद द्विवेदी
४. सूर की काव्य-कला—डॉ. मनमोहन गौतम
५. सूरदास—डॉ. ब्रजेश्वर वर्मा
६. सूर निर्णय—प्रभु दयालु मीतल और द्वारकादास पारिख
७. सूर-साहित्य : नवमूल्यांकन—डॉ. चन्द्रभान रावत
८. सूरदास का काव्य—वैभव—डॉ. मुंशीराम शर्मा
९. सूर की भाषा—डॉ. प्रेमनारायण टंडन
१०. भारतीय साधना और सूर-साहित्य—डॉ. हरवंशलाल शर्मा
११. सूर-साहित्य संदर्भ—संपादक : डॉ. आर्य व डॉ. अग्रवाल
१२. सूर की लालित्य चेतना—डॉ. परेश
१३. सूर-सागर में प्रतीक योजना—बी. लक्ष्मणशेट्टी
१४. सूर-साहित्य या छंद शास्त्रीय अध्ययन—गौरीशंकर मिश्र

प्रश्नपत्र ८

Paper VIII—Contribution of non-Hindi regions to the development of Hindi Language and Literature.

१. इस प्रश्नपत्र के अन्तर्गत अहिन्दी-प्रदेशों के रचनाकारों की १९०० ई.से. पूर्व की कृतियाँ पाठ्यक्रम में रहेंगी।
२. पाठ्यक्रम में कम-से-कम चार और अधिक से अधिक छह रचनाकारों की मूल कृतियाँ निर्धारित की जाएँगी।
३. प्रश्नपत्र में अंकों का विभाजन इस प्रकार होगा :
 - (क) व्याख्या—४० प्रतिशत
 - (ख) प्रदेश, साहित्य और भाषा-संबंधी तथा आलोचना-संबंधी प्रश्न ६० प्रतिशत

पाठ्य ग्रंथ

१. संत नामदेव की हिन्दी-पदावली—संपादक —डॉ. भगीरथ मिश्र तथा राज नारा नारायण मौर्य, प्रकाशक—पूना विश्वविद्यालय, पूना (पद। से १०९ तक)
२. फूलवन—इबननिशाती, —संपादक—देवीसिंग चौहान, प्रकाशक—महाराष्ट्र राष्ट्र-सभा, पुणे। (सर्ग ६, १६-२१, ३४-४८)
३. दयाराम सतसई—डॉ. अम्बाशंकर नागर, प्रकाशक—साहित्य भवन, इलाहाबाद. (भक्ति-प्रकरण तक)
४. नानक बाणी—संपादक डॉ. जयराम मिश्र, मित्र प्रकाशन, इलाहाबाद, (सिरी रागु, रागु भाभा, रागु गउडी)
५. संत रोहल की बानी—संपादक डॉ. दशरथराज, अपाला प्रकाशन, आगरा.

संदर्भ ग्रंथ

१. हिन्दी साहित्य की मराठी संतों की देन—आचार्य विनयमोहन शर्मा
२. औरंगाबाद के संतों की हिन्दी वाणी—डॉ. भालचंद्र तेलंग
३. नामदेव: जीवनी और साहित्य—डॉ. रामचंद्र मिश्र
४. दक्खिकानी हिन्दी का साहित्य—डॉ. श्रीराम शर्मा
५. दक्खिनी साहित्य का इतिहास—डॉ. दशरथराज
६. गुजरात के संतों की हिन्दी साहित्य की देन डॉ. राजकुमार गुप्ता
७. गुजरात के हिन्दी गौरव-ग्रंथ—डॉ. अम्बा शंकर नागर
८. राष्ट्रभारती की केरल का योगदान —डॉ. एम्. ई. विश्वनाथ अय्यर
९. गुरुमुखी लिपि में हिन्दी गद्य—गोविन्दनाथ राजगुरु
१०. गुरुमुखी लिपि में हिन्दी काव्य—डॉ. हरिभजन सिंह
११. सिंधी भाषा लिपि और साहित्य—प्रो. मोतीलाल जोतवाणी
१२. रोहल सूफी—गोलसिंह परचाराम.

Alternate to Paper VIII

Old Hindi Language and Literature :

१. इस प्रश्नपत्र के अंतर्गत हिन्दी सामान्यतः १४५० ई. के पूर्वकी रचनाएँ पाठ्यक्रम में निर्धारित की जाएँगी ।
२. पाठ्यक्रम में कम-से-कम चार और अधिक से अधिक छह रचनाकारों की मूल कृतियाँ निर्धारित की जाएँगी ।
३. जहाँ तक भाषागत अध्ययन का प्रश्न है, निर्धारित कृतियों की मूल भाषा का अनुशीलन साहित्यिक और कलात्मक दृष्टि से अपेक्षित है, भाषा-वैज्ञानिक दृष्टि से नहीं ।
४. प्रश्नपत्र में अंकोंका विभाजन इस प्रकार होगा :
 - (क) व्याख्या—४० प्रतिशत अंक
 - (ख) आलोचनात्मक तथा मूल्यांकन—सम्बन्धी प्रश्न—६० प्रतिशत अंक

पाठ्यपुस्तकें

१. दोहाकोश—संपादक—महापंडित राहुल सांकृत्यायन, बिहार राष्ट्रभाषा परिषद, पटना (केवल (क) गीति (मूल))
२. बीसल देव रासो—संपादक : डॉ. माताप्रसाद गुप्त
३. ढोला मारु रुम दूहा—नागरी प्रचारिणीय सभा, काशी—संपादक : नरोत्तमदास स्वामी (केवल दूहा । से १८३ तक तथा २४१ से ३१५ तक)
४. गोरखवानी—गोरखनाथ—संपादक—डॉ. पीताम्बरदास बडधवाल, हिन्दी साहित्य, सम्मेलन, प्रयाग । (केवल सबदी १-३०, १०१-११०, २३१-२४० तथा पद (४०-५८)

संदर्भ ग्रंथ

१. प्राकृत और अपभ्रंश साहित्य तथा उनका हिन्दी साहित्य पर प्रभाव
डॉ. रामसिंह तोमर
२. सिद्ध साहित्य—डॉ. धर्मवीर भारती
३. नाथ संप्रदाय—डॉ. हजारीप्रसाद द्विवेदी
४. आदिकालीन हिन्दी शोक—डॉ. हरीश
५. पुरानी हिन्दी—पं. चन्द्रधर शर्मा गुलेरी
६. गोरखनाथ और उनका युग—डॉ. रांगेय राघव
७. हिन्दी साहित्य—प्रथम तथा द्वितीय खण्ड, संपादक—डॉ. धीरेन्द्रवर्मा
८. हिन्दी साहित्य का बृहत् इतिहास भाग (१)—संपादक डॉ. राजबली पाण्डेय
९. हिन्दी के विकास में अपभ्रंश या योग—डॉ. नामवरसिंह
१०. ढोला मारु, रा दूहा में काव्य सौष्ठव, संस्कृति एवं इतिहास—डॉ. भगवतीलाल शर्मा.

18. SINDHI

Part I—Papers I, III, V and VII to be studied in 1980-81.

Part II—Papers II, IV, VI and VIII to be studied in 1981-82.

Subordinate**Paper I—Poetry**

Six Surs of Shah, (Critical and Prosodical Study).

1. Sur Marui
2. Sur Dahar
3. Sur Sarang.
4. Sur Leela Chanesar
5. Sur Ghatoo
6. Sur Kohyari.

Paper II—Four Poets and Four Prose writers—Poetry and Prose Ancient and Modern.*Poetry*

1. Sachal Jo Choond Kalam (only Baits) edited—Professor K. B. Advani.
2. Deewan—e. Qalich (First 75 Ghazals).
3. Tapasya Joon Roshnyoon by Dr. Arjanshad.
4. Surkh Gulab—Suraha Khwab by Prabhuvada.

Prose

1. Latifi Sair—Bheroomal Maherchand.
2. Ado Abdul Rehman ain Byoon Kahanjoon—Amarlal Hingorani.
3. Latifa—Professor Ram Panjwani.
4. Khushboo (Mazmoon)—Tirth Vasant.

Additional for Principal**Paper III—**

History of Sindhi Literature upto 1974 with special reference to :

1. Qazi Qadan.
2. Narain Shyam
3. Parmanand Menaram
4. Mangharam Malkani.

Books recommended for Reference

1. Sindhi Adab Ji Tarikh—M. S. Memon.
2. Sindhi Nassur Ji Tarikh—Khwaja Ghulam Allana.
3. Shah Abdul Latif of Bhiti—H. T. Sorely (excluding translation of his Poetry).
4. History of Sindhi Prose—M. U. Malkani.
5. History of Sindhi Literature—L. H. Ajwani.
6. Chapter on Sindhi in Contemporary Indian Literature (1967). Published by Sahitya Akademi—L. H. Ajwani.
7. Introduction to Sami Ja Siloka—Part I (Chapters II, III, IV)—B. H. Nagrani.
8. Chapters on Sindhi poets in Sindhi Boli Ji Tarikh—Bheroomal Maherchand.
9. Bewas ain naon dour —Arjan Mirchandani (Shad).
10. Introduction to “Shah Jo Rasalo ” by—
 1. H. M. Gurbuxani
 2. Shahwani
 3. K. B. Advani.
11. Qadim Sindhi—Bheroomal Maherchand.
12. Sind Ji Iqtsadi Tarikh—(Dr. Chablani) Tr.—Siraj.
13. Risalo Karimi—Daudpata.
14. Shah Abdul Karim—Motilal Jotwani.
15. Introduction of “Diwan-Equalich ”—Ajmal Khan.
16. Bewas Hik Abhyas—Ed. Pritam Varyani.
17. Qazi Qadan Jo Kalam—Compiled—Hino Thakur.

Paper IV—*Study of—(a) Principles of Philology.*

(b) *Origin and Development of Sindhi Language.*

Ilmellasan—Ghulam Ali Alana.

Linguistic Survey of India—Grierson.

Sindhi Boli J. Tarikh—Bheroomal Mahrehand.

Sindhi Boli J. Mukhtasar Tarikh—N. B. Boloch.

Sindhi Boli—Siraj.

Sindhi Grammar—Trump.

Sindhi Grammar—Bheroomal Mahrehand.

Bhasha Shastra—Popati Hiranandani.

Bhasha—Sindhi Bhasha—Satish Rohra.

Paper V—

Study of a form of literature and its evolution in Sindhi Literature : Short Story—

Books recommended for Study

1. Sindhi Nassur Ji Tarikh (Chapter on Short Story)—M. U. Malkani.
2. Mukhtasar Afsane jo funn. (In Mahran of.).
3. Jiddat jo Mafahoom ain Sindhi Kahani —Hiro Sheskani.
4. Adab men Qaduran jo Sawal (Chapter on Short Story)—Kinat Babani.

Paper VI—(a) *Unseen passages for Translation from English into Sindhi.*

(b) *Unseen passages in Sindhi for explanation and Critical Appreciation.*

(c) *Essay.*

(No books are recommended)

Alternate to Second Language

Paper VII—*Theory of Literature and Principles of literary criticism.*

Books recommended for Study

1. Principles of literary criticism—Abercrombie.
2. Introduction to the study of English Literature—Hudson.
3. Critical approaches to Literature—David Daiches.
4. Principles of Literary criticism—I. A. Richards.
5. Theory of literature—Warren and Welleck.
6. Making of literature—Scot-James.
7. Sahit ja Siddhant—Ed. Anand Khemani.

Paper VIII—*A study of prescribed classical works of other languages.*

1. Rubaiyat-e-Umarkhayani—Translated—Qalich-Beg.
2. Megh Doot—Translated—Dharamdas Mirchandani.
3. Hamlet—Translated—Tirth Vasant.
4. Dukhi Insan—Translated—M. M. Gidwani.
5. Sagar ji Santan—Translated—Sundri Uttamchandani.
6. Gyan Dev—Translated—Krishin Rahi.

LINGUISTICS

Paper I—*Elements of Descriptive Linguistics*

1. Scope and aims of Linguistics—Linguistics Analysis and Linguistics Comparison. Popular Misconceptions about Language.
2. Idiolect, Dialect, Language.
3. Language as a system of Communication. Differences between Language and Animal Communication. Key properties of language. The sub-systems of Language.
4. Elements of Phonetics. Three branches of Phonetics. Organs of Speech. Classification of speech sounds. Phonetic transcription.
5. Elements of Phonemics. Phoneme and its nature. Notions of contrast, free variation, and CD. Differences between Phonetics and Phonemics.
6. Elements of Morphology. Morph, allomorph and Morpheme. Word. Identification of Morphemes. Types of Morph. Morphological constructions Inflectional vs. Derivational. Morphophonemics. Types of morphophonemic alternation.
7. Elements of Syntax. Form classes. IC Analysis. Types of Syntactic Constructions. Syntactic Linkages. Grammatical Categories.

Books Recommended

1. Bloch, B. and Trager, G. L.—Outline of Linguistic Analysis—(Linguistic Society of America—1942—also available in Indian edition—Oriental Books Reprint Corporation—New Delhi : 1972 Distributors Munshiram Manoharlal).

2. Hockett, C. F.—A course in Modern Linguistics. (Macmillan Company, New York, 1958 also available in Indian edition Chapters : 1 to 57, 63, 64).
3. Gleason, H. A. Jr. —An Introduction to Descriptive Linguistics. (Holt, Rinehart and Winston Inc. New York—Second edition 1966 and also available in Indian edition—Oxford and Ibh. Publishing Co. Calcutta, Bombay, New Delhi— 1968).
4. Sapir, E.—Language—An introduction to the study of speech. (A Harvest Book, Harcourt, Brace & World, Inc. New York, 1949).
5. Bloomfield, L.—Language (New York—Holt, London : —Uniwin—Reprint : 1962—also available in Indian edition—Motilal Banarasi-das, New Delhi—1963) Chapters 1—16.
6. Bolinger, D.—Aspects of Language (Harcourt, Brace & World Inc. New York—1968).
7. Chao, Y. R.—Language and Symbolic Systems (Cambridge University Press, London, 1968).
8. Langacker, R. W. —Language and its Structure—Some Fundamental Linguistic Concept (Harcourt, Brace and World, Inc., New York—1968).
9. Lyons, J.—Introduction to Theoretical Linguistics (Cambridge University Press—1968).

Paper II—*Historical Linguistics*

1. The chief problems of Historical Linguistics ; the nature of sound change and its regularity, the problem of Linguistics affinity, the proto-language and the value of reconstruction, the question of sub-group and the theory of linguistic differentiation.
2. Linguistic Geography—Its implications to historical studies ; mapping of linguistics data, dialect geography, areal linguistics.
3. Linguistics change—Causes, processes, results, Classification of Linguistics change—Semantic, Morphological, lexical.
4. Classification of Languages—Geneological, Typological.
5. Language families in the World and India in particular.

Books Recommended

1. Hockett, C. F.—A course in Modern Linguistics (The Macmillan Company, New York—1958) Chapters 41—60, 64.

2. Sapir, E.—Language—An Introduction to the study of Speech. (A Harvest Book, Harcourt, Brace and World, Inc. New York.—1949) Chapters 1, 7—11.
3. Bloomfield, L.—Language (New York—Holt, London: Unwin—Reprint: 1962—also available in Indian edition—Motilal Banarasi-das, New Delhi—1963) Chapter 17—28.
4. Hoenigswald, H. M.—Language Change and Linguistics Reconstruction (University Chicago Press, Chicago—1960).
5. Taraporewala, I. J. S.—Elements of the Science of Language. (Calcutta University Press, 3rd Revised Calcutta—1962 Chapter 11).
6. Lehmann, W. P.—Historical Linguistics—An Introduction, with exercises to accompany Historical Linguistics. (Holt Rinehart and Wintonson, New York—1962) also cheap Indian Edition.
7. Meillet, A.—La Methods Comparative on Linguistique Historique. (H. Aschehough & Co. Oslo—1925).
8. King, R. D.—Historical Linguistics and Generative Grammar. (Englewood Cliffs, Prentice-Hall, 1969).
9. Trager, G. L.—Language and Languages. (San Fransisco. Chandler Publishing Co.—1972).
10. Bhat, D. N. S. —Sound Change. (Bhasha Prakashan C/o. Deccan College, Poona—6 1972).

Paper III—*Linguistic Analysis*

(50 marks for essay-type questions. 50 for solving problems).

1. Advanced Phonetics—Air stream Mechanisms, controlling mechanism. Vocoids, contoids their subtypest. Vowels and consonants. Exercises in Phonetic transcription.

2. Advanced Phonology—Techniques of Analysis. Problems: phonetic similarity, grouping; neutralization; monophonematic *vs.* phonematic analysis; over-lapping; Jactural analysis; Supra segmental phonemena. Exercises in Phonemic Analysis.

3. Advanced Morphology. Techniques Analysis. Problems of segmentation, grouping and meaning. Process *vs.* Arrangement. Exercises in morphemic, morphological and morphophonemic analysis.

4. Advanced syntax. IC Analysis. Phrasco-structure granumar. The notion of transformiaon.

Books Recommended

1. Pike, K. L.—Phonetics. University of Michigan Press Ann Arbor.
2. ———Phonemics. University of Michigan Press, Ann. Arbor.
3. Ladefoged, P.—Preliminaries to Linguistics Phonetics. University of Chicago Press Chicago.
4. Nida, I.—Morphology—The Descriptive Analysis of Words.
5. Harris, Zelligs—Method in Structural Linguistics. University of Chicago Press, Chicago.
6. Chomsky, N. Syntactic Structures. Mouton, The Hague.

Paper IV—Field Methods

Candidates are required to work with an informant for two terms on an unknown languages and show knowledge of field procedures used in the analysis of a language. They should prepare the phonology/morphology of the language used and know how to write the results. They should know the problems and difficulties involved in the work and how to cope with them.

Every candidate should submit to the University before the date of to be specified from year to year, two typewritten copies of the dissertation which will carry 100 marks. The dissertation will be assessed by the guide and one of the examiners and the mean of the two assessments will be taken as the evaluation of the dissertation. In case of failure in the Part II examination, candidates will have the option of carrying over the marks of his dissertation or submitting a fresh dissertation.

Books Recommended

1. Nida, E. A.—Morphology—the descriptive analysis of words. (Ann. Arbor, University of Michigan Press—2nd Edition—1949) pp. 175 to 281.
2. Bloomfield L.—Outline guide for the practical study of Foreign Languages (Linguistics Society of American, Baltimore—1942).
3. Hockett, C. F.—A course in Modern Linguistics. (The Macmillan Company, New York—1958—also available in Indian edition, Chapter 12).
4. Pike, K. L.—Phonemics—A technique for reducing languages to writing. (Ann Arbor, University of Michigan Press—1947).

5. Harris, Z. and Voegelin, C. F.—Eliciting—SJA 9, 59-75.
6. Swadesh, M.—A Method of phonetic accuracy and speed AA. 39, 72 8—32.
7. Lounsbury, F.—Field Methods and techniques in Linguistics in Krober, A. L. (Ed.)—Anthropology Today (University of Chicago, Chicago-1953. pp. 401 to 416.
8. Hayes—Field Procedures while working with Diegueno. IJAL 20. 185—94.
9. Nida, E. A.—Field Techniques in descriptive Linguistics. IJAL. 13. 138-46.
10. Samarin, W. J.—Field Linguistics—A guide to linguistic field work (Holt, Rinehart, and Winston 1967).
11. Nida, E. A.—Learning a foreign Language—A Handbook for Missionaries, Foreign Missions' Conference of North America, (New York). 1950.

Paper V—*Sociolinguistics*

1. Micro-Sociolinguistics

- (a) The notion of communicative competence.
- (b) Concepts of speech situation, speech event, speech act.
- (c) Form and function. Units of discourse.

Interaction patterns in social groups ; conversational analysis ; analysis of other forms for discourse.

2. Language Variation

- (a) Types of variation : dialectal and stylistic, according to social class, region, caste, colour, sex, age.
- (b) Attitudes to variation : Bernstein's deficit hypothesis ; standard and non-standard dialects.
- (c) Diaglossia.
- (d) Linguistics games.

3. Language and Social Structure.

Covariation between linguistics features and social roles. The concept of the speech community and linguistics repertoire, Functional importance of dialects/languages ; domains of language behaviour Mixing and switching of codes.

4. (a) Language Society and Culture. The concept of culture.
 (b) World view and linguistics patterns—the Sapir—Whorf hypothesis.
5. Languages in contact
 - (a) Bilingualism and multilingualism: origin, spread, continuance, of bilingualism.
 - (b) Linguistics features of borrowing and innovation.
 - (c) Language mixture and crystallization of new languages. Pidgins and creoles.
 - (d) Language maintenance and change and its relation to social and cultural factors. Language and identity.
 - (e) The effect of bilingualism on intelligence and group identification.
6. Language Planning
 - (a) Cognizance of linguistic problems of developing and developed countries and their effect on the political and social life of the community. The special problems of linguistics minorities.
 - (b) Factors in the choice of a national language, language of wider communication, and processes of implementation.
 - (c) Standardization, modernization and reconstruction of languages.
 - (d) Devising and reforming scripts: relationship between speech and writing; evaluation of writing systems.
 - (e) Languages in education: as medium of instruction, subjects of study. Bilingual education programmes. Literacy programmes.

Recommended Reading

1. Pride J. B. Homes, Janet—*Sociolinguistics*, Penguin, 1972.
2. Giglioid, Pier Paolo, *Language and Social Context*, Penguin, 1972.
3. Burling, Robbins—*Man's many voices: Language in its cultural context*, Holt, Rinehart and Winston, 1970.
4. Weinreich, Uriel, —*Languages in contact*, Mouton, 1966.
5. Ferguson, C. A. —*Language structure and Language Use*. Stanford University Press, 1971.

6. Fishman, J. A.—*Language in Socio-Cultural Change*, Standanford University Press, 1972.
7. Fishman, J. A.—*Readings in the Sociology or Language*, Mouton, 1968.
8. Gumperz, J. and Hymes, D. (ed.)—*The Ethnography of Communication*, American Anthropologist, 66, 6, Part II, 1964.
9. Gumperz, J.—*Language in Social Groups*, Standford University Press, 1971.
10. Gumperz, J. and Hymes, D. (Ed.)—*Directions in Socio-linguistics*, Holt, Rinehart and Winston, 1972.
11. Rubin J. and Jernudd, B. H.—*Can Language be Planned :*
12. Kroeber, A. L.—*Anthropology*.
13. Herskovits, M. J.—*Man and his Works*. New York, Alfred A. Knopf, 1948.
14. Hoijer, Harry (Ed.)—*Language in Culture*. University of Chicago Press, Chicago, 1954.
15. Gelb, I. J.—*A Study of Writing*, London Routledge and Kegan Paul Ltd., 1952.

Paper VI—*Schools of Linguistics*

1. The transformational-Generative grammar—its phonological, syntactical and semantic components.
2. Stratificational Grammar.
3. The tagmemic analysis of Language.
4. The scale and category approach to Grammar.

Books Recommended

1. Bloomfield, L.—*Language* (New York—Holt, London : Unwin-Reprint : 1962—also available in Indian edition—Motilal Banarasi-das. New Delhi—1963) Chapter 1—16.
2. Gleason H. Jr.—*An Introduction to Descriptive Linguistics*. (Holt, Rinehart and Winston Inc. New York—Second edition 1966 and also available in Indian edition—Oxford and IBH Publishing Co. Calcutta, Bombay, New Delhi—1968).
3. Carroll, J.—*The Study of Language*. (Harward University Press, Cambridge, 1963).

4. Cook, W. A.—An Introduction to Tagmemic Analysis (New York, Holt, Rinehart and Winston 1969).
5. Elson B. and Piekett, V.—An Introduction to Morphology and Syntax (Summer Institute of Linguistic California 1965).
6. Bach—An Introduction to Transformational Grammar (New York—Holt Rinehart and Winston, 1964).
7. Chomsky, N.—Aspects of the Theory of Syntax (MIT Cambridge, Massachusetts, 1964)
8. Kytsoudas, A.—Writing Transformational Grammars : An Introduction (New York : McGraw Hill, 1966).
9. Rosenbaum, P. S. and Jacobs, R. A.—English Transformational Grammar (Waltham, 1968).
10. Postal, P. M.—Aspects of Phonological Theory (New York : Harper and Row : 1968),
11. Halliday, M. K.—Categories of the Theory of Grammar. In *Word*, 17, (1961).

Paper VII—*Language Learning and Teaching*

1. Language Learning :

A. Theories of Language Learning : Behavioristic, Cognitive.

B. Processes and factors :

(a) First language acquisition : maturational and environmental factors.

(b) Second language learning : simultaneous, sequential ; in children, in adults.

(i) Linguistic processes : limitation, rule-formation, first language interference, wrong analogies.

(ii) Psychological factors : motivation, orientation, personality variables, aptitude, learning strategies.

(iii) Social and cultural factors : acculturation, anomie social context of acquisition.

(iv) Biological factors ; the critical age hypothesis, physical deficiencies.

C. Formal and informal language learning.

2. Language Teaching :

- (a) Syllabus design : Formulation of objectives : Types of syllabuses : Structural, situational, communicative, etc. Principles of selection and gradation.
- (b) Methods : Grammar—Translation, Direct, Audio-Lingual, Bilingual, Cognitive Code—Learning, the Silen Way, Community Language Learning. Suggestopaedia and other recent methods.
- (c) Classroom techniques and aids for teaching.
- (d) Classroom interaction patterns ; teacher-student, student-teacher etc.

3. Language teaching and linguistics.

- (a) Influence of linguistics on methods.
- (b) The concept of error. Causes : the contrastive analysis hypothesis, Li type error. Interlanguage, the pidginization hypothesis. Methods of dealing with error.
- (c) Psycholinguistics and language learning :
 - (i) Information processing : long and short-term memory.
 - (ii) Natural sequence in learning : Grammatical structures, features of discourse.
 - (iii) Language and cognitive development.
 - (iv) Language disorders and the light they throw on language learning.

4. Language testing and evaluation.

- (a) Principles.
- (b) Types of testing techniques :
 - (i) Integrative and discrete-item testing ; subjective and objective testing.
 - (ii) Types of testing formats.
 - (iii) Types of tests :
Aptitude, diagnostic, achievement, proficiency ; formative and summative tests, norm-referenced and criterion-referenced tests.

Books recommended

1. Christophersen, Paul—*Second Language learning : Myth and reality*, Pringuin, 1973.
2. Pit Corder, S.—*Introduction Applied Linguistics*, Penguin, 1973.
3. Mark, Lester, *Readings in Applied Transformational Grammar*, Holt, Rinehart and Winston, 1970.
4. Allen, Harold and Campbell, R. N.—*Teaching English as a Second Language*, Tata McGraw Hill, 1974.
5. Allen, Harold and Campbell, R. N.—*Reaching English as a Applied Linguistics*, Vol. 1-4.
6. Hatch, E. M.—*Second Language Acquisition*, New bury House, 1977.
7. Rivers, Wilga—*Teaching Foreign Language Skills*.
8. Richards, Jack,—Error Analysis ELBS/Longman, 19.
9. Lambert, W. E.—*Language, Psychology and Culture*, Standford University Press, 1972.
10. Wilkins, David—*Linguistics and Language teaching*, Edward Arnold, 1972.
11. Slobin, Dan—*Psycholinguistics*, Berkeley, 1971.

Or

Paper VII—*Linguistics in Ancient India*

1. History of Linguistics thought in Ancient India—vedic, Post-vedic vedic periods : The pratisakhyas, the Sikas, Nirukta, Vyakarana.
2. Different systems of Sanskrit grammar and their literature. Prakrits and Pali grammars and their contribution.
3. The structure of Panini's grammar.
4. The philosophy of Sanskrit grammar.
5. Study of phonetics, morphology, syntax and theories of meaning in Ancient India.
6. Linguistics speculation in Ancient India in relation to Modern Linguistics.

Books Recommended

1. Belwalkar, S. K.—Systems of Sanskrit Grammar, (Poona, 1915).
2. Siddheshwar Varma—Critical studies in the phonetic observations of Indian Grammarians (Delhi—Munshi Ram Manoharlal, 1961).
3. Allen, W. S.—Phonetics in Aciend India, (Oxford University Press, London, 1953).
4. Mishra, V. N.—Descriptive Techniques of Panini—An Introduction (Hague, Mouton and Co., 1969).
5. Ayer, K. A. Subramania (Ed.)—Bharatrhari—A study of the Vakyapadya in the light of the ancient commentaries. (Poona, DCPRI, 1969).
6. Kunhan Raja C.—Theories of Meanings : (The Adyar Library and Research Centre, Madras, India, 1963).
7. Renou L. (Ed.)—La Durghatavritti of Saranadeva. (Paris).
8. Chankravarti Prabhat Chandra—The Philosophy of Sanskrit Grammar. (Calcutta University, Calcutta, 1930).
9. Chakravarti Prabhat Chandra—The Linguistics Speculations of Hindus. (Calcutta University, Calcutta, 1933).
10. Skold K.—Nirukta and its place in Old Indian Literature ; its etymologies. (Lund, C. W. K. Gleerup, 1926).

*Paper VIII—Semantics and Lexicography**(a) Semantics—(60 marks)*

1. Nature and scope of Semantics.
2. Types of Semantics—Semiotics, Linguistics Semantics—(i) Descriptive (ii) Historical, General Semantics.
3. Semantics and its place in Linguistics. Its relation to Syntax.
4. Generative Semantics and Interpretative Semantics.
5. Meaning and Semantic theories.
6. Types of meaning.
7. Homonymy, Polysemy, Antonymy.

Bibliography

- (1) Katz—Semantic theory.
- (2) Osgood—Measurement of meaning.
- (3) Stern—Meaning and change of meaning, with special reference to English Language.
- (4) Ullmann—Semantics—An Introduction to the Science of Meaning
- (5) Weinreich—Explorations in Semantic theory.
- (6) Lokoff George—‘On Generative Semantics’ (In Semantics : An Interdisciplinary reader in Philosophy, Linguistics and Psychology, (Ed. Steinberg).
- (7) Lyons—Introduction to Theoretical Linguistics.
- (8) Chafe—Meaning and Structure of language.
- (9) Leach—Semantics.
- (10) Jackandoff—Semantic Interpretation in Generative Grammar.

(b) Lexicography—(40 marks)

1. Lexicography and Lexicology.
2. Word and its nature—Simple and compound ; Idioms and phrases.
3. Place of Lexicon in Linguistics.
4. Lexicon and grammar.
5. Lexical meaning and Lexical definitions.
6. Treatment of Homonymy, Polysemy, Hyponymy and other types.
7. Types of dictionaries.
8. Practical Problems in Lexicography :
 Planning of Dictionaries.
 Use of mechanical methods in Lexicography.

Bibliography

- (1) Eric Partridge—The gentle art of Lexicography.
- (2) Witold Doroszewski—Elements of Lexicology and Semiotics.
- (3) Nida and Taber—Theory and practice of Translation.
- (4) Fred, W. Householder and Sol Saparts—Problems in Lexicography.

- (5) Mathoit—Place of Dictionary in Linguistic Description Language Vol. 43 (1967).
- (6) Ladislav Zgusta—Manual of Lexicography.
- (7) Katz—Semantic theory.
- (8) Katz—Computer and Lexicography (in the use of computers in Anthropology—Ed. Dell Hymes).
- (9) Ghatage, A. M.—An encyclopaedic Dictionary (Introduction) of Sanskrit.

Or

Paper VIII—*Comparative Indo Aryan*

1. The position of Indo-Aryan within the IE in family. Changes in broad outline from IE through Indo-Iranian to OIA, in Phonology.
2. Development of Indo-Aryan through the stages of OIA. MIA and NIA.

- (a) OIA—Phonology and grammar—Vedic and Classical.
- (b) Development of MIA Sound System from OIA Sound System. MIA Grammar as a process of simplification and normalisation of OIA grammar. Innovations in MIA Grammar.

The Dialects of MIA and their chronological and geographical distribution.

Sources of MIA vocabulary—Tatsama, Tadbhava, Desaydhatvadevas.

- (c) A survey of NIA Language (Including Sinhalese, Romani and Dardic Language)—

Their classification : Development of the phonological and morphological systems of the major language groups from the MIA system.

MIA Broad survey of Pali, Prakatis-Inscriptional, Gandhari, Literary.

NIA Broad survey, Position of Dardic, Sinhalese and Romani.

Sub-grouping of NIA. Languages.

Books Recommended

1. Meillet, A.—Les Dialects Indo-Europeans 2nd ed. English translation —Rosenberg S. N. (The Indo-European dialects)—University of Alabama Press, Alabama, 1967) Ch. 2. Indo-Iranian.

2. Jules Bloch—L'Indo-Aryan (English translation)—Master A. Paris, Librarrie D'Americquet D'orient, 1965).
3. Ghatage, A. M.—Historical Linguistics and Indo-Aryan (University of Bombay, 1962) Ch. 4-6.
4. Chatterji, S. K.—Indo-Aryan and Hindi (Revised Edition), Calcutta, Firma, K. L. Mukhopadyay—1969).
5. Grierson G. A.—On the Modern Indo-Aryan vernaculars.
6. Turner, R. L.—A comparative dictionary of the Indo-Aryan Languages. (Oxford University Press, London, 1962-66).
7. Bloch, J.—La Formation de la language marthe, tr.—Chanana, D. R. (The formation of Marathi language) Motilal Banarasidas, Delhi, 1970).
8. Chatterji, S. K.—Origin and development of the Bengali language (George, Allen and Unwin, London, 1970). Vol. I, Introduction only).
9. Emeneau, M. B.—India as a linguistic area, language 32 (1956).
10. Burrow, T.—The Sanskrit language. (Faber & Faber, London, (Revised Edition).
11. Mehendale, M. A.—Some aspects of Indo-Aryan Linguistics, (University of Bombay, 1968).
12. Sen S.—A Comparative Grammar of Middle Indo-Aryan. (Linguistic Society).

Or

Paper VIII—Comparative Indo-European

- (i) Survey of IE studies in the 19th and 20th Centuries.
- (ii) Outline of Comparative grammar of IE.
 - (a) The IE languages, ancient and modern.
 - (b) Phonemic systems of the chief IE languages—Sanskrit, Latin, Greek.
 - (c) Reconstruction of the IE phonemic system based on comparison: consonants, sonats, accet.
 - (d) Outline of the development of IE phonology into systems of Sanskrit, Greek and Latin.
- (iii) Outline of IE Morphology.

Books recommended

1. Pederson, H.—The Discovery of Language—Linguistic Science in the Nineteenth Century (Tr. Spargo) Indian University Press, Bloomington—1959).
2. Meillet, A.—Introduction Loetude Comparative des Langues Indo-Europeannes (Paris—1924).
3. Buck, C. D.—Comparative Grammar of Greek and Latin (University of Chicago Press, Chicago—1959).
4. Burrow, T.—The Sanskrit Language (Faber & Faber London, Revised edition 1965).
5. Hudson-Williams, T.—A Short Introduction to the Study of Comparative Grammar (Indo-European), (University of Wales, Cardiff 1966).
6. Lockwood, W. B.—Indo-European Philology, (Hutchinson University Library, London—1959).
7. Ghosh, B.—Linguistics Introduction to Sanskrit (India Research Institute, Calcutta—1937).
8. Edgerton, F.—Sanskrit Historical Phonology (Supplement to JAOS 66. 1.—1944).

*Or**Paper VIII—Comparative Dravidian*

1. Introductory—Language families of India. Survey of Dravidian Languages. Indian as a Linguistics Area.
 2. Sub-classification of the Dravidian family of languages into North, South and Central. The characteristics of each sub-group. Problems.
 3. Proto Dravidian Phonological system. Changes in the system as found in the daughter Language Correspondences. Problems.
 4. Comparative Dravidian Grammar—Nominal System, Pronominal system, Verbal System Numerals. Problems.
 5. External relations. Discussion of various suggested affiliations.
 6. A brief History of Dravidian Studies.
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COMPARATIVE LITERATURE

Paper VII—

- (a) Principles and Methods of Comparative Literature 60 marks
- (b) A study of Literary movements and inter-cultural influences *e.g.* the influences of the classics. The Renaissance : Romanticism ; Realism, Neutralism and Symbolism. 40 marks

Or

- (b) A dissertation on any topic related to the movements mentioned above especially in the context of Indian Literature—(40 marks—Internal Assessment).

Paper VIII—

Sources and of influences of Mediaeval and Modern Indian Literature.

AESTHETICS

Paper VII—*The Discipline of Aesthetics* (1980-81).

Topics

I. The Nature of Aesthetics and its relation to Art—Criticism

Aesthetics as 'meta-criticism'—a philosophical discipline which studies concepts used in practical art criticism—this study covers the logical peculiarities of concepts and judgements in art-criticism and the content of aesthetic concepts.

II. The Nature of Aesthetic Judgement

- (A) Kant's theory of the Singularity of Aesthetic Judgement and the problem of general aesthetic criteria.
- (B) Theories of aesthetic predicate/concepts.
- (i) Naturalism
 - (ii) Intuitionism
 - (iii) Emotivism
 - (iv) Gallie's theory of Essentially Contested Concepts.
 - (v) Wittgenstein's theory of Family Resemblance.

III. *The Nature of Aesthetic Experience* (with special reference to Hedonism and theories of Emotionality of Aesthetic experience).

- (A) Hedonism (Aesthetic Pleasure)
- (B) Emotionality
- (C) Rasa.

IV. *The Nature of a Work of Art* :

- (A) Ontological Status of a Work of Art.
- (B) Theories of Aesthetic Form (with special reference to the theories) of Organic Whole and Significant Form).

V. *The Relation of the Creative Process and the Aesthetic Value*

- (A) Sociological Theories, (with special reference to Marxism).
- (B) Psychological Theories (with special reference to Psycho-analysis).
- (C) Concepts of : Imagination-Fancy ; 'Pratibha' : artists 'Intention', and 'Personality.'

VI. *The Relation of Aesthetic Value to Other Forms of Value.*

- (A) (i) Truth and thought in art :
- (ii) Art and Moral goodness :
- (B) Is Aesthetic experience autonomous ?
(with special reference to the following theories :
Kant's theory of Free Beauty, Croce's theory of Expressionism).

Books recommended

(The same as in the Old syllabus)

Paper VIII—*Aesthetics* (1981—1982)

Two Basic texts from the Western and the Eastern Aesthetic traditions and elements of Painting or Music.

Section I

No change—(The same as in the Old syllabus)

Section II

No change—(The same as in the Old syllabus).

*Section III**(Painting)*

- Urge for Graphic Expression.
- The Nature of Experience and the process of its transformation into a work of visual Art which possesses significant form and expresses aesthetic emotion.
- The tools of aesthetic expression—(*i.e.* Brush, Pencil, Chisel and Colour, Line, Lass and Space).
- Artist's attitude to Reality. The three principal attitudes :
 - Emotional — Romantic
 - Rational — Realist
 - Ideal —

(General acquaintance with different painterly movements from 18th Century onwards, with special reference to Impressionism, Expressionism and Cubism is expected).

*Section III**(Music)*

1. Need for Musical Aesthetics.
 2. Nature of Musical Arts. Basic concepts.
 3. Levels of Music Appreciation.
 4. Problems of Music Criticism.
 5. Music and Literature in India.
 6. Music and other arts :
 - Drama
 - Dance.
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HISTORY

The following will be the scheme of papers in History for the revised M.A. degree course introduced from the academic year 1980-81.

Group I—(Part I—1980-81)

Following will be the four papers in Group I :—

Paper I—*History of India*

(*Option 'A'*)—Social and Economic History of India (320 B.C. to 647 A.D.)

Or

(*Option 'B'*)—Some aspects of Social and Economic History of India—
The Mughals (1500—1750).

Or

*(*Option 'C'*)—Political Ideas and Ruling classes in India (1200—1700)
(An exclusive study of the Delhi Sultanate and the Mughals Empire)

Or

(*Option 'D'*)—Social and Economic History of South India (1300—1600)

Or

(*Option 'E'*)—Economic, Administrative and Cultural History of the Marathas (1600—1818).

Paper II—*History of India*

(*Option 'A'*)—The Economic History of India—(1793—1947).

Or

(*Option 'B'*)—The Indian National Movement —(1858—1947).

Paper III—

(*Option 'A'*)—The French Revolution and the Napoleonic Era (1789—1815).

Or

* Deleted from the academic year 1981-82 and thereafter.

(*Option 'B'*)—British and the Industrial Revolution.

Or

(*Option 'C'*)—Contemporary Europe (1935—1965).

Or

(*Option 'D'*)—Commonwealth in the 20th Century (1900—1970).

Paper IV—

(*Option 'A'*)—History of U.S.A. (1913—1974)

Or

(*Option 'B'*)—History of China (1838—1970)

Or

(*Option 'C'*)—History of Japan (1853—1970).

M.A—Part II

Paper V—*Theories of History*

Or

Historiography

Or

Practice of History.

Paper VI—History of Modern Maharashtra.

(A study in Regional History)—1818—1920.

Or

History of Bombay (A study in Urban History).

Paper VII and VIII—Will be papers for specialisation.

Students offering entire History (8 papers) will be required to study the following papers at the revised M.A. (Part I) Group I in the current academic year *i.e.* 1981-82 and thereafter :—

Group I

Paper I—*History of India*

(*Option 'A'*)—Social and Economic History India (320 B.C.—647 A.D.)

Or

(*Option 'B'*)—Some Aspects of Social and Economic History—The Mughals -1500-1750)

Or

(*Option 'C'*)—Social and Economic History of South India (1300-1600)

Or

(*Option 'D'*)—Social, Economic, Administrative and Cultural History of the Marathas (1600-1818)

Paper II—*History of India*

(*Option 'A'*)—Economic History of India (1793-1947)

Or

(*Option 'B'*)—Indian National Movement (1858-1947)

Paper III—

(*Option 'A'*)—French Revolution and Napoleonic Era (1789-1815)

Or

(*Option 'B'*)—Britain and the Industrial Revolution (Till 1901)

Or

(*Option 'C'*)—Contemporary Europe (1939-1965)

Or

(*Option 'D'*)—Commonwealth in the 20th Century 1900-1970.

Paper IV—

(*Option 'A'*)—History of U.S.A. (1913-1974)

Or

(*Option 'B'*)—History of China (1838-1970)

Or

(*Option 'C'*)—History of Japan (1853-1970)

Students offering entire History will be required to study the following papers as Papers V, VI, VII and VIII in Group II at the revised M.A. (Part II) course in the current academic year i.e. 1981-82 and thereafter:—

Group II

Paper V—*Theories of History*

Or

Practice of History

Paper VI—*History of Modern Maharashtra* (A study in Regional History) :—
1813-1920.

Or

History of Bombay (A study in Urban History 1800-1947).

Papers VII and VIII—Papers of Specialization (Any one of the following following Groups) :—

Group ' A '—ANCIENT INDIA

Paper VII—*Political Ideas and Institutions upto 700 A.D.*

Paper VIII— (i) *History of the Mauryas*

Or

(ii) *History of the Guptas.*

Group ' B '—MEDIEVAL INDIA

Paper VII—*Political Ideas and Ruling Classes in India :*

(An exclusive study of the Delhi Sultanate and the Mughals) :
(1200-1700)

Paper VIII—*History of India (Mughals) :* (1556-1658)

Group ' C '—MODERN INDIA

Paper VII—*History of Modern India :* (1757 to 1857)

Paper VIII—*Contemporary India :* (1947-to 1966).

Group ' D '—COUNTRIES OTHER THAN INDIA

Paper VII—*History of Latin America :* (1900 to 1965)

Paper VIII—*History of Soviet Russia :* (1917 to 1964)

Or

Paper VII—*History of South East Asia :* (1900 to 1965)

Paper VIII—*History of West Asia :* (1900 to 1970)

Students entering upon the revised course in the academic year 1981-82 and thereafter and offering four papers of the subject of History and four papers in other disciplines viz. Politics, or Sociology or Economics will be required to

study the following four papers in History for the revised M.A. Part I and Part II examinations.

Part I Examination in 1982 and thereafter

Group I

Paper I—*History of India*

(*Option 'A'*)—Social and Economic History of India : (320 B.C. to 647 A.D.)

Or

(*Option 'B'*)—Some aspects of Social and Economic History of India (The Mughals) : (1500-1750).

Or

(*Option 'C'*)—Social and Economic History of South India (1300-1600).

Or

(*Option 'D'*)—Economic Administrative and Cultural History of the Marathas : (1600-1818)

Paper II—*History of India*

(*Option 'A'*)—The Economic History of India (1793-1947)

Or

(*Option 'B'*)—The Indian National Movement (1858-1947)

Part II Examination in 1983 and thereafter

Group II

Papers VII and VIII—*Under Group D—Countries other than India* (as Papers III and IV)

Or

Papers VII(III)—*History of Latin America*—1900 to 1965.

Papers VIII(IV)—*History of Soviet Russia*—1917 to 1964.

Or

Paper VII(III)—*History of South East Asia*—1900 to 1965.

Papers VIII(IV)—*History of West Asia*—1900 to 1970.

Paper I—History of India**(Optional A)—Social and Economic History of India (320 B.C.—647 A.D.)**

1. Sources—Literary and Archaeological.
2. Hindu Social Organization—family—marriage—women.
3. *Varna* and *Asrama*—Castes and Classes—Untouchability—Slavery.
4. Foreign invasions and formation of social classes.
5. Land-grants and their Social Effects.
6. Change in Tribal and Pastoral Life.
7. Education.
8. Art and Architecture.
9. Village Community—Present Economy.
10. Labour in Ancient India.
11. Ownership of Land—Land Revenue—Land Grants—Landed Aristocracy.
12. Religious Institutions and Landed Beneficiary—Temple Economy.
13. Trade—Inland and Foreign—Trade Routes by Land and by Sea—Transport and Communication—Artisans and Trading Class—Guilds Urban Life—Amusements, Dress, Ornaments, Food, Drink.
14. Industry—Metals, Precious Stones, Textiles, Crafts.
15. Coins : Punch-marked, Mauryan, Indo-Greek, Roman, Kushana, Satvahana Gupta and Vardhana.
16. State Control—Economic Regulations—Revenue and Finance—Taxation.

Books for Study

1. K. M. Saran—*Labour in Ancient India* (Bombay, 1957).
2. R. S. Sharma—*Shudras in Ancient India*.
3. A. K. Coomaraswami—*History of Indian and Indonesian Art*.
4. B. Rowland—*The Art and Architecture of India*.

5. R. C. Majumdar (Ed.)—*History and Culture of the Indian People* (Vols. III & IV).
6. N. R. Ray—*Mauraya and Shunga Art*.
7. K. V. Aiyangar—*Political and Social System of Manusmirti*.
8. G. Mees—*Dharma and Society*.
9. Nilakshi Senagupta—*Evolution of Hindu Marriage*.
10. A. S. Altekar—*Polition of Women in Ancient India*.
11. Bhagwan Das—*Hindu Social Organisation*.
12. Cunningham—*The Ancient Geography of India*.
13. V. N. Ghoshal—*The Agrarian System in Ancient India*.
14. Saletore—*Economic History of Ancient India*.
15. B. P. Majumdar—*Socio-Economic History of Northern India*.
16. N. Venkataramanayya—“Ma’bar from 1311 to 1323 A.D.” *Journal of Oriental Research* XII (1938) pp. 136ff.
17. D. D. Kosambi—*An Introduction to the Study of Indian History*, (Bombay 1958).
18. R. S. Sharma—*Light on Early Indian Society and Economy* (Bombay—1866).
19. Romila Thapar—*Asoka and the Decline of the Maurayas* (Oxford 1961).
20. G. L. Adhya—*Early Indian Economics—Studies in the Economic Life of Northern and Western India, C. 200 B.C. to 300 A.D.* (Bombay, 1966).
21. R. S. Tripathi—*History of Kanarj*.
22. R. S. Sharma—Problems of Transition from Ancient to Medieaval In Indian History. *Indian Historical Review*, Vol. I No. 1, (Delhi, 1974).
23. R. K. Mookerjee—*Chandragupta Maurya and His Times*.
24. S. K. Maity—*The Economic Life of Northern India during the Gupto Period*. (Calcutta, 1957).
25. H. C. Chakaldar—*Social Life in Ancient India*.
26. R. C. Majumdar—*Corporate Life in Ancient India*.
27. R. K. Mookerji—*Local Government in Ancient India*.
28. R. K. Mookerji—*Ancient Indian Education*.
29. B. Rowland—*Art and Architecutre of India*.

30. R. N. Saletore : —*Early Indian Economic History*.
 31. Romila—Thapar—*Social History of India*.

Books for Reference

1. A. N. Bose—*Social and Rural Economy of Northern India*, 2 Vols. Calcutta 1942-45).
2. B. M. Barua—*Asoka and His Inscriptions*, (Calcutta 1955).
3. R. P. Kangle—*The Kautilya Arthashastra— A Critical Edition with a Glossary*, (Bombay, 1960).
4. K. A. Nilakanta Sastri (Ed.)—*Age of the Nandas and Mauryas*, (Banaras, 1952).
5. K. E. M. Wheeler—*Early Indian and Pakistan*, (London, 1959).
6. B. Chattopadhyay—*Age of Kaushanas—A Numismatic Study*, (Calcutta, 1967).
7. A. K. Narain—*The Indo-Greeks* (Oxford, 1957).
8. B. N. Puri—*India under the Kushanas*, (Bombay 1965).
9. W. Schoff—*The Periplus of the Eraqthrean Sea*.
10. J. F. Fleet—*Inscription of the Early Gupta Kings*.
11. R. C. Majumdar and A. S. Altakar (Ed.)—*The Vakataka—Gupta Age* (Banaras 1954).
12. H. A. Giles (Tr.)—*The Travels of Fa-Hian or Record of Buddhistic Kingdoms* (Cambridge, 1933).
13. S. Seal (Tr.)—*The Life of Hiuén Tsang*.
14. R. S. Sharma—*Social Change in Early Medieval India* (Circa A.D. 500-1200) (Delhi 1969), relevant chapters.
15. N. C. Bandopadhyaya—*Kautilya*, Calcutta, 1927.
16. V. A. Smith—*Early History of India*.
17. R. C. Majumdar (Ed.)—*The Age of Imperial Unity*.
18. K. P. Jayaswal—*History of India 150 A.D. to 350 A.D.*
19. R. N. Saletore—*Life in the Gupta Age*.
20. M. L. Ettinghansen—*Harsha-Vardhana*.
21. K. M. Panikkar—*Shri Harsha of Kanauj* (Bombay, 1932).
22. A. S. Altekar—*State and Government in Ancient India*.
23. D. C. Sirkar—*Inscriptions of Asoka*.
24. P. L. Gupta—*Bibliography of the Hoard of Punch Marked Coins in Ancient India*.
25. C. R. Singhal—*Bibliography of Indian Coins*.
26. A. L. Basham—*Sources of Indian Tradition*.

Paper I- *History of India.*

(Option B)—Some Aspects of Social and Economic History—The Mughals (1500—1750).

1. *The Village and the Peasants* : Land-Relations ; Various types of Peasants ; Magnitude of Revenue Demand ; Methods of Assessment and Collection ; Living Conditions of the Peasantry.
2. *Community Life : Caste System : Family and Law of Inheritance.*
3. *Agricultural Production* : Pattern of agricultural production ; Area under cultivation ; Peasant cultivation ; Extent of commodity production ; Methods of extension of cultivation.
4. *The Zamindars* : Nature of their rights ; their clan or tribal base ; *Zamindars as Mansabdars* : their Relationship with the State ; their position in the Local administration and agrarian society ; *Ijaradars.*
5. *The Khalis, Jagirs and Madad-i-Maash Lands* :
 - (a) *The Kalisa* ; its extent in different regions.
 - (b) *The madad-i-mash* : Land, its nature ; social and economic significance.
 - (c) The Jagirs or Revenue assignment ; Main features and development in the system ; Its effects on agrarian society.
6. *Land Revenue Administration* : With special reference to Sher Shah, Akbar, Shahjahan and Aurangzeb.
7. *Agrarian crisis of the Mughal Empire : Nature of Peasant revolts.*
8. *Industry* : Major Industries and Handicrafts ; Manufacturing techniques and Organisation of Production ; Karkhanas ; Textile manufactures—Silk, wool, hemp, jute, and cotton ; Industrial organisation—Artisans and Urban Wages.
9. *Trade and Commerce* :
 - (a) Currency ; Finance and Mercantile Community ; Credit system and financing of trade ; Coastal and Internal trade ; The Organisation of Commerce.
 - (b) The volume of Foreign trade ; Articles of import and export ; Impact of the foreign commerce on Indian economy ; influx of bullion ; Major Indian Ports ; Important foreign ports in the Indian Seas ; Trade routes.

Books for Study

1. Irfan Habib—*The Agrarian System of the Mughals*.
2. N. A. Siddiqui—*Land Revenue Administration under the Mughals*.
3. W. H. Moreland—*Agrarian System of Moslem India* (Indian Reprint).
4. W. H. Moreland—*India at the Death of Akbar*, London, 1920. (Indian Reprint).
5. W. H. Moreland—*From Akbar to Aurangzeb*, London 1923.
6. Athar Ali—*Nobility under Aurangzeb*.
7. K. M. Ashraf—*Life and Conditions of the People of Hindustan*.
8. S. S. Kulshrasta—*The Development of Trade and Industry under the Mughals*, 1964.
9. A. I. Chicherov—*India : Economic Developments in the 16th, 18th Centuries*, Moscow, 1971.
10. H. K. Naqvi—*Cities and Industries in Upper India 1556—1803*.
11. Radha Kamal Mukherjee—*Economic History of Indian 1600—1800*.

*Books for Reference**Sources*

1. Abdul Fazl—*Ain-i-Akbari*, Ed. Blochmann, Bib. 2nd Calcutta, 1867-1877.
2. Ali Mohammad Khan—*Mirat-i-Ahmadi* (Eng. Tr.).
3. *Selected Documents of Shah Jahan's Reign*, Pub. by the Daftar-i-Diwani, Hyderabad—Deccan, 1950.
4. *Selected Documents of Aurangzeb Region (1659—1706)* Ed. Yusuf Husain Khan, Hyderabad, 1958.

Books

1. A. J. Syed—*Aurangzeb in Muhtakhab-ul-Lubab*, Bombay, 1971.
2. Bernier—*Travels in the Mughal Empire*
3. P. Nicholas—*Mohammaden Theories of Finances*.
4. N. K. Naqvi—*Urbanisation and Urban Centre under the Great Mughals* 1971.
5. Abdul Aziz—*The Mansabdari System and the Mughal Army*.
6. Baden Powell—*The Indian Village Community*.
7. J. N. Sarkar—*India of Aurangzeb*.
8. Moreland and Geyl (Tr.)—*Jehangir's India by Francisco Pelsaert*.

9. Sir Charles Fawcett—*The English Factories in India*, New Series, 4 Vols.
10. T. Raychowdhari—*The Dutch in Coromandal*.
11. Edward Thomas—*Revenue Resources of the Mughal Empire in India*, From A.D. 1593 to 1707.

Articles

1. A. V. Desai—"Population and standards of Living in Akbar's Time :"
Indian Economic and Social History Review, (IESHR) IX, 1972.
2. B. R. Grover : "Nature of Land Rights in Mughal India," *Indian Economics and Social History Review*, Vol. I ; 1963.
3. B. R. Grover—"Nature of Dehat-i-Taalaga (Zamindari Villages) and the Evolution of the Taaluqdari System during the Mughal Age," *The Indian Economic and Social History Review*, Vol. II, No. 3, 1965.
4. Irfan Habib—"Landed Property in Pre-British India (A History Survey)," *Indian Society : Historical Proofings*, Ed. R. S. Sharma, Delhi, 1975.
5. Irfan Habib : "The Mansab System, 1595—1637", *Proceeding of the Indian History Congress*, 1968.
6. Irfan Habib—"Potentialities of Capitalistic Development in the Economy of Mughal India," *Enquiry*, Winter, 1971. *Socialist Digest*, 1973.
7. S. Nurul Hassan—"Zamindars under the Mughals," *Land Control and Social Structure in Indian History*, Ed. R. E. FryKenburg, Wisconsin, 1969.
8. Shireen Moosvi—"Production, Consumption)of Population in Akbar's Time," *Indian Economic and Social History Review*, 1978.
9. Dilbagh Singh—"Caste and the structure of Village Society in Eastern Rajasthan During the 18th Century " *Indian Historical Review*, Vol. 11, 2.
10. N. A. Siddiqui—"Land Revenue Demand under the Mughals," *Indian Economic and Social History Review*, Vol. II, No. 4, 1965.
11. N. A. Siddiqui—"Nature of the *Sairjihat* taxes," " *Proceedings Indian History Congress*, 1965.
12. N. A. Siddiqui—"The Implications of the Month Scales in the *Maasabdari* System," *Proceedings Indian History Congress*, 1961.
13. Satish Chandra—"Some Aspects of the Indian Village Society in Northern India during the 10th Century ;," *Indian Historical Review*.
14. Satish Chandra—"Some Aspects of the growth of money economy in India," *I.E.S.H.R.*, 1966.

15. Irfan Habib—*Mughal Technology and Economy*.
16. Iqtidar Alam Khan,—“The Middle Classes in the Mughal Empire,” *Proceedings Indian History Congress*, Aligarh, 1975.
17. B. R. Grover—The pattern of Integrated Commercial Life in the Rural Society in North India during the 17th Century, *P.I.H.R.C.*, Delhi Session. 1966.
18. J. P. Richards—“Imperial Crisis in the Deccan,” *South Asia Study Review*, 1976.
19. A. J. Qaisar—“Distribution of the Revenue Resources among the Mughal Nobility,” *P.I.H.C.*, 1965.
20. A. J. Qaisar—“The Role of Brokers in Medieval India,” *Indian Historical Review*, Vol. 1 No. 2.
21. W. Smith—“Mughal Empire and the Middle Classes,” *Islamic Culture*, 1944.
22. W. Smith—“Lower Class Uprisings in the Mughal Empire,” *Islamic Culture*, 1946.

Or

Paper I—History of India

Option 'C'—Political Ideas and Ruling Classes in India (1200—1700)
(An exclusive Study of The Delhi Sultanate and the Mughal Empire)*

1. *Political Ideas upto 15th Century* : Sovereignty in Mediaeval India—the continuing traditions ; Sovereignty in Mediaeval Islam—the contradictions in Muslim Political ideology ; Theory and Evolution ; the *Shariat* in the Indian environment.
2. *Kingship in Theory and Practice* : Monarchy under the Sultanate ; Origins and development of the *Zawabit* or State-laws with special reference to *Barni's* works ; Nature of the State ; Kingship under the Lodi's and the Sur's.
3. *The Ruling Class* :
 - (a) The Emergences of Turkish Governing Class and Asiatic environment ; The Indo-Turkish bureaucracy ; Theoretical Basis of Relationship between State and the Nobility.
 - (b) Changes in the complexion of the ruling class ; Indianization of the Higher Echelons of Political and Administrative Authority.

* Deleted from the academic year 1981-82 and thereafter.

4. The *Iqtadars* and Khilji Imperialism : Imperialism on trial. *Amiran-i-Sadah* ; Nobility and the King—Decline of the State.
5. *Evolution of a New Theoretical Basis for the Sovereignty* : Turko-Mongol Theory of Kingship ; Concept of Sovereignty and the Mughal Absolutism ; Abdul Fazal's Ideal King ; Theoretical basis of Sovereignty derived from the principles of *Sulah-i-Kul*.
6. *Organization and composition of the Mughal Nobility* : the early phase ; the *Turu-i-Changezi* ; the Timurid features and the pre-Mughal Indian traditions ; Rise of a new nobility and new norms of relationship between nobility and the king.
7. *The Mughal ruling class* : actual rise of a highly sophisticated absolutism and the emergence of a composite nobility ; the components of the Mughal Governing Class.
 - (a) The *Umara*
 - (b) Autonomous chieftains and Intermediary *Zamindars*
 - (c) The *Mansahdar—Jagirdars*.
8. The dominant groups and changing complexion of the Mughal Nobility under Akbar, Shah Jahan and Aurangzeb.
9. Nature of Mughal Imperialism ; Crisis of Jagirdari System.

Books for Study

1. R. S. Sharma—*Social Change in Early Medieval Indian Feudalism*, Calcutta, 1965. (Chapters V, VI and VII only).
2. Mohammad Habib—*Politics and Society during the Early Medieval Period*, Vol. I (Part I & II only), PPH, 1974.
3. A. B. M. Habibullah—*The Foundation of Muslim Rule in India*, 2nd Ed. Allahabad, 1961.
4. R. P. Tripathi—*Some Aspects of Muslim Administration*, Allahabad, 1959.
5. R. M. Ashraf—*Life and Conditions of the People of Hindustan*, 2nd Ed. Allahabad, 1969.
6. I. H. Qureshi—*Administration of the Sultanate of Delhi*, (Reprint) New Delhi, 1971.
7. S. B. P. Nigam—*Nobility under the Sultans of Delhi*, Delhi, 1968.
8. Tara Chaud—*Society and State in the Mughal Period*, New Delhi, 1961.
9. Ibn Hasan—*The Central Structure of the Mughal Empire*, Reprint, 1970. Relevant Chapters.

10. M. Athar Ali—*The Mughal Nobility under Aurangzeb*, (Chapter I, II, and III), Bombay, 1965.
11. K. A. Nizami—*Religion and Politics in India during the 13th Century*. (Relevant Chapters), Aligarh, 1961.
12. Satish Chandra—*Parties and Politics at the Mughal Court, 1707—1740* AMU, 1959, (Introduction only).

Books for Reference

Sources

1. Ziauddin Barni *Fatawa-i-Jahandari*, (Eng. tr.) M. Habib and Afsar Khan entitled *The Political Theory of the Delhi Sultanate*, Kitab Mahl, Allahabad, (n.d.).
2. Abul Fazl—*Ain-i- Akbari*, (Eng. Tr.) Blochmann, Vol. I; and Jarret Vols. II and III, Calcutta, 1949.
3. Mir Khand—*Qanun-i-iHumayuni* (Eng. tr.).
4. Minhaj Siraj—*Tabaqat-i-Nasiri* (Eng. tr.) Raverty.
5. *Ruqqat Alamgiri* (Eng. tr.) Billimori.
6. Elliot and Dawson—Vol. II and III—relevant portions only—Hindi tr. by S. A. A. Rizvi.
7. Shahnawaz Khan—*The Ma'asirul Umara* (Eng. tr.) H. Beveridge, Calcutta, 1911-14.

Books

1. A. S. Altekar—*State and Government in Ancient India* (Text, Trans. and noted).
2. K. P. Kangle—*Kautilya Arthasastra*, Bombay, 1960-69.
3. J. W. Spellman—*Political Theory of Ancient India*, Oxford, 1964.
4. P. V. Kane—*History of Dharmasastra*, Poona, Bhandarkar Oriental Research Institute, 1930—1968 (Relevant volumes).
5. I. Habib—*The Agrarian System of Mughal India*, Bombay, 1963.
6. L. F. Rushbrook Williams—*An Empire Builder of the Sixteenth Century*, Reprint, (Introduction).
7. M. Mujeeb—*The Indian Muslims*, London, 1967, (Relevant Chapters only).

8. I. A. Khan—*The Political Biography of a Mughal Noble* (Introduction and Chapter II only).
9. E. I. J. Rosenthal—*Political Thought in Medieval Islam* (Reprint). Cambridge, 1962.

Articles

1. I. A. Khan—"The Turko-Mongol Theory of Kingship," *Medieval India—A Miscellany*, Vol. II.
2. I. A. Khan—"The formation of the Mughal Ruling Class—A Case Study." *P.I.H.C.*, 1966.
3. S. Nurul Hasan—"Relations of Early Mughal Rulers with Their Nobility," *P.I.H.C.*, 1964.
4. Satish Chandra—"Raja Jai Singh Swai's Contribution to Imperial Policy," *P.I.H.C.*, 1948.
5. Athar Ali—"Foundation of Akbar's Organisation of the Nobility." *Medieval India Quarterly*, Vol. I. 1968.
6. Athar Ali—"The Mughal Empire in History," *P.I.H.C.*, 1972.
7. Mansoor Haider—"The Sovereign in the Timurid State," *P.I.H.C.*, 1974.
8. Percival Spear—"The Mughal Mansabdar System," *Elites in South Asia*, Edmund Leach and S. N. Mukherjee, Cambridge, 1970.

Or

Paper I—History of India

Option 'D'—Social and Economic History of South India (1300—1600)

1. Sources : Inscriptions, Coins, Chronicles, Traveller's Accounts.
2. Physical Features and Natural Resources.
3. Hindu Social Organisations—Family, Marriage, Position of Women—Caste—Untouchability—Slavery.
4. Education—*Mathas, Brahmapuris, Agraharas, Madrasas*, Centre of Learning.
5. Interaction of Islamic and Hindu ideas—Bakti movement, Sufis, Alwars, Nayanars ; Temple Organization—*Devadasi*.
6. Impact of Foreigners of South Indian Society and Economy—Arabs and Portuguese.

7. Agriculture—Irrigation—Land Tenure—Revenue System.
8. Trade and Commerce—Trade Routes by Land and by Seaports—Shipping—Transport and Communication—Artisans and Craftsmen Guilds—Coinage—Banking—Village Community and Urban Life.
9. Industry—mining and metallurgy, textiles, speeces, precious stones.
10. State Control and Economic Regulations—Revenue and Finance—Sources of income and expenditure of the State—Taxation.
11. Legacy of South India.

Books for Study

1. T. V. Mahalingam—Administration of Social Life under Vijayanagara (Madras 1939).
2. H. K. Sherwain and P. M. Joshi, (Ed.)—*History of Mediaeval Deccan*, 2 Vols.
3. K. A. N. Sastri—*South Indian Influence in the Far East*.
4. N. Venkatarmanayya—“Ma’bar from 1311 to 1323 A.D.”—*Journal of Oriental Research XII* (1938), pp. 136 ff.
5. N. Venkatarmanayya—“Ma’bar from 1323—1371 A.D.” *Journal of Madras University XI* (1939), pp. 41-65.
6. S. A. Q. Hussaini—The History of Madura Sultanate, *Journal of the Pakistan Asiatic Society II* (1957) pp. 90—130.
7. H. A. R. Gibb—*The Travels of Ibn Buttuta*, Vol. I, (Cambridge 1958).
8. Fernao Muniz—*Chronicle of Fornac Nuniz*, Translation by R. Sewell : *The Forgotten Empire*, pp. 291—395.
9. K. A. N. Sastri—*A History of South India from Prehistoric Times to the Fall of Vijayanagar* (Oxford 1955)
10. S. H. Rao—Hindu Religious Movement in Medieval Deccan : *Journal of Indian History*, XV pp. 103-113.
11. T. V. Mahalingam—Buddhism in Tamil Country in the Medieval Period, *Proceedings of the Indian History Congress*, XI. pp. 162—164.
12. M. S. Subramania Pillai—*Tamil Literature*, (Tinnevely 1929).
13. S. K. Ayyangar—*Sources of Vijayanagr History*, (Madras, 1919).
14. H. Hernes—*Beginnings of Vijayanagar History*, (Bombay 1934).
15. H. Goetz—The Fall of Vijayanagara and Nationalisation of Muslim Art. *Journal of Indian History*, XIX, 249—55.

16. H. Goetz—The Jesuit Influence in the Court of Vijayanagar, *Quarterly Journal of the Mythic Society*, XIV, pp. 130—140.
17. T. V. Mahalingam—Two Centuries of Madura (1334—1530), *Proceedings of the Indian History Congress*, 1945, pp. 196—205.
18. G. V. Rao—The Status of Muslims in Vijayanagar Empire, *Proceedings of the Indian History Congress*, VII pp. 251—56.
19. G. V. Rao—Education in Vijayangara Empire, *Proceedings of the History Congress VI*, pp. 218—22.
20. T. A. Rao—Andhra Literature in the Vijayanagar Empire—*Journal of the Andhra Historical Research Society*, X.
21. S. K. Aiyangar—*South India and Her Muhammedan Invaders*, (Madras 1921).
22. K. A. N. Sastri—*The Pandyan Kingdom*. (London, 1929).
23. K. A. N. Sastri—*Foreign Notices of South India*, (Madras, 1939).
24. K. A. N. Sastri—*History of South India*, (Madras, 1953).
25. E. Hultzsch—The Coinage of the Sultans of Madura—*Journal of the Royal Asiatic Society* 1909, pp. 667-83.
26. V. Yasodadevi—The History of Andhra Country (1000 A.D.—1500 A.D.) Subsidiary Dynasties, *Journal of the Andhra Historical Research Society*, XXX (1956-58) pp. 37—80.
27. G. Yazdani (Ed.)—*The Early History of the Deccan*, (Oxford 1960).
28. V. Kanakasabhai Pillai—*The Tamil Eighteen Hundred Years Ago*, (Madras, 1904).
29. K. A. Nilakanti Sastri—*A History of South India*, (Madras, 1976).
30. B. V. Krishna Rao—*Early Dynasties of the Andhra Desha*, (1942).
31. K. A. N. Sastri (Ed.)—*Comprehensive History of India*, (Vol. II).

Books for Reference

1. K. A. Nilakanta Sastri (ed.)—*A Comprehensive History of India*.
2. P. L. Gupta—*Roman Coins from Andhra Pradesh* (Hyderabad, 1965).

Or

*Paper I—History of India**(Option E)—Social, Economic, Administrative and Cultural History of the Marathas (1600—1818)*

1. Physical features of the Maratha Country : Western Maharashtra.
2. Social and Political Awakening :
 - (a) Bhakti Movement
 - (b) Influence of Sufism
 - (c) Maharashtra Dharma.
3. Foundation of *Swaraj* and the Nature of the Maratha State.
4. Evolution of the Maratha Polity :—
 - (a) Theory of Kingship
 - (b) Dualism under the Peshwas
 - (c) Maratha Confederacy.
5. Maratha Administration :—
 - (a) Civil
 - (b) Military
 - (c) Judicial.
6. Village Communities and their working.
7. Agriculture : Land Tenures ; *Watan* System.
8. Revenue Administration.
9. Industry, Trade and Commerce ; Transport and Communications.
10. Money and Banking.
11. Sources of Income—Public Expenditure.
12. State and Religion.
13. Society : Caste ; Position of Women ; Social Relations.
14. Culture : Education ; Literature, Art and Architecture.
15. Legacy of the Marathas.

Books for Study

1. Kulkarni, A. R.—*Maharashtra in the Age of Shivaji*.
2. Sarkar, J. N.—*Shivaji and His Times*.
3. Ranade, M. G.—*Rise of the Maratha Power*.

4. Sen, S. N.—*Military System of the Marathas*.
5. Sen S. N.—*Administrative System of the Marathas*.
6. G. T. Gune—*Judicial System of the Marathas*.
7. Chitnis, K. N.—*Glimpses of Medieval Indian Ideas and Institutions*.
8. Tara Chand—*Influence of Islam of Indian Culture*.
9. Ashraf K. M.—*Life and Conditions of the People of Hindusthan*, (2nd Ed., New Delhi, 1970).
10. Sinha, H. N.—*Rise of the Peshwa Power*.
11. Joshi, V. V.—*Clash of Three Empires*.
12. Sardeshi, G. S.—*New History of the Marathas*, 3 Vols.
13. Mate—*Maratha Architecture*.
14. A. G. Pawar (ed.)—*Maratha History Seminar*, Shivaji University.
15. Sardesai, G. S.—*Main Currents of Maharashtra*.
16. Setu Mahadavrao Pagdi—*Chhatrapati Shivaji*.
17. S. R. Sharma—*Marathi History Re-examined*.

Books for Reference

1. Bhave, N. K.—*Peshvekalin Maharashtra*, (Marathi).
2. Mountsbuart Elphinstone—*Report on the Territories Conquered from Peshwa*.
3. Sardesai, G. S.—*Selections from the Peshwa Daftar*, (Relevant volumes).
4. Setu Mahadevrao Pagdi—*Eighteenth Century Deccan*, Bombay, 1968.
5. Apte, B. K.—*A History of the Maratha Navy and Merchantships*, Bombay, 1873-1973.
6. Wagle, N. K. and Kulkarni, A. R.—*Parasuram—Charitam*, Popular Prakash, Bombay, 1976.
7. S. N. Joshi—*Marathekalin Samaj Darshan* (Marathi).
8. Bhave, V. L.—*Maharashtra Saraswat*, (Marathi).
9. S. N. Joshi—*Arvachin Maharashtra itihās Kalin Rajya Karbharacha, Abhyas*. I.
10. Shzrda Deshmukh—*Shivkalin ani Peshwakalin Stri Jivan*.
11. G. B. Sardar—*Poet Saints of Maharastra*.
12. R. C. Dhere—*Musolman Marathi Sant Kavi*.

13. N. K. Gadre—*Maharashtra Mahodayacha Purvarang.*
14. Kulkarni, A. R.—*Shivkalin Maharashtra*, Shivaji Vidyapeeth, 1977.
15. Amatya Ramachandrapant—*Ajnapatra*, any edition.
16. Sabhasad Krishnaji Anant—*Shri Shivaprabhuche Charitra.*
17. Sarkar, J. N.—*Fall of the Mughals*, 4 Vols.
18. Grant Duff—*History of the Mahrattas.*
19. Kulkarni, A. R.—*Grant Duff.*
20. Setu Madhavrao Pagdi.
21. B. K. Apte. (ed.)—*Shivaji Tricentary Volume.*
22. P. B. Desai, - Felicitation Volume.

Paper II—History of India

(Option A)—Economic History of India—(1793—1947)

1. *Indian Economy on the eye of the British Rule : A General Survey.*
2. *Rural Economy.*
 - (a) Agricultural Production and Plantations.
 - (b) Land Tenure Systems : Zamindari, Rayatwari, Mawalwari.
 - (c) Rural Credit : Role of Money lenders.
 - (d) Irrigation.
 - (e) Village communities and the Rural Class Structure.
3. Famines during the 19th Century : Government Policy towards Famine.
4. Industry :
 - (a) Traditional Industry.
 - (b) Rise of Modern Industry—Indian and British Efforts.
 - (c) Government Industrial Policy.
5. Migration and Urbanization.
6. Trade, Commerce and Growth of Mercantile Capitalism :—
 - (a) Foreign Trade.
 - (b) Internal Trade : Coastal and Inland.

7. Transport and Communication :—
 - (a) Roads
 - (b) Railways
 - (c) Post and Telegraphs—Their effects on the India Economy.
8. Banking— Evolution of Modern Banking Institutions.
9. Labour :—
 - (a) Emergency of Industrial Labour.
 - (b) Labour Movements.
10. National Income—Estimates since 1858 and their analysis—per Capita Income.
11. State Economic Policies :—
 - (a) Tariffs
 - (b) Public Finance
 - (c) Currency and Exchange.

Books for Study

1. Gadgil, D. R.—*The Industrial Evolution in India in Recent Times.*
2. Singh, V. S. (ed.)—*Economic History of India.*
3. Dutt, R. C —*The Economic History of India in the Victorian Age*
4. Antsey Veera—*The Economic Development of India.*
5. Bipan Chandra—*Rise and Growth of Economic Nationalism in India.*
6. Amba Prasad—*Indian Railways.*
7. Dutt, R. P.—*India Today.*
8. Ramkrishna Mukherjee—*The Rise and Fall of the East India Company.*
9. Bader Powell—*Indian Village Communities and Land System of British India, 3 Vols.*
11. Morris, M. D.—*The Emergence of an Industrial Labour Force in India, Berkley, 1965.*
12. W. C. Neale—*Economic Change in Rural India.*
13. Bhatia, B. M.—*History of Females in India.*
14. Shah, K. T.—*Sixty Years of Indian Finance.*

Books for Reference

1. Jathar and Jathar—*Indian Economics*.
2. Sharma, G. K.—*Labour Movements in India Past and Present*.
3. Shah, N. J.—*History of India Tarriffs*.
4. Sahni, J. N.—*Indian Railway—One Hundred Years, 1853—1953*.
5. Blyn, C.—*Agricultural Trends in India*.
6. Rao, V. K. R. V.—*The National Income of British India*.
7. Giri, V. V.—*Labour Problems in Indian Industry*.
8. Sanyal, N.—*Development of Indian Railways*.
9. Malhotra, D. K.—*History and Problems of India Currency: 1835—1959*.
10. Rungta—*Rise of Business Corporations in India*.
11. Sen, S. K.—*Studies in Industrial Policy and Development in India. 1848—1926*.
12. Ray Parimal—*India's Foreign Trade since 1810*.
13. V. I. Pavlov—*The Indian Capitalist Class*, New Delhi, 1965.
14. Dharma Kumar—*Land and Caste in South India*.
15. D. H. Buchanan—*The Development of Capitalist Enterprise in India*. Reprint. London, 1966.
16. Saul, S. B.—*Studies in British Overseas Trade, 1870—1914*. Liverpool, 1960.
17. Witold Kula—*An Economic Theory of the Feudal System*. London, 1972.

Or

Paper II—History of India

(Option B)—Indian National Movement—(1858—1947)

1. *National Awakening—Western Impact and Indian Response ; Aftermath of the Revolt of 1857*.
2. *Socio-Religious Background of Indian Nationalism—Reform Movements*.
3. *Economic Aspects of Indian Nationalism :*
 - (a) Drain Theory.
 - (b) Peasant and Tribal Movements.
 - (c) Emergence of Labour Consciousness ; Trade Unionism.
 - (d) Role of Capitalists in National Movement.

4. *Origin and Growth of Institutionalised Nationalism :*
 - (a) Provincial Political Associations.
 - (b) Foundation of the Indian National Congress.
5. *Growth of Nationalism : Moderate Phase 1885—1905.*
6. *Militant Nationalism :*
 - (a) Extremist Challenge.
 - (b) Secret Societies : Revolutionaries and Terrorists.
7. *Home Rule Movement.*
8. *Rise and Growth of Communalism :*
 - (a) Indian Muslim League.
 - (b) All India Hindu Mahasabha.
9. *Mahatma Gandhi and National Movement : Satyagraha—Its Philosophy and Technique—Its application to National Movement : Non-violent Co-operation Movement and Civil Disobedience Movement.*
10. *Indian Communists Party and National Movement.*
11. *Policy of the British Government :*
 - (a) Repression and Reform (1858—1935).
 - (b) Constitutional efforts to Solve Indian Problem (1935—1947).
12. *Towards Independence :*
 - (a) Quit India Movement;
 - (b) Indian National Army ;
 - (c) Naval Mutiny of 1940.
13. *Partition and Independence.*

Books for Study

1. Seal Anil—*The Emergence of Indian Nationalism.*
2. Bipan Chandra—*The Rise and Growth of Economic Nationalism in India*, New Delhi, 1966.
3. Desai, A. R.—*Social Background of Indian Nationalism*, Bombay, 2nd Ed. 1954.

4. Dutt, R. P.—*India Today*.
5. Dutt, R. C.—*The Economic History of India*.
6. Mehrotra, S. R.—*Towards India's Freedom and Partition*, Vikas, New Delhi, 1979.
7. Roy, M. N.—*India in Transition*.
8. Ghose, Shankar—*Renaissance to Militant Nationalism*.
9. Majumdar Bimanbehari—*Militant Nationalism*.
10. Wolpert Stanley, A.—*Tilak and Gokhale*, Berkeley, 1962.
11. Ghose, Shankar—*Socialism and Communism in India*—Allied, Bombay, 1971.
12. Heimsath Charles—*Indian Nationalism and Hindu Social Reform*, Oxford, Bombay, 1964.
13. Gupta, D. C.—*Indian National Movement and Constitutional Development*, 3rd Ed. Vikas, 1970.

Books for Reference

1. Tara Chand—*History of the Freedom Movement*—4 vols.
2. McCully, B. T.—*English Education and the Origins of Indian Nationalism*.
3. Majumdar, R. C.—*History of Freedom Movement*, 4 vols.
4. Majumdar, R. C. (ed.)—*India's Struggle for Freedom*.
5. Hande, R. L.—*History of Freedom Struggle in Princely States*
6. Patwardhan Achyut and Mehta Ashok—*The Communal Triangle*.
7. Suda, J. P.—*Indian National Movement*, Meerut, Jai Prakash Nath Co. 1969.
8. Guha, A. C.—*The Story of Indian Revolution*, Bombay, Allied, 1972.
9. Jawaharlal Nehru—*Selected Works*. Vol. 1—4.
10. Singh, L. P.—*The Left Wing in India*.
11. Smith, W. C.—*Modern Islam in India*.
12. Beni Prasad,—*The Hindu Muslim Question*.

Journals to be Consulted

1. Journal of Asian Studies.
2. Journal of Concerned Asian Scholars.
3. South Asian Studies.
4. Indian Economic and Social History Review.
5. Indian Historical Review.

Paper III—

(Option A)—French Revolution and Napoleonic Era—(1789—1815)

1. Nature of Ancient Regime.
2. The Intellectual Antecedents—Age of Reason ; Philosophers.
3. Revolution—Causes and Character.
4. Role of Paris and the Revolutionary Clubs.
5. Course of the Revolution.
6. The Constitutional Experiments.
7. Peasants in the Revolution.
8. Rise of Napoleon Bonaparte.
9. The Napoleonic Wars.
10. Imperial France—Domestic and Foreign Policy.
11. European Response to Napoleon.
12. Fall of Napoleon.
13. Reconstruction of Europe—The Vienna Settlement.
14. Impact of the Revolution

Books for Study

1. Albert Soboul—*The French Revolution 1789—1799*. Vol. 1 and 2.
2. Alfred Cobban—*A History of Modern France Vol. I., Old Regime and Revolution 1715—1799*.
3. E. J. Hobsbawn—*Age of Revolution*. 1962.
4. George Lefebvre—*The French Revolution*. Vol. 1 and 2.
5. *Cambridge Modern History*. Vol. III. Cambridge 1965.
6. George Rude—*Revolutionary Europe, 1788—1815*. London, 1964.
7. George Rude—*The Crowd in the French Revolution*, Oxford, 1959.
8. J. Holland Rose—*Revolutionary France and The Napoleonic Era*.
9. J. M. Thompson—*The French Revolution*.
10. Norman Hampson—*A Social History of the French Revolution*.
11. Peter Gayle—*Napoleon for and Against*.
12. H. A. L. Fisher—*Bonaparte and Bonapartism*.
13. H. Nicholson—*The Congress of Vienna*.

Books for Reference

1. Jules, Michelet—*History of the French Revolution*.
2. Edmund Burke—*Reflections on the Revolution in France*.
3. Lord Acton—*Lectures on the French Revolution*.
4. Louis Medeline—*The French Revolution*.
5. Leo Gershoy—*The French Revolution and Napoleon*.
6. E. Ludwig—*Napoleon*.
7. George Rude—*Europe in the Eighteenth Century. Aristocracy and Bourgeois Challenge*, London, 1972.
8. Alexis De Tocqueville—*The Ancient Regime and the Revolution*.
9. George Lefebvre—*The Thermidorians*, London, 1965.
10. Crane Brinton—*A Decade of Revolution, 1789-1799*. New York, 1984.
11. R. R. Palmer—*The Age of Democratic Revolution*. 2 volumes.
12. A. Goodwin—*The French Revolution*.
13. J. M. Thompson—*Leaders of the French Revolution*.
14. Marc Bloch—*Feudal Society*.

Journals to be Consulted

1. Past and Present.
2. Journal of Social History.
3. Social History.
4. Journal of Modern History.
5. History Workshop—Journal of Socialist Historians.

Paper III—**(Option B)—Britain and the Industrial Revolution (Till 1901)**

1. Social and Economic conditions on the eve of the Industrial Revolution.
2. Origins of the Industrial Revolution.
3. The Early Phase of Industrialisation (1760—1840).
4. The Changing Conditions in Agriculture.
5. Transport and Communications.
6. The Growth of Working Class Movements.
7. Social Impact of the Industrialisation Process.
8. Political Impact of the Industrial Revolution, Reform Acts.

9. The Later Phase of Industrialisation (1840—1895).
10. Nature and Growth of British Imperialism.
11. Urbanisation and Urban Life in Victorian England.
12. Intellectual Life and Political Ideologies.

Books for Study

1. E. P. Thompson—*The Making of the English Working Class*, London, 1958.
2. E. J. Hobsbawm :—*Industry and Empire*, London, 1968.
3. G. D. H. Cole, and R. W. Postgate—*The Common People*, 1956.
4. Asa Briggs—*The Age of Improvement, 1780—1867*.
5. Asa Briggs—*Victorian Cities*.
6. Raymond Williams—*Culture and Society*, 1978—1950.
7. E. Halevy—*History of the English People in the 19th Century*, especially Vol. I and Vol. V.
8. T. S. Ashton—*The Industrial Revolution, 1760—1830*.
9. A. L. Morton—*A People's History of England*.
10. J. H. Plumb and D. Thompson—*The Pelican History of England*, Vol. 1, 2, 3.
11. Henderson—*The Industrial Revolution on the Continent*.

Books for Reference

1. Dorothy Thompson—*The Early Chartists*.
2. E. J. Hobsbawm : *Labouring Men*.
3. E. J. Hobsbawm and George Rude—*Captain Swing*.
4. D. S. Landes—*The Unbound Prometheus*.
5. D. C. March—*The Changing Social Structure of England and Wales, 1871—1951*. (1958).
6. Gareth Stedman Jones—*Outcast London*.
7. Kellow Chesney—*Victorian London*.
8. John Foster—*Class Struggle and the Industrial Revolution (Early Industrial Capitalism in Three English towns)* London, 1974.
9. Charles Dickens—*Hard Times*.
10. R. N. Salaman—*The History and Social Influence of the Potato*. 1949.
11. Peter Laslett—*The World We Have Lost*. 1965.
12. S. G. Checkland—*The Rise of Industrial Society in England 1815—1885*.

Journals to be Consulted

1. Past and Present.
2. Journal of Economic History.
3. Journal of Social History.
4. Social History.
5. History Workshop.

Or

Paper III—

(Option C)—Contemporary Europe—(1939—1965)

1. Origins of the Second World War.
2. Role of Europe in the U.N.O.
3. Post-war Reconstruction of Europe :—
 - (a) Western Europe and the U.S.A.
 - (b) Eastern Europe and the U.S.S.R.
4. East West (Europe) Confrontation—Formation of NATO and WAR-SAW Alliances.
5. Collapse of European Imperialism.
6. Evolution of E.E.C. and COMECON.
7. Economic Progress made by :—
 - (a) Western Europe,
 - (b) Eastern Europe.
8. Emergence of the U.S.S.R. as a World Power.
9. France under Charles De Gaulle.
10. Emergence of West Germany (Federal Republic of Germany) as an Economic Power.
11. Divided Germany.
12. Contemporary European Intellectual Thought and Art Forms.
13. Growth of Science and Technology in Europe.
14. Euro-Communism.

Books for Study

1. Bennis and Seldon—*Europe 1939 to the present*, Appleton Century Crofts. Division of Meredith Publishing Co., New York, 1965.
2. A. J. P. Taylor—*The Origins of the Second World War*, Penguin Books in Association with Hamish, Hamilton, Australia, 1964.
3. Seton Watson Hugh—*From Lenin to Krushchev—The History of the World Communism*, New York, 1960.
4. Lucas, J. A.—*The Great Powers and Eastern Europe*, New York, 1958.

5. Walter Laqueur—*Europe since Hitler*, London, 1970.
6. Frederick Heer—*The Intellectual History of Europe*, London, 1966.
7. Wolfgang Abendroth—*A Short History of the European Working Class* : Montly Review Press, New York and London, 1972.
8. Carlo Gpolla (Ed.)—*The Fontana Economic History of Europe*. London, 1972.
9. Ralf Dahrendorf—*Society and Democracy in Germany* (New York., 1967).
10. Barrington Moore Jr.—*Soviet Politics*.
11. Alfred Cobban—*A History of Modern France*, Vol. 3—1871—1962.
12. Raymond Avon—*France : Constant and Changing*, 1960.
13. John Ardagh—*The New French Revolution*, (1968).
14. Serge Hughese—*The Rise and Fall of Modern Italy*, (1967).
15. W. O. Henderson—*The Genesis of the Common Market*, (1962).
16. Paul Seabury—*The Rise and Decline of the Cold War*, (1967).

Books for Reference

1. Barrington Moore Jr.—*Injustice : The Social bases of Obedience and Revolt*.
2. Theodore Zeldin—*France 1848—1945*.
3. Mack Smith—*Italy : A Modern History*. (Michigan, 1959).
4. William Shiver—*Rise and Fall of Third Reich*, Pam Books : Ltd., London, 1965.
5. Carr, E. H.—*Socialism in One Country*, Vols. I—III, New York, 1958.
6. Deutscher, I—*Stalin : A Political Biography*, London, 1956.
7. Hammond Thomas, T.—*Soviet Foreign Relations and World Communism*, Princeton, 1965.
8. *Memoirs of Charles De Gaulle*, London, 1955.
9. Macartney, C. A.—*Independent Eastern Europe*, London, Macmillan, 1962.
10. Will F. Roy—*France, Germany and Europe, 1945-63*.
11. Leonard—*The Kremlin Since Stalin*, U.S.A., 1962.
12. Fleming, D. F.—*The Cold War and its origins, 1917—1960*, 2 Vols., 1961.

13. Aron Raymond—*The Century of Total War*, 1955.
14. Roberts, H. L.—*Russia and America*, 1956.
15. Holborn Heyo—*The Political Collapse of Europe*, 1951.
16. *The Complete War Memories of Charles de Gaulle*, (1964).

Or

Paper III—

(Option D)—Commonwealth in the 20th Century 1900—1970

1. Colonial and Imperial Conferences—1887—1911.
2. The Concept of “Imperial Federation” and its failure.
3. The Commonwealth of Australian Constitution Act, 1900.
4. Evolution of the Dominions of South Africa and New Zealand.
5. Ireland—The Dominion Settlement.
6. The Commonwealth’s role in the First World War and in the Peace making at Paris.
7. The Period of Tentative Centralization and the Pursuit of a Common Foreign Policy (1920—1922).
8. The period of decentralization—the British Commonwealth and the Conduct of Foreign Policy and the transition to a Decentralised Commonwealth (1922—1926) :
 - (a) Egypt and the Canal—1920-1930 ;
 - (b) The Chanak Incident 1922 ;
 - (c) Treaty of Lausanne, 1923 ;
 - (d) Treaty of Locarno, 1925.
9. Imperial Conference of 1926 and the Belfour Declaration ; Conference on Dominion Legislation, 1929.
10. India and the Commonwealth (1900—1929).
11. Imperial Conference on 1920 and the Statute of Westminster, 1931.
12. Abdication of Edward VIII (1936) and Dominion Reaction.
13. The Dominions and the policy of appeasement during the Second World War.
14. Burmese and Irish Republican Succession.
15. Significance of the Names :
 - (a) Empire ;
 - (b) The British Commonwealth and
 - (c) Commonwealth of Nations.

16. India and the Commonwealth, 1929—1950 with special reference to the Declaration of London April, 27, 1949—Indian Republican Accession.
17. Post-War Transformation of the Commonwealth.
18. Evolution of the Multiracial Commonwealth.
19. Machinery of Consultation and Co-operation in the Commonwealth.
20. The Commonwealth in World Affairs.

Books for Study

1. R. M. Dawson—*The Development of Dominion Status*.
2. S. P. Aiyar—*The Commonwealth in South Asia*.
3. P. Gordon Walker—*The Commonwealth*.
4. N. Mansergh—*The Commonwealth Experience*.
5. J. D. B. Miller—*The Commonwealth in the World*.
6. S. R. Melhotra—*Indian and the Commonwealth, 1885—1929*.
7. Duncan Hall—*The British Commonwealth of Nations*.
8. Lord Beaverbrook—*The Abdication of Edward VIII*.
9. H. E. Egerton—*Federations and Unions in the British Empire*.
10. H. J. Harvey—*Consultation and Co-operation in the Commonwealth*.
11. M. S. Rajain—*Post-War Transformation of the Commonwealth*.

Books for Reference

1. R. Coupland—*The Durham Report*.
2. Gen Martin—*The Durham Report*.
3. *The Cambridge History of the British Empire* (Relevant Volumes).
4. A. B. Keith—*Responsible Government in the Dominions*—3 Vols.
5. R. Coupland—*The Constitutional Problem in India*.
6. A. B. Keith—*Speeches and Documents on British Dominions 1917—1931*, 2 Vols.
7. W. K. Hancock—*Survey of British Commonwealth Affairs*, 2 Vols.
8. N. Mansergh—*Survey of British Commonwealth Affairs (1931—1939)—Problems of External Policy*.
9. N. Mansergh—*Survey of British Commonwealth Affairs; Problems of Wartime Co-operation and Post-war Change, (1939—52)*.
10. T. B. D. Miller—*Survey of Commonwealth Affairs (1952—1965)*.
11. N. Mansergh—*The Irish Question*.
12. H. V. Dodson—*The Great Divide*.

13. A. R. M. Lower : *Canada Colony to Nation*.
14. M. Barnard—*A History of Australia*.
15. A. Hpple—*South Africa—A Political and Economic History*.
16. H. Tonker—*Experiment with Freedom India and Pakistan*.
17. D. G. E. Hall—*Burma*.
18. C. Jeffries—*Ceylons : The Path to Independence*.
19. H. Miller—*New Zealand*.
20. K. C. Wheare—*The Constitutional Structure of the Commonwealth*.

Paper IV—

(Option 'A')—History of U.S.A.—(1913—1974)

1. Wilson and the New Freedom.
2. United State—The First World War and the Peace Conference.
3. U.S.A. and the League of Nations.
4. U.S.A. in World Politics, 1921-33.
5. A Decade of Republican Prosperity.
6. The Great Depression.
7. The New Deal.
8. The Foreign Policy of F. D. Roosevelt.
9. Truman Administration—Domestic Issue.
10. Foreign Policy of Truman—the origin of the cold war.
11. The Presidency of Eisenhower—domestic administration.
12. The Foreign Policy of Eisenhower—the intensification of the Cold War.
13. The Kennedy Years.
14. Domestic Policy of Johnson.
15. Johnson in World affairs with special reference to Vietnam.
16. The Presidency of Nixon—Domestic issue, foreign Policy.
17. Post Second World War Economy—Industry, Agriculture, Commerce Economic Aid.
18. The Problems of the Blacks in America.
19. Society and Culture—Science and Technology.

Books for Study

1. S. E. Morison—*The Oxford History of the American People*, New York, OUP, 1965.
2. T. A. Bailey—*A Diplomatic History of the American People*, New York, Appleton Century, 1955.

3. O. T. Barack and N. M. Blake,—*Since 1900 : A History of the United States in Our* New York, 1947, 1965.
4. Foster, R. Rulles—*American's Rise to World Power*, London, Hamish Hamilton, 1955.
5. W. E. Morison and H. S. Commager—*The Growth of the American Republic*, Vol. II, 5th ed. New York, OUP, 1950.
6. Perkins Dexter and Glyndon, G. Van Deusen—*The United States of America*, New York, Macmillan, 1968.
7. *America's Economic History*, Faulkner.
8. *America in the 20th Century*—Frank Freidal.

Books for Reference

1. A. M. Schlesinger—*The Age of Roosevelt*, 3 Vols. London, Heinemann, 1961.
2. N. M. Blake—*History of American Life and Thought*, McColay Hill Book Co., New York, 1952.
3. W. W. Rostow—*The United States in the World Arena*, New York, Harper, 1960.
4. Russel Robert—*A History of the American Economic System*.
5. Cochran & Miller—*The Age of Enterprise*.
6. Galbraith—*The Great Gresh*.
7. Da'Corde—*A History of American Foreign Policy*.

Or

Paper IV—

(Option 'B')—History of China 1838—1970

1. Conditions in China in the mid Nineteenth Century.
2. The Opening of China and the Treaty System.
3. Revolts and Rebellions 1850—1901 ; Taiping, Nien and Boxer.
4. The Sino-Japanese War ; Scramble for Concessions ; and the Open Door Policy.
5. Nationalism in China—Reform and Revolution.
6. Sun Yat-Sen—Chinese Nationalism and The First Chinese Republic 1912—1928.
7. Chiang Kai Shek and the Kuomintang Regime 1928—1949.
8. Rise and Growth of Communism in China.
9. Sino-Japanese Relations 1929—1945.
10. Civil War in China.
11. Communist China—A Socialist Experiment.

12. Communist China—Foreign Policy.
13. Mao Tse Tung and the Cultural Revolution.

Books for Study

1. C. R. Hensman—*Sun Yat Sen*.
2. C. P. Fitzgerald—*The Birth of Communist China*.
3. Vinacke—*The Far East in Modern Time*.
4. F. H. Micheal and G. E. Taylor—*The Far East in Modern Time*.
5. Edgar Snow—*Red Star over China*.
6. Edgar Snow—*Red China Today*.
7. Edgar Snow—*China's Long Revolution*.
8. Dick Wilson—*The Long March*.
9. Jack Belden—*China Shake the World*.
10. Benjamin Schwartz—*Chinese Communism and the Rise of Mao*.
11. Ed. Schurmann and O. Schell—*Penguin series on China* 3 volumes. (Republican China Communist China).
12. Stuart Schram—*Mao Tse Tung*. 1967.
13. Charles Bettelheim—*Cultural Revolution and Industrial Organisation in China*.

Books for Reference

1. Marcel Granet—*The Religion of the Chinese People*.
2. Leon Trotsky—*Problem of Chinese Revolution*, New York, 1982.
3. Ed. M. J. Coye and J. Livingstone—*ZChina Yesterday and Today*.
4. Kenneth Latourette—*The Chinese, their History and Culture*.
5. Teodore Shanin—*Peasants and Peasant Societies*.
6. Joseph Needham—*Within the Four Seas*.
7. M. N. Roy—*Revolution in China*.
8. Marice Meisher—*Li-ta-Chao and the Origins of Chinese Marxism*. Cambridge, 1967.
9. R. H. Tawney—*Land and Labour in China*. New York, 1964.
10. *Cambridge Modern History of China*.
11. Israel Ipstein—*The Unfinished Revolution*.
12. E. L. Wheelwright and Bruce McFarlance—*The Chinese road to Socialism Economics of the Cultural Revolution*.
13. Simon Leys—*Chinese Shadows*.
14. Jan Mydral—*China, The Revolution Continued*.

Or

Paper IV—

(Option 'C')—History of Japan 1853—1970

1. Japan in the mid 19th Century.
2. Japan's response to the West.
3. Japanese Nationalism.
4. The Meiji Restoration and the Modernisation of Japan.
5. Emergence of Japan as a World Power—1894-1922.
6. Constitutional Experiments 1890—1911.
7. Political parties and the working of Parliamentary Democracy in Japan 1918—1931.
8. Economic Developments and Nature of Japanese Capitalism.
9. Rise of Militarism and its consequences.
10. Japan and the World War II.
11. Surrender and Occupation 1945-52.
12. Post War Japanese Economy.
13. Post War Japanese Society.
14. Political Developments and Foreign Policy.

Books for Study

1. Richard Storrey—*A History of Modern Japan.*
2. William Lockwood—*The Economic Development of Japan.*
3. E. Honjo—*Social and Economic History of Japan.*
4. Delmar Brown—*Nationalism in Japan.*
5. Norman—*Emergence of Japan as a Modern State.*
6. *The Japan Reader* (Penguin Series) Vol. 1 and 2 Ed. Oldfather *et. al.*
7. W. G. Baseley—*Modern History of Japan*
8. G. M. Beckman—*Modernisation of China and Japan.*
9. S. H. Micheal and G. E. Taylor—*The Far East in Modern Times.*
10. C. Yanga—*Japan since Perry.*
11. H. Borton—*Japan's Modern Century.*
12. Jon Halliday and Mac Cormack—*Japanese Imperialism Today.*

Books for Reference

1. Jon Halliday—*The Emergence of Japanese Capitalism.*
2. Barrington Moore Jr.—*Social Origins of Dictatorships and Democracy.*
3. Mauryama Masao—*Thought and Behaviour in Modern Japanese Politics Oxford, 1963.*

4. George Sanson—*The Western World and Japan*, New York, 1950.
5. Kenneth Colegrove—*Militarism in Japan*. Boston, 1936.
6. Robert Bellah—*Tokugawa Religion: The Values of Pre-Industrial Japan*. Glencoe, 1957.
7. Richard Beadsley *et. al*—*Village Japan*. Chicago, 1959.
8. Robert Scaldino—*Democracy and Party Movement in Pre-War Japan*.
9. E. O. Reischauer and A.M. Craig—*East Asia, The Modern Transformation*, 1977.
10. E. O. Reischauer—*The Japanese*, 1977.
11. Latourette—*The History of Japan*. 1957.

Group II

Paper V—Theories of History

1. History—Its meaning ; subject-matter ; importance.
2. Theological Concepts of History ; Great Man theory.
3. Secular Concept of History : Ibn Khaldun ; Vico.
4. Empericism and Empiricist School : Ranke ; Acton.
5. Idealist School : Hegel, Croce ; Collingwood.
6. Historical Materialism : Marx and Hegel.

Books for Study

1. E. H. Carr—*What is History*, London, Macmillan, 1961.
2. Patrick Gardiner, *Theories of History*, Glencoe, The Free Press, 1959.
3. A. Marwick—*Nature of History*, London, 1980.
4. George Novack—*Understanding History*, New York, 1974.
5. Ranke—*History of the Roman and German Peoples, 1494-1614*.
6. Acton—*Lectures on the Study of History* 1895. New York, 1961.
7. Lionel Kochan—*Acton on History*, New York, 1954.
8. Hegel—*The Philosophy of History*, New York, 1956.
9. B. Croce—*History—Its theory and Practice*, London, 1921.
10. R. G. Collingwood—*The Idea of History*, Oxford, The Clarendon Press, 1946.

11. Maurice Cornforth—*Historical Materialism*. Calcutta, 1954.
12. G. P. Gooch—*History and Historians in the 19th Century*. London, 1952.
13. G. Vico—*New Science*, Book I. Ithaca, 1968.
14. *Selected Works of Marx and Engels*.
15. Ibn Khaldun—*Muqaddimah* (Eng. Tr), London, 1958.
16. Alan Donagan and Barbara Donagan—*Philosophy of History*, New York, Macmillan, 1965.

Books for Reference

1. Grace E. Cairns—*Philosophies of History*, New York, Philosophical Library, 1962.
2. W. H. Walsh—*Introduction to Philosophy of History*, Atlantic Highlands, N. J. 1976.
3. Marcy—*Sense of History*.
4. Peter Beyl—*Debate with Historians*, New York, 1958.
5. A. G. Widgery—*Interpretations of History* : London, Allen and Unwin, 1961.
6. R. Aron—*Introduction to the Philosophy of History*, London : Weidenfied and Nicolson, 1948 and 1961.
7. J. Burckhardt—*Reflections on History*, London, 1943.

Paper V—*Practice of History*

1. History : Meaning ; Subject-matter ; importance.
2. Historical Method : Scope and Uses.
3. Auxiliary Sciences.
4. Sources of History and Classification.
5. Historical facts.
6. Logical Processes in History.
7. Interpretation, Explanation and Evaluation.
8. Objectivity in History.
9. Writing Historical Works :
 - (a) Selection of theme.
 - (b) Collection of data.

- (c) Historical Criticism : Authenticity and credibility.
 - (d) Synthesis and Exposition.
 - (e) Indicating sources : Foot-notes ; Bibliography.
10. Rewriting History.

Books for Study

1. E. H. Carr—*What is History ?* London, Macmillan, 1961.
2. G. J. Garraghan—*A Guide to Historical Method*, New York, Fordham University Press, 1957.
3. G. R. Elton—*Practice of History*, London, Sydney University Press, 1967.
4. G. J. Reiner—*History, Its Purpose and Method*, London, George Allan and Unwin Ltd., 1950.
5. Marc Bloch—*The Historian's Craft*, Manchester University Press, 1954.
6. John C. B. Webster—*An Introduction to History*, Delhi : The Macmillan Company, 1977.
7. Luis Gottschalk—*Understanding History*, Alfred A. Knoff, 1950.
8. Kitson Clark—*The Critical Historian*, London, Heinemann, 1967.
9. Allen Nevins—*The Gateway to History*, Bombay : Vora and Co., 1968.
10. Gordon Child—*What Happened in History*.
11. F. Stron (ed.)—*The Varieties of History*, World Publishing Co. New York, 1968.
12. M. M. Postan—*Facts and Relavance : Essays in Historical Method*, Cambridge University Press, 1971.

Books for Reference

1. H. P. R. Finberg (ed)—*Approaches to History*, London Routledge and Kegan 1968 (Indian Reprint).
2. H. C. Hockett—*The Critical Method in Historical Research*, New York, Macmillan, 1955.
3. C. H. Williams—*The Modern Historian*.
4. Joseph R. Strayer—*The Interpretation of History*, Princeton University Press, 1943.

5. Anderson Durston, Poole—*Thesis and Assignment Writing*, New Delhi, 1971.
6. Omen C.—*On the Writing of History*.
7. Rushbrook Williams—*Four Lectures on the Handling of Historical Material*.
8. Crump—*History and Historical Research*.
9. Berry, R.—*How to Write a Research Paper*.
10. Turabian K. L.—*A Manual for Writers of Term Paper, Thesis and Dissertations*, Chicago.
11. S. P. Sen (ed)—*Historians and Historiography in India*, Calcutta, Institute of Historical Studies, 1973.
12. C. H. Phillips—*Historians of India, Pakistan and Ceylon*, London, Oxford University Press, 1967, (Reprint).
13. P. Abrams—"The Sense of the Past and Origins of Sociology", *Past and Present*, Vol. 55 (May 1972) pp. 18-32.
14. V. G. Childe—"The Past, the Present and the Future"—*Past and Present*, Vol. X.
15. E. T. Hobsbawn—"The Social Function of the Past": Some Questions"—*Past and Present*, Vol. 55, (May 1972) pp. 3-17.
16. Keith Thomas—"History and Anthropology"—*Past and Present*, Vol. 24.
17. John Morris—"Archaeology, History and Science" *Past and Present* Vol. 19.
18. S. Pollard—"Economic History: A Science of Society", *Past and Present*, Vol. II.

Paper VI—*History of Modern Maharashtra*—(A Study in Regional History)
1818-1920

1. *Maharashtra on the Eve of the British Conquest* : Political, Economic, Social and Cultural Life—a survey.
2. British Administration : Work on Mountstuart Elphinstone.
8. *New Influences* :
 - (a) Introduction of Western Education.
 - (b) Christian Missionaries.
 - (c) Printing and Press.

- (d) Law and Administration.
 - (e) Transport and Communications.
4. *Origin and Growth of Liberalism :*
- (a) Balshastri Jambhekar.
 - (b) Dadoba Pandurang.
 - (c) Lokhitwadi Gopal Hari Deshmukh.
 - (d) Dadabhai Naoroji and Students' Literary and Scientific Society.
5. *Socio-Religious Reform Movements :*
- (a) Paramhansa Sabha.
 - (b) Prarthana Samaj.
6. *Social Reform :*
- (a) Status of Women.
 - (b) The Depressed Classes :
 - (i) Jyotiba Phule and Satyashodhak Samaj.
 - (ii) M. G. Ranade and Indian National Social Conference.
 - (iii) G. G. Agarkar.
 - (iv) Vithal Ramji Shinde and Depressed Classes Mission.
 - (v) Rajarshi Shahu Maharaj.
7. *Revivalism :*
- (a) Vishnubava Brahmachari.
 - (b) Vishnushastri Chiplunkar.
 - (c) The Arya Samaj.
 - (d) The Theosophical Society.
8. *Economy :*
- (a) Land Tenures and Revenue.
 - (b) Trade and Commerce.
 - (c) Industry.

9. *Resistance and Insurrection :*

- (a) Ramoshi, Koli, other early Risings.
- (b) 1857 in Maharashtra.
- (c) Rebellion of Vasudev Balwant Phadke.
- (d) Peasant Unrest.

10. *Evolution of Social, Political and Economic Ideas and Organisations :*

- (a) The Bombay Association (1852).
- (b) Poona Sarvajnik Sabha (1870).
- (c) Indian National Congress and Maharashtra.
- (d) Servants of Indian Society.
- (e) The Home Rule League (1915).

11. *Growth of Nationalism :*

- (a) Moderates.
- (b) Extremists.
- (c) Revolutionaries and Terrorists.

12. *Intellectual and Cultural Renaissance :*

- (a) Education and Literature.
- (b) Press
- (c) Indology
- (d) Historical Research
- (e) Fine Arts.

Books Recommended for Study

1. Ballhatchet, K.—*Social Policy and Social Change in Western India. 1817-1880*, London, Oxford University Press, 1959.
2. Kumar Ravinder—*Western India in the Nineteenth Century*, London Routledge and Kegan Paul, 1968.
3. Liderle, M. R.—*Philosophical Trends in Modern Maharashtra*, Bombay, Popular Prakashan, 1976.
4. Masselos, J. C.—*Towards Nationalism*, Bombay, Popular Prakashan, 1974.

5. Onvent Gain—*Cultural Revolt in Colonial Society : a Non-Brahmin Movement in Western India*, Bombay, S.S.E.T., 1976.
6. Tucker Richard—*Ranade and the Roots of Indian Nationalism*, Popular Prakashan, 1977.
7. Christine Dobbin, *Urban Leadership in Western India : Politics and Communities in Bombay City 1840-1875*.
8. Heimsath Charles—*Indian Nationalism and Hindu Social Reform*, Bombay, Oxford University Press, 1964.
9. Phadke, Y. D.—*Social Reformers of Maharashtra*, New Delhi, Maharashtra Information Centre, 1975.
10. Phatak N. R., Joshi Laxman Shastri, Pradhan G. P.—*Rationalists of Maharashtra*, Indian Renaissance Institute, 1962.
11. Walpert, S. A.—*Tilak and Gokhale Revolution and Reform in Making of Modern India*, University of California Press, 1962.
12. B. R. Nanda—*Gokhale*.
13. Desai A. R.—*Social Background of Indian Nationalism*.
14. Ambedkar, B. R.—*The Untouchables who were they and why they Became Untouchables*.
15. Jagirdar, P. J.—*Studies in Social Thought of M. G. Ranade*.
16. Natrajan, S.—*Century of Social Reform*, 2nd Ed. Bombay, Asia Publishing House.
17. Dhananjay Keer—*Mahatma Jyotirao Phule*.
18. Kshire—*Lokhitwadi Gopal Hari Deshmukh*.
19. A. R. Desai (ed.) *Rural Sociology in India*, Bombay, 1978.
20. A. R. Desai—*Peasants Movement in India*, Bombay, 1979.

Marathi

1. Walimbi, V. S.—*Ekonisavya Shatakatil Maharashtrachi Samajik Punarghatna*.
2. Javdikar, S. D.—*Adhunik Bharat*, 2nd Ed. Pune, 1953.
3. Padhye, P. and Tikekar, S. R.—*Ajkalcha Maharashtra*, Bombay, 1935.
4. Pandit Nalini—*Maharashtratil Aashtravadacha Vikas*, 1972.

Books for Reference

1. Ranade, M. G.—*Religious and Social Reform*; A Collection of Essays and Speeches (Compiled by B. M. Kolaskar), Bombay 1902.
2. Farkuhar, J. N.—*Modern Religious Movements in India*.
3. McCully, B. J.—*English Education and the Origins of Indian Nationalism*, 1966 (Reprint).
4. Buch, M. A.—*Rise and Growth of Indian Liberalism*, Baroda, 1938.
5. Ranade, M. G.—*The Miscellaneous Writings of M. G. Ranade*, Bombay, 1915.
6. Tilak Bal Gangadhar—*His Writings and Speeches* (with an introduction by Aurobindo Ghose) Ganesh and Co., Madras.n.d.
7. Gidumal Dayaram—*The Life of Behraniija Malbari*, 1818.
8. Dyer Helen, S. P. Pandita Ramabai—*Her Vision, Her Mission and Triumph of Faith*.
9. Majumdar R. C.—*British Paramountcy and Indian Renaissance Part II Vol. X*, Bombay, Bhavans, 1965.
10. Masani, R. P.—*Dadabhai Naoroji*, Delhi Publications' Division, 1960.
11. Motivala, B. N.—*Karsandas Mulji—A Short Sketch of a Great Social Servant*.
12. Bhandarkar, R. G.—*Collected Works of Sir R. G. Bhandarkar*.
13. Chandavarkar, N. G.—*The Speeches and Writings of Sir Narayan Chandavarkar*.
14. Mandlik, V. M.—*Writings and Speeches of the Late Honourable Rao Saheb Vishwanath Narayan Mandlik*, S. I. (Ed.) Narayan V. Mandlik, Bombay, 1896.
15. Chintamani, C. Y.—*Indian Social Reform*.
16. *Gazetters of Bombay Presidency (Relevant Vols. only)*.

Marathi

1. Sardar, G. B.—*Maharashtra Jivan* 2 Vols. Pune, 1960.
2. Agarkar, G. G.—*Agarkar Lekha Sangraha* (ed. G. P. Pradhan)
3. Chiplunkar, V. K.—*Nibandhamala*, Pune, 1917.
4. Deshmukh, G. H.—*Lokhitwadikrit Nibandh Sangraha* (ed. A. K. Priolkar)

5. A. K. Priolkar—Dadoba Pandurang.
6. Phule, J. G.—Mahatma Phule Samagra Vangmaya (ed. Dhananjay Keer and S. G. Mhalse), Bombay, 1969.
7. Shinde, V. R.—*Majhya Athanani Ani Anubhav*.
8. Kulkarni Bhimrao—*Asmita Maharashtrachi*, Bombay.
9. Kelkar, N. G.—*Lokmanya Tilak Yanche Charitra*, Pune, 1923-27.
10. Phatak, N. R.—Nyayamurti Mahadev Govind Ranade Yanche Charitra, Pune, 1966.
11. Phatak, N. R. Bharat Sevak Namdar Gokhale.
12. Phatak, N. R.—Lokmanya Tilak.
13. Deshpande, N.—Adhunik Marathi Vangmaya Itihasa, Pune, 1958.
14. Jog, R. S.—Marathi Vangamayacha Itihas, Vol. IV., 1965, Vishrabda Sharda.

Or

Paper VI—*Urban History*—Bombay 1800-1947.

1. Concept of Urbanisation ; Singificance of Urban History.
2. *Bombay in 1800*.
3. *Trade*, Local, Internal and Overseas.
4. *Transport and Communications*—Local, Internal and Overseas.
 - (a) Growth of Port facilities—Docks—The Bombay Port Trust
 - (b) Shipping.
 - (c) Road Transport.
 - (d) Railways.
 - (e) Port, Telegraph, Telephone.
5. *Industry* :
 - (a) Handloom Textiles.
 - (b) Modern Industries, Textiles, Ship building and other Industries.
6. *Capital and Labour*.
7. *Banking and Finance*.
8. *Land Reclamation*.
9. *Population, Migration and Occupational Opportunities* : The contribution of different sections to the growth of the city.

10. *Social life : Patterns of Urban Living.*
11. *The Growth of Local Government, Problems and Achievements.*
12. *The Development of Education, Role of the Press. Art, Architecture and Metropolitan Character/Culture.*

Select Bibliography

1. Da Cunha, J. G.—*Origin of Bombay*—Bombay, 1900.
2. Edwards, S. M.—*Rise of Bombay*—Bombay, 1902.
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Group A—Ancient India

Paper VII—Political Ideas and Institutions from Early Times to 7th Century A.D.

1. Concept of *Dharma* and *Dandaniti*.
2. *Kingship*.
 - (i) Origin of Kingship : Various concepts.
 - (ii) The King and Coronation; Significance of *Rājsuya*, *Vājpeya* and *Ashvamedha*.
 - (iii) Duties of the King.
 - (iv) Checks on royal power.
 - (v) Changing pattern of Kingship from Tribal to Divine.
3. *Sabha—Samiti*.
 - (i) Views on Origin.
 - (ii) Nature and functions.
4. *State*
 - (i) Origin of the State—theories.
 - (ii) Forms.
 - (iii) Constituents of the State—*Saptānga*.
 - (iv) Nature, Aims and Functions.
5. *Administration*
 - (i) Civil
 - (ii) Military
 - (iii) Judicial.

6. *Republics*
Nature and functions.
7. Village Communities.
8. Public Finance.
9. Public Works.
10. Inter-State Relations.
11. Sources—a study of literary and archaeological sources.

Books for Study

1. B. A. Saletore—*Ancient Indian Thought and Institutions.*
2. A. S. Altekar—*State and Government in Ancient India.*
3. K. P. Jayaswal—*Hindu Polity.*
4. H. N. Sinha—*Sovereignty in Ancient Indian Polity.*
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6. D. R. Bhandarkar—*Some Aspects of Ancient Indian Polity.*
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8. R. C. Majumdar—*Corporate Life in Ancient India.*
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10. A. S. Altekar—*History of the Village Communities in Western India.*
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2. Beni Prasad—*The Political Theory in Ancient India.*
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4. A. K. Sen—*Studies in Ancient Indian Political Thought.*
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10. U. N. Ghosal—*History of Public Life in Ancient India Vol. I*.
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12. K. V. Rangaswami Iyengar—*Some Aspects of Ancient Indian Polity*.
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14. V. P. Verma—*Studies in Hindu Political Thought and its Metaphysical Formations*.
15. Beni Prasad—*Theory of Government in Ancient India*.
16. A. Schweitzer—*Indian Thought and Its Development*.
17. C. Drikmeir—*Community and Kingship in Early Life*.

Group A—Ancient India

Paper VIII—*History of the Mauryas (320 B.C. to 185 B.C.)*

1. Political conditions of Northern India at the rise of the Mauryas—Relations with the North West.
2. *Chandragupta Maurya and Bindusara*.
 - (i) Foundation of the Mauryan Empire.
 - (ii) Administration—Civil, Military, Judicial, City, Village.
3. *Ashoka Maurya*.
 - (i) Kalinga War and its impact.
 - (ii) Nature of Kingship.
 - (iii) Foreign Relations.
4. Successors of Ashoka and decline of the Mauryas.
5. *Religion and State*.
Ashoka's Religions Policy—*Devānampiyā Piyadassi*.
Dhammavijaya.
6. *Religion and Society*.
 - (i) Religious trends.
 - (ii) Tribes and Castes.
7. Characteristics of Mauryan Art and Architecture.

8. *Sources :*

- (i) Arthashastra and Mudrārākshasa
- (ii) Edicts of Ashoka.
- (iii) Mahavamsa.
- (iv) Accounts of the Greeks.
- (v) Coins.

9. Spread of Indian Culture outside India.

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Group A—Ancient India

Paper VIII—*History of The Guptas (C. 320 to 500 A.D.)*

1. India on the eve of the rise of the Guptas.
2. Chandragupta I and Foundation of the Gupta Empire.
3. Samudragupta and Expansion of the Gupta Empire.
4. Chandragupta II—Conquests and consolidation—Cultural achievements.
5. Successors of Chandragupta II and decline of Gupta power.
6. Economic Life.
7. Religion and the State—Divinity of Kingship.
8. Religion and Society—Untouchability.
9. Gupta art and architecture.
10. Education, Literature and Science.
11. Spread of Indian Culture outside India.
12. Sources :
 - (i) Manusmriti, Yajurveda Smriti, Narada Smriti.
 - (ii) Arthashastra.
 - (iii) Santiparvan (Mahabharata).
 - (iv) Kamandaka Nitisara.
 - (v) Accounts of Fa Hien.
 - (vi) Allahabad Pillar Inscription.
 - (vii) Gupta Coins.

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2. R. K. Mookerji—*The Gupta Empire*, Bombay, 1947.
3. R. N. Saletore—*Life in the Gupta Age*, Bombay, 1943.
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8. B. R. Ambedkar—*The Untouchables*.
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10. R. S. Sharma—*Feudalism in Ancient India*.

Group B

Paper VII—*Political Ideas and Ruling Classes in India (1200-1700)* (An exclusive Study of the Delhi Sultanate and the Mughal Empire).

1. *Political Ideas Upto 15th Century* : Sovereignty in Mediaeval India the continuing traditions ; Sovereignty in Mediaeval Islam—the contradictions in Muslim Political Ideology ; Theory and Evolution; *Shariat* in the Indian environment.
2. *Kingship in Theory and Practice* : Monarchy under the Sultanate ; Origins and development of the *Zawabit* or State-laws with special reference to Barni's works ; Nature of the State ; Kingship under the Lodis and the Surs.
3. *The Ruling Class* :
 - (a) The Emergence of Turkish Governing Class and Asiatic environment. The Indo-Turkish bureaucracy ; Theoretical Basis of Relationship between State and the Nobility.
 - (b) Changes in the complexion of the ruling class ; Indianization of the Higher Echelons of Political and Administrative Authority.
4. *The Iqtadars and Khilji Imperialism* ; Imperialism on trial—*Amiran-i Sadah* ; Nobility and the King—Decline of the State.
5. *Evolution of a New Theoretical Basis for the Sovereignty* : Turko-Mongol Theory of Kingship Concept of Sovereignty and the Mughal Absolutism ; Abul Fazl's Ideal King ; Theoretical basis of Sovereignty derived from the Principles of *Sulah-i Kul*.
6. *Organization and Composition of the Mughal Nobility* : the early phase ; *the Tura-i Changezi* ; the Timurid features and the pre-Mughal Indian traditions ; Rise of a new nobility and new norms of relationship between nobility and the King.
7. *The Mughal Ruling Class* : Gradual rise of a highly sophisticated absolutisms and the emergence of a composite nobility ; the components of the Mughal Governing Class :
 - (a) The *Umara*
 - (b) Autonomous chieftains and Intermediary *Zaminders*.
 - (c) The *Mansabdar—Jagirdars*.
8. The dominant groups and changing complexion of the Mughal Nobility under Akbar, Shah Jahan and Aurangzeb.
9. Nature of Mughal Imperialism ; Crisis of Jagirdari System.

Books for Study

1. R. S. Sharma—*Social Change in Early Medieval Indian Feudalism*, Calcutta, 1965 (Chapters V, VI and VII only).
2. Mohammad Habib—*Politics and Society During the Early Medieval Period*. Vol. I Parts I and II only, PPH, 1974.
3. A. B. M. Habibullah—*The Foundations of Muslim Rule in India*, 2nd Ed. Allahabad, 1961.
4. R. P. Tripathi—*Some Aspects of Muslim Administration*, Allahabad, 1959.
5. R. M. Ashraf—*Life and Conditions of the People of Hindustan*, 2nd Ed. Allahabad, 1969.
6. I. H. Qureshi—*Administration of the Sultanate of Delhi* (Reprint), New Delhi, 1971.
7. S. P. Nigam—*Nobility under the Sultana of Delhi*, Delhi, 1968.
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9. Ibn Hasan—*The Central Structure of the Mughal Empire*, Reprinting, 1970 Relevant chapters.
10. M. Athar Ali—*The Mughal Nobility Under Aurangzeb* (Chapters I, II, and III), Bombay, 1956.
11. K. A. Nizami—*Religion and Politics in India During the 13th Century*. Relevant Chapters, Aligarh, 1961.
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8. I. A. Khan—*The Political Biography of a Mughal Noble* (Introduction and Chapter II only).
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1. I. A. Khan—"Turko-Mongol Theory of Kingship". *Medieval India—A Miscellany* Vol. II.
2. I. A. Khan—"The Formation of the Mughal Ruling Class—A Case Study" *P.I.H.C.*, 1966.
3. S. Nurul Hasan—"Relations of Early Mughal Rulers with their Nobility", *P.I.H.C.*, 1944.
4. Satish Chandra—"Raja Jai Singh Swai's Contribution to Imperial Polity" *P.I.H.C.*, 1948 ..
5. Athar Ali—"Foundation of Akbar's Organisation of the Nobility", *Medieval India Quarterly*, Vol. I, 1960.
6. Athar Ali—"The Mughal Empire in History", *P.I.H.C.* 1972.
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Group B—History of India

Paper VIII—*The Mughal Empire (1556-1658)—Political and Cultural History.*

1. *Mughal Emperors and Nobility :*
 - (a) Akbar and his Regents ; Conflict with Nobility ;
 - (b) Jahangir and Akbar Shahi Nobles, The New Nobles ; Nur Jahan Janta, Shah Jahan's Rebellion.
 - (c) Shahajahan and the nobility, problems at his accession, Khan Jahan.
2. *The Mughal Empire : Expansion and Consolidation*
 - (a) Early expansion-Changing political map of India at 1556, 1606, 1628 and 1656.
 - (b) Mughal—Rajput relations—Akbar, Jahangir, Shah Jahan.
3. *The Deccan States and the Mughals :*
 - (a) Akbar and the Deccan (1595- 1601) ; Jahangir and the Deccan (1624—27).
 - (b) The Deccan and Shah Jahan ; First Phase 1628-38 : Second Phase 1658-57.
4. *North West Frontier Policy :*
 - (a) Geo-political significance of Kabul, Qandahar and Badakshan;
 - (b) The North West—Akbar, Jahangir and Shahajahan.
5. *Religion and Society :*
 - (a) Religious trends and movements.
 - (b) Cultural synthesis at popular level.
6. *Religion and State :*
 - (a) The Evolution of Akbar's Religious Policy.
 - (b) Akbar's religio-political outlook, *Tanahid-Ilahi*, the concept of *Sulh-i-Kul*.
 - (c) Religious climate under Jahangir and Shahajahan.

7. *Literature- -Architecture and Painting :*
 - (a) Development of Hindi and Persian Literature.
 - (b) Development of Architecture. Under the Mughals.
 - (c) Mughal Paintings.
8. *Historians and Persian Sources of the Period :*
 - (a) Official—Histories, Non-official Histories, Memoirs, Bibliographical Diaries.
 - (b) Abdul Fazl—as a Historian; Badavni, and this work. Lahori, Sadiq Khan and Mamuri.
9. *European Sources :*
 - (a) Jesuit Accounts.
 - (b) Traveller's Accounts and Reports.
 - (c) Factory Records ; Commercial Reports.

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1. V. Smith—*Akbar the Great Mogul*, Delhi, 1958.
2. Iqtidar Alam Khan—*The Political Biography of a Moghal Noble : Mumin Khan Khani-i-Khanan*, New Delhi, 1973.
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4. B. P. Saksena—*History of Shah Jahan*, Allahabad, 1962.
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1. Nurul Hasan—‘The Mahar of Akbar's Raign, *Journal of U.P. Historical Society*, Vol. XVI., Pt. I.
2. Iqtidar Alam Khan—The Mughal Court Politics during Bairam Khan's Regency, *Mediaeval India : A Miscellany*, Nol. 1, Department of History, AMU, Aligarh.
3. Iqtidar Alam Khan—‘The Nobility under Akbar and the Development of his Religious Policy, 1560-80’,—*Journal of the Asiatic Society*, 1968.
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6. Irfan Habib—‘The Political Role of Shaikh Ahmad Sirhindi and Shah Waliullah’—*Enquiry*.
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Group G

Paper VII—*Modern India 1757-1857.*

1. East India Company 1757—1772 : Power without Responsibility.
2. Post-Panipat Maratha Power.
3. *British Imperial Expansion* :
 - (a) First Phase 1772-1813.
 - (b) Second Phase 1813-1856.
4. *Evolution of the Government of India* : 1773-1853.
Regulating Act, Pitts India Act, Charter Acts.
5. *British Administrative System* :
 - (a) Revenue and Finance.
 - (b) Judicial Administration.
 - (c) Recruitment of Services.
6. New Forces at Work :
 - (a) Christian Missionaries.
 - (b) Education.
 - (c) Press.
 - (d) Transport and Communications.
7. *Impact of the British Rule : Indian Reaction* :
 - (a) Growth of Political Consciousness.
 - (b) Economic Consequences.
 - (c) Peasant and Tribal uprisings.
8. *Indian Renaissance* : National Awakening.
 - (a) Indology.
 - (b) Raja Ram Mohan Roy and the Process of Modernization.
 - (c) Social Reform and Social Change.
9. Revolt of 1857.

Books for Study

1. Ramsay Muir—*Making of British India*, Manchester, 1950.
2. T. G. Spear—*Oxford History of India*, 1958.
3. R. C. Majumdar (ed)—*British Paramountcy and Indian Renaissance*, Part I, Bharatiya Vidya Bhavan, Bombay, 1963.
4. Edward Thompson and G. T. Garrat—*Rise and Fulfilment of British Rule in India*, Allahabad, 1958.
5. Anderson and Subedar—*Development of Indian Policy*.
6. Anderson and Subedar—*The Expansion of British India*, Vol. I.
7. R. Mukherjee—*The Rise and Fall of the East India Company*.
8. S. Nurulla and J. P. Naik—*History of Education in India*, Bombay, 1951.
9. S. Natarajan—*History of Press in India*, Bombay, Asia Pub. House.
10. Percival Griffiths—*British Impact on India*.
11. K. K. Dutta—*Anti-British Plots and Movements Before, 1857*.
12. Natesan & Co.—*Eminent Orientalists*.
13. V. C. Joshi—*Raja Rammohan Roy and Process of Modernisation in India*.
14. Charles Heimsath—*Indian Nationalism and Hindu Social Reform*, Oxford University Press, Bombay, 1964.
15. S. N. Sen—*Eighteen Fifty-Seven*, New Delhi, Publications Division.
16. David Kof—*British Orientalism and Indian Renaissance*, 1969.
17. P. C. Joshi (ed), 1857.
18. Tarachand S. C. Gupta—*Agra and relations-Early British Rulers*.

Books for Réference

1. B. B. Mishra—*The Administrative History of India, 1834-1947*.
2. B. B. Mishra—*The Central Administration of the East India Company*, Oxford University Press, 1959.
3. S. Gopal—*The Permanent Settlement of Bengal and Its Results*, London, 1949.
4. L. S. S. O'Malley—*The Indian Civil Service, 1601-1930*.
5. E. Stokes—*English Utilitarians in India*, Oxford, 1959.

6. P. Woodruff—*The Men Who Ruled India*. Vols. I, The Founders, London, 1953.
7. Evans Bell—*Retrospects and Prospects of Indian Policy*.
8. W. Digby—Prosperous British India.
9. R. Dutt—*Economic History of India under Early British Rule*.
10. A. Lyall—*Asiatic Studies*, Vols. I and II, London, 1899.
11. C. H. Philips—*The East India Company, 1784-1834*.
12. H. G. Rawlinson—*British Achievement in India*.
13. E. Arnold—*Marquis of Dalhousie's Administration of British India*.
14. M. C. Roy—*Indian Civil Service, 1935*.

Group C—Modern India

Paper VIII—Contemporary India 1947-1966.

1. Constitution :
 - (a) Its making.
 - (b) Basic Postulates.
 - (c) Aims and objectives.
2. Consequences of Partition.
3. Integration of States.
4. Indian Society in the rural and urban context.
5. *Planning* :
 - (a) Problem of Demography.
 - (b) Agrarian Policy and Agriculture.
 - (c) Industrialisation.
6. National Political Parties : Their Policies and Programmes.
7. Problem of National Integration :
 - (a) Quest for Secularism.
 - (b) The Minorities.
 - (c) Scheduled Castes and Scheduled Tribes.
 - (d) Reorganisation of States.
8. Education and New Trends in Literature.
9. Press and Mass Media.

10. Arts and Culture.
11. Science and Technology.
12. India's Foreign Policy ; India in World Affairs.

Books for Study

1. Daniel Thorney—*The Shaping of Modern India*, Allied Publishers P. Ltd.
2. S. C. Dube (ed.)—*India Since Independence : Social Report on India 1947—1972*. Indian Institute of Advance Study (Vikas Publishing House), 1977.
3. Charles Bettelheim—*India Independent* (Translated from the Fifteenth French—W. A. Caswell), London, Macgibbon and Kee, 1968.
4. V. K. N. Menon—*India Since Independent—From the Preamble to the Present* (Archya Narendra Dev Memorial Lectures), New Delhi : S. Chand and Co., 1968.
5. G. L. Mehta—*Understanding India*, Bombay Asia, Publishing House, 1959.
6. B. Shiva Rao (ed.)—*India's Constitution in the Making*, Bombay : Allied, 1963.
7. Beljit Singh—*Indian Foreign Policy : An Analysis*, Bombay : Asia Publishing House, 1975.
8. D. D. Basu—*Shorter Constitution of India*, Calcutta, 1970.
9. V. M. Dandekar and N. Rath—*Poverty India*, in Pune, Indian School of Political Economy, 1971.
10. V. P. Menon—*Integration of States*.
11. P. C. Joshi—*Land Reforms in Indian—Trends and Perspective*.

Books for Reference

1. *Contemporary Indian Literature*—Sahitya Academy, New Delhi.
2. Durga Das—*India from Curzon to Nehru and After*.
3. V. M. Bachal—*Freedom of Religion and the Indian Judiciary*—Shubhada Saraswat, Pune 1978.
4. F. R. Franke—*India's Political Economy 1947-1977 : India's Gradual Revolution*, Delhi : Oxford University Press, 1978.
5. Rajni Kothari—*Democratic Polity and Social Change in India*, Bombay : Allied Publishers, 1976.

6. V. P. Luthera—*The Concept of the Secular State and India*, London, Oxford University Press, 1964.
7. Michael J. Mahar (ed)—*The Untouchables in Contemporary India*, The University of Arizona Press, 1972.
8. G. Rosen—*Democracy and Economic Change in India*, Bombay Vora and Co., 1966.
9. K. Subba Rao—*Conflicts in Indian Polity*, S. Chand and Co. Delhi, 1970.
10. R. I. Llyod and S. H. Llyod—*The Modernity of Tradition, Political Development in India*, Chicago University Press, 1969.
11. Prabha Dixit—*Communalism—A struggle for Power*, Bombay : Orient Longman, 1974.
12. Sankar Ghose—*Socialism and Communism in India*, Bombay, Allied, 1971.
13. J. Banerjee—*The Making of India's Foreign Policy*, Allied Publishers, Bombay, 1980.
14. K. P. Karunakaran—*India in World Affairs*, 2 Vols. London : Oxford University Press, 1953-1958.
15. K. P. Mishra (Ed)—*Studies in Indian Foreign Policy*, Delhi, Vikas Publications, Delhi, 1969.
16. Jawaharlal Nehru—*India's Foreign Policy (Selected Speeches)* The Publication Division, Min. of Information and Broadcasting, Government of India, 1961.
17. A. Ahmad—*Islamic Modernism in India and Pakistan*.
18. Abid Hussain—*Destiny of Indian Muslims*.
19. W. C. Smith—*Modern Islam in India*.

Scheduled Castes and Tribes

1. Bharadwaj A. N.—*The Problems of Scheduled Castes and Scheduled Tribes in India*, Light and Life Publishers, New Delhi.
2. Deshpande V. S.—*Towards Social Integration (Sharad-Gogate Saraswat, Pune)*
3. Ghosh Atal—*Changing frontiers of Caste*, National Publication House, N. Delhi.
4. Manubarjee B. R.—*Case of the Backward Classes. (The Kuleen Braham Mahasabha Bharat Punjab.)*
5. Kamble, N. D.—*The Rise of the Depressed Classes in India*, Sterling Publication, New Delhi.

*Group D*Paper VII—*Latin America* 1900-1960.

1. Latin America in 1900—A Survey.
2. Mexico—Era of Porfirio Diaz—Revolutionary period from 1911 to 1920—Madero-Huerta—Carranza ; The new era 1920 to 1960—Obregon-Calles-Cardenas and others ; Socio economic problems.
3. Argentina—Internal conditions before 1914—Rise of Radical Party—Irygoyen and the Radical experiment ; Rise of the Army 1930 ; Age of Peron-Post Peron Argentina. Socio-Economic trends and political parties.
4. Brazil—Internal conditions during the pre-war period ; Republic 1915-1930 ; Revolution of 1930 and the age of Getulio Vargas ; Post-Vargas Brazil ; Socio economic problems.
5. Chile—Internal conditions before 1914 : Parliamentary Republic ; Arturo Alessandri 1920-1927 ; Socialist experiment ; Political instability 1931-1960 ; Socio-economic problems.
6. Peru—Internal conditions prior to First World War ; Age of Augusto Leguia 1919-1930 ; Political instability 1930-1945 ; Manuel Odri 1948-1956 and after Socio-economic problems.
7. Cuba
 - (a) Political developments upto 1930 Social and Economic trends in Cuba—Rise of Barista.
 - (b) Fidel Castro.
8. Growth of Pan Americanism.
9. Latin America—Inter-state relations.
10. Latin America and the U.S.A.
11. Latin America in World Affairs.
12. Developments in art, literature and science.

Note : Topics No. 8, 9, 10 and 11 should be studied with special reference to *six* countries included in the syllabus.

Books for Study

1. D. M. Dozer—*Latin America : An Interpretative History*, New York, Macgraw Hill, 1962.
2. Fagg—*Latin America—A General History*, New York, Macmillan, 1968.

3. Hubert Herring—A History of Latin America from the beginning to the present, 2nd ed. New York, Alfred Knopf 1961.
4. J. Fred Rippy—Latin America—A Modern History, Ann Arbor, University of Michigan Press, 1958.
5. D. E. Worcester and W. G. Scheefer—The Growth and Culture of Latin America, Oxford University Press, New York, 1956.
6. Carleton Beals—Latin America World in Revolution, London, Abelard Schuman, 1963.
7. Fitzgibbon, R. H.—Latin America A Panaroma of Contemporary Politics, New York, 1971.
8. Niedergane, Marcel—Twenty Latin Americas 2 Vols. Penguin Books, 1971.
9. J. Fred, Rippy, Latin America in World Politics, New York F.S. Grofts, 1940
10. Graham W. Stuart—Latin America and the United States, New York, Appletton Century 1938.
11. Tex Szule—The Winds of Revolution : Latin America Today and Tomorrow, New York, Fredrick A. Prager Publisher, 1968.
12. William, Bartett and Miller—The People and Politics of Latin America, Boston, Ginn and Co. 1938.
13. Alfred B. Thomas—Latin America : A History.

Books for Reference

1. Hanke, Lowis—Readings in Latin American History Vol. II Since 1810. New York, 1966.
2. Powelson—John P. To-day's Economic and Social Revolution, McGrow Hill, London, 1964.
3. Duncan, Kenneth, Ian Rutledge—and Colin Harding Eds.—Land and Labour in Latin America ; essays on the development of agrarian Capitalism in 19th and 20th Centuries, Cambridge University Press, 1977.
4. Foxley Alejandro Ed.—Income distribution in Latin America, Cambridge University Press, 1976.
5. Furtado, Ceslo—Economic Development of Latin America, Tr. Suzette Macedo, Cambridge University Press, 1976.
6. Viel Benjamin—The Demographic Explosion—The Latin American Experience, Irrington Publishers, 1976.

7. Hellman, Ronald G. and H. Jon Rosenbaum eds.—Latin America a search for a new international role, John Wiley and sons, 1975.

Note :

Group D—Countries other than India

Or

Paper VIII—*History of Russia 1917-1964.*

1. The Political, Economic and Social Conditions in 1917.
2. Marxism, Leninism and subsequent ideological developments.
3. The February Revolution of 1917 ; The Provisional Government.
4. The Bolshevik Revolution of 1917.
5. Internal Political Developments 1917-1928 : The Civil War ; the Nationalities Question ; The constitutions of 1918 ; 1922 and 1924.
6. *Economy 1917-1928 : War Communism. N.E.P.*
7. *Foreign Policy 1917-1928 : The Treaty of Brest-Litovsk ; Foreign Armed Intervention ; Comintern ; Soviet Union and the West ; Soviet Union and Asia.*
8. *Struggle for Power—*
 - (a) Stalin vs. Trotsky.
 - (b) Socialism in one land vs. Permanent Revolution.
9. *Internal Political Development 1928-1953 ; The Constitution of 1936 ; Stalinist Cult ; Purges ; Reign of Terror.*
10. *Economy 1928-1953 ; Five Year Plans ; Collectivisation of Agriculture ; Industrial Growth.*
11. *Foreign Policy 1928-1953 ;*
 - (a) Stalinist Diplomacy before the Second World War.
 - (b) Russia during the Second World War.
 - (c) The Cold War.
12. *Khrushchev 1953-1964. Destalinisation ; Collective Leadership ; Constitutional Amendments ; Economy Problems ; Foreign Policy.*
13. *The Soviet Social System in Theory and Practice :*
 - (a) Theoretical models of Soviet Society ;
 - (b) Evaluation of the Soviet Social Structure ; Party as an Instrument of Social change.
 - (c) The Family.
14. *Literature, Arts, Science and Technology.*

Books for Study

1. Kochan, Lionel—*The Making of Modern Russia*.
2. Kochan Lionel—*Russia in Revolution, 1890-1918*.
3. Floyd David—*Russia in Revolt*.
4. Freeborn Richard—*A short History of Modern Russia*.
5. Murarka Dev—*The Soviet Union*.
6. Dmytryshyn—*A History of Russia*.
7. Westwood—*Endurance and Endeavour*.
8. Hook, S.—*From Hegel to Marx*.
9. Nove Aleck—*Economic History of the U.S.S.R.*
10. Black Cyril—*The Translaformation of Russian Society*.
11. Florirsky M. R.—*Russia—A History and an Interpretation*.
12. Bertran D. Wolf—*Three who made a Revolution, New York, 1948*.
13. Freeborn Richard—*Literary Altitudes from Pushkin to Solzhenitisyn*.

Books for Reference

1. Dobb Maurice—*Soviet Economic Development Since 1917*.
2. Fischer L.—*The Soviet in World Affairs*.
3. Carr E. H.—*History of Soviet Russia in 6 vols*.
4. Mazour Anatole G.—*Russia Tsarist and Communists*.
5. Vernadsky George—*A History of Russia*.
6. Merwyn Mathew—*Class and Society in Soviet Russia*.
7. Deutscher I.—*Stalin, A Political Biography*.
8. Marci se H.—*Soviet Marxism*.
9. Mills C. W.—*Marxists*.
10. Hudson G. F.—*Fifty Years of Communism*.
11. Rostow W. W.—*The Dynamics of Soviet Society*.
12. Rice D. Ed.—*Russian Art*.

*Group D—Countries other than India*Paper VIII—*South East Asia—1900-1965.*

1. South East Asia at the turn of the 19th Century—A general survey.
2. Indonesia—National Movement upto 1949.
3. The Indonesian Republic—Dr. Sukarno's Guided Democracy.
4. *Indo-China*—French Rule in Indo-China and the emergence of Vietnames Nationalism.
5. Post War World Political Developments in Laos and Cambodia.
6. Vietnam ; Role of Dr. Ho-Chi Minh.
7. *Malaya*—British rule and its impact.
8. World Political Developments in Malaya after World War I ; the Problem of a plural society.
9. *Burma*—British rule and its impact ; the rise of Burmese nationalism ; constitutional developments ; attainments of Independence.
10. Economic reconstruction and political developments in Burma.
11. *Philippines* : American rule in the Philippines ; the Filipino nationalist movement ; the evolution of the Philippines Commonwealth.
12. *Thailand* : Modernisation of Siam (Thailand) ; and Revolution of 1932 ; and the establishment of constitutional monarchy ; economic and political problems.
13. Japanese occupation of South East Countries and its impact.
14. Communism in South-East Asia.
15. South East Asia in World Affairs :—
 - (a) Bandung Conference.
 - (b) South-East Asia Treaty Organisation (SEATO).

Books for Study

1. J. S. Furnivall—*Colonial Practices and Policy*, New York, University Press, 1956.
2. Lennox A. Mills—*The New World of South-East Asia*, Minnea polis, University of Minnisota, Press, 1949.

3. Lennox A. Mills—*South-East Asia : Illusion and Reality in Politics Economics*. London, Oxford University Press, 1964.
4. D. G. E. Hall—*A History of South-East Asia*, London, Macmillan, 1968.
5. John F. Cady—*South-East Asia : Its Historical Development*, New York, McGraw Hill Book Company, 1964.
6. G. McT. Kahin—*Government and Politics of South-East Asia*. New York, Cornell University Press, 1959.
7. J. H. Brimmel—*Communism in South-East Asia : A Political Analysis*.
8. Amry, Vandenbosch and Richard Butwell—*The Changing face of South-East Asia*, Lexington, University of Kentucky Press, 1966.
9. Michall Edwards South East Asia.
10. Claud A. Buss—*Contemporary South-East Asia*, New York, Van Nostrand, 1970.

Books for Reference

1. Frankn, Trager—*Marxism in South East Asia : A Study of Four Countries*, Stanford University Press, 1971.
2. David Joel Steinberge (ed)—*In Search of South-East-Asia*, London, Paul Male Press.
3. W. A. Hanna—*Eight Nation-Makers : South-East-Asia's Charismatic statesmen*, New York, 1964.
4. Gerrit HUIZER—*Peasant Movements and their Counterforces in South East Asia*, New Delhi, Marwah Publication, 1980.
5. G. Met, Kahin—*Nationalism and Revolution in Indonesia*, New York, Cornell University Press, 1961.
6. Ruth T. Mevey—*The Rise of Indonesian Communism*. New York, Cornell University Press, 1965.
7. Bernard B. Fale—*The Two Viet Nams : Political and Military History*, New York, Cornell University Press, 1963.
8. R. K. Tatman—*Communalism and the Political Process in Malaya*, Kala Lampur, University of Malaya Press, 1965.
9. John F. Cady—*A History of Modern Burma*, New York, Cornell University Press, 1978.
10. Johnson J. Johnson—*The Role of the Military in Underdeveloped Countries*, Princeton University Press, 1972.

11. Donald E. Nuechterlein—*Thailand and the Struggle for South-East-Asia*. New York, Cornell University Press, 1965.
12. Howard Boyce—*The Philippines*, Virginia, Military Assistance Institute, 1964.
13. John Bastint Harry J. Benda—*A History of South-East Asia*, New Jersey, Englewood Cliffs, 1968.
14. Victor Purcell—*Revolution in South-East-Asia*, London, Thomas and Hudson, 1962.
15. Bernard K. Gordon—*Dimensions of Conflict in South-East Asia*. Englewood cliffs, N.J., Prentice Hall, 1966.

Or

Group D—Countries other than India

Paper VII—*West Asia*—1900-1970.

(A Specified Region : The Arab World and Israel)

1. *West Asia in International Complex* :
 - (a) Imperialism in West Asia.
 - (b) France in Levant and Egypt.
 - (c) British Interests in the Arab World.
2. *Arabs and World War I* :
3. *Western Powers and the Arabs* :
 - (a) Post-War Settlement.
 - (b) San-Remo Settlement.
 - (c) The Mandate System.
 - (d) England in Egypt, Iraq, Iran, Jorden and Palestine.
 - (e) France in Syria and Lebanon.
 - (f) American Entry in Iraq and Saudi Arabia.
4. (a) Arab Nationalism and National Movements in the Arab World.
(b) Emergence of Saudi Arabia.
5. *Arabs and World War II*.
6. *Arab States : Internal and External Problems* :
 - (a) Saudi Arabia and Egypt ; Syria, Lebanon, Iraq, Jordan and the Gulf Shaikhdoms.
 - (b) Arab League.

7. *Emergence of Israel* :
 - (a) Zionism, and Idea of Jewish States.
 - (b) British Mandate in Palestine.
 - (c) Founding of the State of Israel.
8. *Arab-Israel Conflict* :
 - (a) Arab Israel Wars ; Palestinian Refugees.
 - (b) Jordan Waters.
 - (c) Nasser : Arab Unity.
9. (a) Arab Oil and World Politics.
 (b) Oil and its impact on Arab Society.
 (c) Oil as a Political Weapon.
10. *Arab and India*.

Books for Study

1. Abdel Malek, Anouar—Egypt, New York, 1968.
2. Badean J. S.—The Emergence of Modern Egypt, New York, 1958.
3. Antomius George—The Arab Awakening. The Story of Arab National Movement 4th Ed. Beirut, 1961.
4. Khaduri Majid—Political Trends in the Arab World, Baltimore, 1970.
5. Nuscibeh Nazem Z.—The Ideas of Arab Nationalism, Itacha, 1956.
6. Samir Shama—The Oil of Kuwait, Present and Future (Translation from Arabic) ; Middle East Research and Publishing Centre, Beirut, 1959.
7. Evron Yair—Middle East Nations, Super powers and wars, International Relations, Series 5 N.Y. 1973.
8. U.S.S.R. and the Middle East—Problem of Peace and Security, Moscow, 1972.
9. Melane, Charles—Soviet Middle East Relations, London, New York, 1972.
10. Rodison Makime—Israel and the Arabs, Pantheon, New York, 1969.
11. Cohen, Aaron, Israel and the Arab World New York, 1970.
12. Sharabi Hisham B.—Palestine and Israel, the Lethal Oilemma, New York 1969.
13. Issawai Charles and Yeganeh Mohammed—The Economics of Middle Eastern Oil, New York, 1962.

14. Leiden Carl—*The Conflict of Traditionalism and Modernism in the Middle East*, 1969.
15. Rodison Maxime—*Marxism and the Muslim World*.
16. Ward Richard Edmund—*West Asia in Indian Foreign Policy*: Cincinnati 1970.

Books for Reference

1. Marlowe John—*The Persian Gulf in 20th Century*, New York, 1962.
2. Hitti Philip K.—*History of Syria including Lebanon and Palestine*, (New York, 1951).
3. Tihawi, A. L.—*A Modern History of Syria* Macmillan (London, 1969).
4. Tihawi, A. A. L.—*A Modern History of Greater Syria, including Lebanon and Palestine* (Macmillan, London, 1969).
5. Patai R.—*The Kingdom of Jordan* (Princeton 1958).
6. Lipsky George A.—*Saudi Arabia. Its People, Its Society and Its Culture*, New Haven, 1959.
7. Cattan Henry—*Palestine, the Arabs and Israel*, Longman Green London, 1969.
8. Howard, M. and Hunder R.—*Israel and the Arab World* (Institute of Palestine Studies, Beirut).
9. Cohen Aaron—*Israel and the Arab World*, New York, 1970.
10. Gabbay Rony E.—*A Political Study of the Arab Jewish Conflict. The Arab Refugee Problem (A Case Study)*, Geneva, 1959.

ECONOMICS

The following will be the scheme of papers in **Economics** at the revised M.A. degree course introduced from 1980-81 :—

The Compulsory papers will be as under :—

Group I

Paper I—*Value and Distribution*—(to be studied in Part I).

Paper II—*Money, Income and Employment*—(to be studied in Part I)

Paper III—*Growth, Development and Planning*—(to be studied in Part II)

Paper IV—*Public Finance and Fiscal Policy*—(to be studied in Part II).

The above papers are to be primarily theory-oriented. They should, however, be taught with reference to problems and policies of the Indian Economy. Where possible, Theories should not be taught in abstraction but their application with reference to Indian conditions must be illustrated and integrated, the object being to give an integrated view of theory and application to relevant Indian problems.

Candidates offering Entire Economics must offer any *two* subjects of *two each* from the following *Optional subjects of Group II* :—

- *1. Agricultural Economics—(Paper I in Part I, Paper II in Part II)
- *2. Industrial Economics (Paper I in Part I, Paper II in Part II)
- *3. Monetary Economics and Central Banking—(Paper I in Part I, Paper II in Part II)
- *4. Demography—(Paper I in Part I, Paper II in Part II)
- *5. Infrastructure and Services—(Paper I in Part I, Paper II in Part II)
- *6. International Economics—(Paper I in Part I, Paper II in Part II)
7. Welfare Economics and Socialist Economics—(Paper I in Part I, Paper II in Part II)
8. Economic Classics—(Paper I in Part I, Paper II in Part II)
9. Mathematical Economics—(Paper I in Part I, Paper II in Part II)
10. Econometrics—(Paper I in Part I, Paper II in Part II)

(*Subject are to be taught with reference to India conditions).

- (ii) The present requirement of submitting an Essay for each of the 4 papers under the Optional Group for students who appear under the full external scheme be dispensed with.
- (iii) The Qualifying Test in Mathematics and Statistics for Entire Economics students will continue.
- (iv) Candidates offering two branches for study at the M.A. degree course having Economics as one of them be required to study, Group I in Economics.

Further that there may not be a formal course at the advanced level as contemplated by the committee in its first meeting in Mathematics and Statistics but the Department/Centres providing instruction for the M.A. degree in Economics be requested to give an informal advice and instruction in the subject to the students who may be interested especially to those who will offer Mathematical Economics and/or Econometrics Group.

Group I

The Papers of this Group are to be primarily theory-oriented. They should, however, be taught with reference to problems and policies of the Indian Economy, where possible. Theories should not be taught in abstraction but their application with reference to Indian conditions must be illustrated, the object being to give an integrated view of theory and application to relevant Indian problems.

Paper I—*Value and Distribution*

1. Nature of economic generalisations—Significance of Assumptions—Analytical models—Concept of Equilibrium—Statistics, comparative statics and Dynamics—Stock and Flow concepts—Quantitative economics—Relevance of economic theories to economic realities—Value judgements implicit in economics theories—Criteria for validity of economic theories.

2. Development of value theory—Contributions of Adam Smith, David Ricardo, and Karl Marx—Role of demand in the classical value theory Sraffa a version in terms of the primacy of stock (or commodity) inputs—Basic and Non-basic goods. The Concepts of a standard commodity—Controversy regarding Transformation of labour—determined value into Production prices—Limitations of the Labour theory of value—Development of the Marginalist approach—Contributions of Jevons and Marshall to the development of value theory.

3. Theory of consumers' choice—Utility and Indifference approaches—Revealed Preference approach—Measurability of utility—Interpersonal comparison of utility—Determination of consumer's equilibrium—Elasticity of demand—Empirical determination of Demand—Market surveys and demand forecasting—Consumer's surplus and economic welfare.

4. Concepts of cost of production—Classification of Factors of production Difficulties in measurement of labour and capital—Concept of Aggregate production functions—Returns to a Variable factor and Returns to scale—Indivisibilities—Internal and External economies and diseconomies—Concept and nature of production functions—Transformation of cost curves to supply curve—Plant, Firm, and Industry cost curves—Empirical determination of cost of functions.

5. Factors determining the Market structure and classification of market structures—Equilibrium of the Firm and Industry—Pure and Perfect competition—Laws of Returns and competitive equilibrium—Product differentiation and Monopolistics competition—Selling costs—Effects of advertising—Excess capacity and monopolistics competition—Meaning of monopoly and

measurement of the degree of monopoly—Discriminating monopoly—Bilateral monopoly—monopoly and public interest.

6. Simple and differentiated oligopoly—Demand and cost function of an individual firm under oligopoly—Reaction functions—Early theories of oligopoly : Cournot, Marshall, Bertrand and Edgeworth—Stackleberg's theory—Fellner's theory of joint maximum profits—Kindly demand curve theories : Sweezy and Hall-Hitch versions—Full cost pricing—Price rigidity under oligopoly—Administered prices and Price leadership—Restrictive trade practices—Barriers to new entry—objectives of a large corporate enterprise—oligopoly and technical change.

7. Pricing of factors of production—Classical theories of wages, rent and profits—Marginal productivity theory of factor pricing—Imperfections of labour market—Backward sloping supply curve of labour and marketable surplus of foodgrains—economic rent as a surplus—theories of profit and modern corporate enterprise—Elasticity of substitution of factors, relative factor prices and choice of technique—Outline of Walrasian general equilibrium model.

8. Alternative theories of factor shares—Ricardian theory—Marxian theory—Degree of Monopoly theory—Neo Keynesian theory—“ Widows Curse ” theory—Conceptual problems involved in estimating changes personal inequalities—technical change and changes in factor shares.

9. Concept and measurement of economic welfare—Social and Private marginal productivity and cost—Pareto optimality conditions and perfect competition.

10. (a) Methods of estimating demand for foodgrains in India—Demand elasticity for foodgrains, cloth, etc.
- (b) Functioning of agricultural produce markets and government intervention in market process in India—Objectives governing price policies of public enterprises in India—Factor markets in India.
- (c) Degree of concentration in Indian industry—Barriers to new entrants in India industry.
- (d) Unions and wage levels in Indian organised industry.

Reading List

1. American Economic Association—Readings in Price Theory.
2. American Economic Association—Readings in the Theory of Income Distribution.

3. American Economic Association—Readings in Welfare Economics.
4. Archibald, G. O. (Ed.)—Readings in the Theory of the Firm.
5. Baumol, W. J.—Economic Theory and Operations Analysis.
6. Ekkelund, R. B. and R. F. Herbert—A History of Economic Theory and Method.
7. Friedman, M.—Essays in Positive Economics.
8. Harcourt, G. C. and N. F. Laing (Ed.)—Capital and Growth.
9. Hicks, J. R.—A Revision of Demand Theory.
10. Hicks, J. R.—Value and Capital.
11. Johnson, H.—The Theory of Income Distribution.
12. Koopmans, T. C.—Three Essays on the State of Economic Science.
13. Koutsoyiannis, A.—Modern Micro-economics.
14. Rees, A.—Economics of Pay and Work.
15. Rees, A.—Economics of Trade Unions.
16. Robbins, L.—An Essay on the Nature and Significance of Economic Science.
17. Sraffa, P.—Production of Commodities by means of Commodities.
18. Townsend, H. (Ed.)—Price Theory.
19. Wicksell, K.—Selected Papers in Economic Theory.
20. Winch, D. M.—Analytical Welfare Economics.
21. Lele, U.—Foodgrains Marketing in India.
22. Bottomley, A.—Factor Markets in Underdeveloped Countries.
23. Bain, J. S.—Industrial Organisation.
24. Hazari, R. K.—The Structure of the Corporate Private Sector.
25. Johri, C. K.—Unionism in a Developing Economy.
26. Government of India—Report of the Monopolies Inquiry Commission, 1964.
27. Ranadive, K. R.—Income Distribution, the Unsolved Puzzle.
28. Brahmananda, P. R.—Explorations in the New Classical Theory of Political Economy : A Connected Critique of Economic Theory.
29. O'Brien, D. P.—The Classical Economists.

Paper II—Money, Income and Employment

1. Money and its functions specially in a developing economy. Money in equilibrium and non-equilibrium states. Uncertainty, absence of futures markets and money as a contingency good. Money and role in production. Types of money—Commodity-backed versus stockless money. Measures of money supply. Money and the range of liquid assets—Money and finance—Inside and outside money—High-powered money.

2. Supply of money. Endogeneous and exogeneous factors determining money supply. Relation between credit and money. The money multiplier Budgetary deficit and money supply. Money market, organised and unorganised—Financial intermediaries and money supply—Direct and Indirect method of regulation of money supply. Criteria for fixing a limit on monetary growth—The monetary ceiling, case for and against. Short-term control ~~ove~~: supply. Difficulties created by non-bank intermediaries. Neutral money and its limitations.

3. Demand for money. Asset-choices—Real cash balance and commodity balance effects and their relevance in India—The two triads—Link between real and monetary factors—Monetary and real liquidity—Risk aversion and liquidity preference. The dichotomies. Demand for money in India—Business and household demand—Factors determining monetization.

4. The determinants of the price level: The Quantity Theories; Classical, Cash balances, cash transactions, modern variants and their limitations—The Inventorist approach—Integration of monetarist and inventorist approaches—The wage-cost mark-up approach—Price behaviour in India.

5. Inflation, production, distribution, growth and social justice—Inflation and employment. The natural rate of unemployment. Techniques of control of inflation—Orthodox and unorthodox measures, their limitation—Consequences of inflation—Inflationary process in a poor economy—The structuralist standpoint on inflation.

6. Factors determining the rate of interest—Interest in Keynesian and Classical theories—Interest-rate determination in India—Effects of interest on prices and *vice-versa*—The Gibson and Fisher effects—Inflation and interest—The term structure of interest rates—Wealth, savings and interest—Interest policy and social justice.

7. The determinants of real national income in developed and developing economies—The aggregate supply and aggregate demand multipliers and their limitations—The acceleration principles and investment, relevance in India—The Relative roles of fixed capital, wage-goods supply, investment demand, real and nominal money in income-determination—Inadequancies of the

Keynesian Frame—Alternative approach through the consumption multiplier and its limitations.

8. The nature, dimension and types of unemployment in developed and less-developed economies—Capital deficiency and excess population as explanations of unemployment—Wage rate—Supply of wage-goods and employment. Money and employment—Demand deficiency and unemployment—Organizational limitations on employment expansion.

9. Nature of macro-economic laws in an economy—Macro-economic behaviour in India. Short-term and long-term factors constraining employment and output in India—Monetary policy and the goal of output maximisation—Credit policy and employment—Choice among employment promotion policies—Sectoral recessions and stabilization and monetary policy—Credit Planning and role of public sector banks—Monetary policy and the banking systems.

10. Money in the international system : The different standards—Gold, gold-exchange and key currency—The role of exchange reserves—The quantity theory in an international setting—Gold and prices under gold standard—World money and prices—The problem of international liquidity—The IMF and SDR's—Alternatives to SDR—Free Vs. Flexible rate—Currency blocks—The future role of gold —Petro-dollars and recycling—The future of International Monetary Relations —India and International Monetary Order.

Reading List

1. Hicks, J. R.—Critical Essays in Monetary Theory.
2. Hicks, J. R.—The Crisis in Keynesian Economics.
3. Patinkin, D.—Money, Interest and Prices (2nd Edition).
4. Clower (Ed.)—Monetary Theory.
5. Patinkin, D.—Keynes' Monetary Thought.
6. Friedman, M.—A Theoretical Framework for Money.
7. Robertson, D. H.—Essays in Monetary Theory.
8. Mudell—Monetary Theory.
9. Johnson, H.—Macro-economics and the Theory of Money.
10. Wicksell, K.—Lectures, II.
11. Kahn, R. F.—Selected Essays in Employment.
12. Brahmananda, P. R.—Determinants of Real National Income and Price Level.

13. Leijonhufvud, A.—On Keynesian Economics and the Economics of Keynes.
14. Srinivasa, M. A.—Prince Behaviour in India.
15. Keynes, J. M.—The General Theory.
16. Reserve Bank of India—Recent Development in Monetary Theory and Policy.
17. Fisher, I.—The Purchasing Power of Money.
18. Davidson, P. G.—Money and the real world.
19. Gurley, J. G. and Shaw E. S.—Money in a Theory of Finance.
20. Laidler, R.—The Demand for Money.
21. Sinha, S. L. N. (Ed.)—Inflation in India.
22. Gupta, S. B.—Monetary Planning for India.

Paper III—Growth, Development and Planning

1. Growth and development : Meaning, criteria and measurement—characteristics of developed and underdeveloped countries—Economic system and economic development.

2. Growth theories of Adam Smith, Ricardo Marx and Schumpeter.

3. Growth theories of Harrod-Domar, Joan Robinson and Neo-classical Writers (Meade).

4. Theories of development : Disguised unemployment and wage good deficiency—Lewis Model—Critical Minimum Effort thesis—Balanced versus unbalanced growth—Stages of growth.

5. Natural Resources : Renewable and non-renewable—Population and labour supply—Malthusian demographic transition theories—Theory of optimum population—Population policies.

6. Capital and Technology : Capital-Determinants of accumulation and growths—Savings as a cause and result of growth—Profits as a source and objective of accumulation—Accumulation in a poor economy—Obstacles to accumulation—Sources and types of non-basic consumption—Distribution and accumulation—Human capital.

Technology—Choice of techniques in development—Limitations of capital intensity concept—Appropriate and inappropriate technologies—Foreign capital and technology transfer—Income distribution, pattern of investment and technology mix. Limits to growth.

7. Political economy of development : Imperialism and developing countries—The drain—Institution factors affecting growth—Interest clashes, ideology and development—The Indian experience : mutual casual relationship between institutional factors and economic changes—Capitalist and feudal characteristics of Indian structure—Inefficient production methods—Non-optimal prices—Regressive distribution and effects—Unaccounted money : Sources and Implications.

8. Goals of development under Indian conditions—Growth and poverty-eradication : Concepts of poverty-line—Asset-distribution, income-distribution and poverty—Excess population and poverty—Relation between poverty and unemployment—Property relations and poverty—Growth and employment : Wage-goods and employment—Mechanisation and employment—Allocative efficiency and employment. Growth and self-reliance—Development and removal of inequality : Types of inequalities, economic and social—Conflict among goals and their reconciliation.

9. Planning as an instrument for growth and development : Types of planning : short, medium and long-term planning—Fixed and rolling plans—Centrally controlled and directed planning—indicative planning—Planning in a pluralistic and mixed economy—Physical *versus* financial planning—Decentralised Planning.

10. Select issues in Planning in India : Goals, targets and progress under Five Year Plans—Controversies over choice of development strategy : Agriculture *versus* industry debate—Heavy Industry *versus* wage goods—The feasible growth-rate. Import substitution *versus* export development—Blocks plans and area development—Planning and employment—Financial and physical balances in the plans—Public Sector and efficiency of its operation—Price-stability and the plans—Social justice and planning.

Reading List

1. Hicks, J. R.—Capital and Time.
2. Harrod, R. F.—Economic Dynamics.
3. Agarwala, A. N. and Singh S. P.—Readings in Economic Development (3 Volumes).
4. Lewis, W. A.—The Theory of Economic Growth.
5. Robinson, J.—Collected Papers, Vol. V.
6. Brahmananda, P. R.—Explorations in New Classical Theory of Political Economy.
7. Vakil, C. N. and Brahmanand, P. R.—Planning for an Expanding Economy.

8. Dandekar, V. M. and N. Rath—Poverty in India.
9. Minhas, B. S.—Planning and the Poor.
10. Mahalanobis, P. C.—Operational Approach to Planning in India.
11. Desai, K. (Ed.)—Development Strategies.
12. Sandesara, J. C. (Ed.)—Indian Economy : Performance and Prospects.
13. Vakil, G. N. —Poverty, Planning and Inflation.
14. Gadgil, D. B.—Papers on Planning and Economic Policy.
15. Shetty, S. L. —Structural Retrogressions in Indian Economy.
16. Adelman, I.—Theories of Economic Growth and Development.
17. Adelman, I. (Ed.)—The Theory and Design of Economic Development.
18. Hirschman, A. O.—The Strategy of Economic Development.
19. Kindleberger, C. P. and B. Herrick—Economic Development.
20. Schumpeter, J. A.—The Theory of Economic Development.
21. Sen, A. K.—The Choice of Techniques.
22. Domar, E. D.—Essays in the Theory of Economic Growth.
23. Sen A. K. (Ed.)—Growth Economics.
24. Salvatore, D. and E. Dowling—Development Economics.
25. Wadhva, G. D. (Ed.)—Some Problems of India's Economic Policy.
26. Meier, G. M. (Ed.)—Leading Issues in Economic Development.
27. Higgins, B.—Economic Development.
28. Nurkse, R.—Capital Formation un Underdeveloped Countries.
29. Leibenstein, H.—Economic Backwardness and Economic Growth.
30. Mynt, H.—Economics of Developing Countries.
31. Mynt, H.—Economic Theory and the Underdeveloped Countries.
32. Kurien, C. T.—Poverty-Planning and Social Transformation.
33. Amin, Samin : Unequal Development, An Essay on the Social Formations of Peripheral Capitalism.
34. Frank, Andre Gunder—On Capitalist Underdevelopment.
35. Ahluwalia, Montek, S. and Others—Growth and Poverty in Developing Countries (World Bank Staff Working Paper No. 309, Dec., 1978).

Paper IV—*Public Finance and Fiscal Policy*

1. Fiscal Institutions and their functions. Objectives of fiscal institutions. Public Vs. Private finance. Budget as an instrument of financial planning and management. Budget and National Income Accounting. Budget preparation and execution in India.

2. Theories of Budget Determination. Theory of collective wants, public goods and merits goods. Welfare theories; Political process and the budget. Theory of representative democracy. Interest groups and group interest.

3. Incidence and Effects of Budgetary Instruments.—Concepts of Incidence; Redistribution of income through public finance. Incidence in different market structure. Shifting of the burden. Incidence of individual taxes. Effects of fiscal measures on supply of resources and output. Fiscal Measures to promote employment, investment and output.

4. Expenditure structure. Positive approach to the study of public expenditures—Public expenditure structure and growth. Time series and cross-sectional view. Indian case. Principles of Expenditure evaluation, Cost-Benefit Analysis. Evaluation under uncertainty and risk. General case studies and Indian case studies of public expenditure appraisal. Programme budgeting.

5. Revenue Structure—Positive approach to the study of taxation—Taxable capacity, Tax structure changes in economic growth. Indian tax system. Issues of ideal tax system—Normative theories of taxation. Benefit and Ability to Pay principles. Principles of Equity and Justice in taxation. Trade off between equity and efficiency. Avoidance of excess burden. Fiscal illusion. Ideal tax bases and rate structure. Measures of ability to pay. Progressive rate structure.

6. Individual Taxes in India. Personal Income tax, Agricultural Income-tax, and Taxation of corporate incomes. Taxable Incomes, rationale of rate structure, tax treatment of depreciation and other expenses. Wealth and property taxes. Taxation of expenditure. V.A.T. Taxes on goods and Services such as Customs, Excises, Sales taxes and Octroi.

7. Fiscal Federalism in India.

Assignment of Functions and sources of revenues. Problems of state taxation. Finance Commission and the Planning Commission. Revenue Devolutions and Grants. Problems of Poor States. Centre-State financial relations. Problems of State-local financial relations.

8. **Financing of Public Sector Plan in India—Integrated approach to Planning and budgeting, Sources of finances for Plan finances in a federal economy. Problems of Additional Resources Mobilization.**

9. **Fiscal stabilization—Objectives of fiscal policy. Fiscal Multipliers. Automatic Vs. Discretionary stabilization. Built in flexibility. Functional Finance. Methods of Measuring deficit or surplus. Fiscal policy during planning in India. Economics of public debt. Burden Controversy. Principles of debt management. Trends and composition of Indian Public debt.**

10. **Further Policy Issues. Problems of Local Finance in India. International Public Finances. Tax-Co-ordination. Price policy of public enterprises. Financial control and delegation of financial powers. System of public accounts, audits, and financial management in India and system.**

Reading List

1. American Economic Association—Readings in Economics of Taxation.
2. American Economic Association—Readings in Fiscal Policy.
3. Houghton (Ed.)—Readings in Public Finance.
4. Musgrave, R. A.—Theory of Public Finance.
5. Musgrave and Musgrave—Public Finance and Policy.
6. Musgrave—Fiscal Systems.
7. Hinriches—Theory of Tax Structure Change.
8. Margolis & Guitton (Ed.)—Public Economics.
9. Lakdawala D. T.—Union State Financial Relations.
10. Hanson, A. H.—Monetary Theory and Fiscal Policy.
11. V. P. Gandhi—Aspects of India's Tax Structure.
12. Chelliah—Fiscal Policy in Under develop Economy.
13. Kaldor—Expenditure Tax.
14. V. V. Borkar—Income Tax Reform.
15. U. N. Budgetary Structure and classification of Govt. Accounts.
16. Thavaraj—Financial Management of the Government.
17. G.O.I.—Reports of the Finance Commissions.
18. Turvey (Ed.)—Public Enterprises.
19. Gupta, A. P.—Fiscal Policy for Employment Generation.

20. Tripathi—Local Finances.
21. Peacock & Shaw—Fiscal Policy.
22. Buchran—Fiscal Theory and Political Economy.
23. Willam, A. and Anderson, R.—Efficiency in the social services.
24. Breton—The Economic Theory of Representative Government.
25. Layard (Ed.)—Cost Benefit Analysis.

Qualifying Tests in Mathematics and Statistics : Elementary Level.

1. The real number system—variable, constants, parameters, equations and identities—The concept of sets—Relations and functions—Equivalence and order relations—Types of functions—Functions of two or more independent variables.

2. Limits and continuity of functions—The fundamental notion of a limit—Limiting and approximate values—Some properties of limits—The continuity of functions—Types of discontinuity —Multi-valued functions.

3. Functions and diagrams in economic theory—Demand functions and curves—Total revenue functions and curves—Cost functions and curves —Other functions and curves in economic theory—Indifference curves.

4. Derivatives and their interpretation—The techniques of derivation—Applications of derivatives—Maximum and minimum values—Points of inflexion—Monopoly problems in economic theory—A note on necessary and sufficient conditions—Logarithmic derivation—The evaluation of elasticities—Partial derivatives and their applications—Homogeneous functions—Euler's theorem—The linear homogeneous production function—Differentials and differentiation.

5. Indefinite integrals—The nature of integrals—Indefinite integrals and inverse differentiation—Basic rules of integration—Definite integrals—Meaning of definite integrals—A definite integral as an area under a curve—Some properties of definite integrals—The fundamental theorem of integral calculus (statement only).

6. Matrix algebra—Matrices and vectors—The algebra of matrices—Commutative, associative and distributive laws—Identity matrices and null matrices—Transposes and Inverses—Rank of a matrix—Basic properties of determinants—Finding the inverse matrix—Cramer's rule.

7. Classification and presentation of statistical data—Measures of central tendency—Measures of dispersion—Measures of Skewness and Kurtosis —Moments.

8. Elementary probability theory—Empirical and classical definitions of probability—Mutually exclusive events—Theorems on probability—Mathematical expectation—Sample space—Venn diagrams—Conditional probability—Independent Events—Bayes theorem (statement only)—The Binomial, Poisson and the Normal distributions.

9. Regression and Correlation—Functional relations among variables—The choice of a functional relation—Curve fitting—Simple linear regression—The two variable regression model—The method of least squares—Graphical interpretation of the method of least squares—Concepts of regression analysis—The coefficient of correlation—The interpretation of rank correlation—Concepts of correlation analysis—Association and contingency tables.

10. Time series Analysis—Nature and decomposition of a time series—Trend, cyclical, seasonal and random components—Analysis of trend—Fitting trend curves : linear and non-linear—Moving average methods—Deseasonalization of time series data.

Reading List

1. Allen, R. G. D.—Mathematical Analysis for Economists.
2. Averill, E. W.—Elements of Statistics.
3. Chiang, A. C.—Fundamental Methods of Mathematical Economics.
4. Clarke, C. E.—An Introduction to Statistics.
5. Erricker, B. C.—Advanced Central Statistics.
6. Freund, J. E.—Modern Elementary Statistics.
7. Nagar, A. L. and Dass R. K.—Basic Statistics.
8. Ostle, B.—Statistics in Research.

Group II

The topics listed in sub-groups (1) to (6) are to be studied with reference to Indian conditions.

Group I

(1) AGRICULTURAL ECONOMICS

Paper I—*The Agricultural Economy*

Section I

1. Introduction—Delimitation of the agricultural sector—Special Characteristics of agriculture as an economic enterprise—Agricultural resources of India.

2. The concept of a market economy—Basic assumptions of commercial agriculture.

3. Demand for farm products—Price elasticity and income elasticity—Measurement of elasticities—Factors affecting demand for food and effects of change in them (e.g. population, income, income distribution, tastes, knowledge regarding nutrition etc.).

4. Production for farm products—Production decisions of a rational farmer—Production functions—Measurement of marginal products—Production elasticities—Shares of factors—Elasticities of substitution—Returns to scale—Economics of the size of the farm with reference to India—Empirical results of Indian studies on production functions and resource allocation—Farm management and budgeting.

5. Theory of location of crops—Analysis of situation in Indian agriculture.

6. Supply of Individual crops and aggregate supply—Cobweb models—Distributed lags—Irreversibility of supply elasticities—Factors affecting long term supply.

7. Behaviour of agricultural prices—Short run price and income instability in agricultural sector—Terms of trade: definition, measurement, secular trend—Role of public price and distribution policy—Illustrations from Indian experience.

Market supply with in the production period—Backward bending market supply curve—Specification of market supply functions—Market organization and structure—Marketing efficiency—Studies relating to Indian Agricultural produce markets—Theory of futures trading—Indian futures markets—Co-operative marketing—Indian Experience with co-operatives.

Section II

8. Land Market: Characteristics of a land market—Functioning of the land market in India—Legal and other restrictions on the land market—Types of agricultural leases—lease market in India—Economics of share tenancy—Share tenancy in India.

9. Labour market: Characteristics of the agricultural labour market—Types of employer—employee relationships covering bonded labour—Concepts of employment—Types of employment—Disguised unemployment and under-employment—The Indian situation.

10. Credit market: Characteristics of the credit market—Organised and unorganised markets—Rural money market and the money-lender—Organized credit structure (*e.g.* Co-operatives, commercial banks etc.) in India and its problems.

11. Non-capitalistic farming systems: Characteristics of tribal agricultural economy. Theories of peasant economic systems—Traditional Indian village economy—Traditional forms of co-operative production. Feudal and semi-feudal modes of production. Subsistence agriculture Co-operative, collective, commune and state farming systems.

12. Political economy and sociology of Indian Agriculture. Rural class structure and power relations. Influences of caste and other social institutions Traditional beliefs and economic motivation of farmers.

Reading List

1. Cohen, R. L.—The Economics of Agriculture, Ch. I, Section 1.
2. Schultz, T.—Economic Organization of Agriculture, Chs. III, IV, V, VI.
3. Mellor, J. W.—The Economics of Agricultural Development Chs. 3 and 4.
4. Heady, E. O.—Economics of Agricultural Production and Resource Use.
5. Upton M.—Agricultural Production Economics.
6. Dunn, E.—The Location of Agricultural Production.
7. Thamarajkashi, R.—“Intersectoral Terms of Trade and Marketed Surplus of Agricultural Produce,” in Indian Society of Agricultural Economics, Comparative Experience of Agricultural Development in Developing Countries since World War II.
8. Behraman, J. R.—Supply Response in Underdeveloped Agriculture.
9. Sawant, S. D.—Supply Behaviour in Agriculture.
10. Lele, U.—Foodgrains Marketing in India.
11. Barlowe, R.—Land Resource Economics, Chs. 7 and 14.
12. Cheung S. N. S.—The Theory of Share Tenancy.
13. Thorner D. and A. Thorner—Land and Labour in India Ch. III.
14. Leibenstein, H.—Economic Backwardness and Economic Growth Ch. 6.
15. Eicher, Ansel—“Disguised Unemployment in Agriculture,” in Eicher K. and Kao and Witt. L. (Ed.), Agriculture in Economic Development.

16. Desai, A. R.—Rural Sociology in India, (1969) edition, Part II, sections IV, V and VI.
17. Deshpande, S. H.—Problems of Co-operative Farming.
18. Kumar, D.—Land and Caste in South India, Part I, Chs. II, III, IV.
19. Vakil, C. N. and Shah, C. H.—Agricultural Development of India : Policy and Problems Chs. 4, 7, 8, 13,.
20. Wharton, C. R.—Subsistence Agriculture and Economic Development.
21. American Economic Association—Readings in Agricultural Economics.

Paper II— *Development and Indian Agriculture*

Section I

1. Theories about role of agriculture in economic development. (Fei & Ranis, A. Lewis, J. Mellor etc.).
2. Theories of agricultural development (I. Schultz, V. Ruttan etc.).
3. Review of India's agricultural a growth— Contribution of various factors—Capital formation—Use of new technology—Foreign aid to Indian agriculture.
4. Effects of agricultural growth in India on :—
 - Employment
 - Wages
 - Income distribution
 - Surplus mobilization
 - Regional disparities
 - Foreign trade.

Section II

5. The agrarian structure—Land reform—Redistribution—Control or elimination of tenacy—Consolidation of holdings—Co-operative farming.
 6. Irrigation—Choice between major, medium and minor works—Fixation of water rates.
 7. Agricultural research—Wet and dry farming technologies—Mechanization—Organization of research—Returns of investment in research.
- Extension organization—Agricultural development administration—Community Development and Panchayati Raj framework.

8. Agricultural price policy—Food procurement and distribution—Buffer stocks—Agricultural Marketing and Processing.

9. Agricultural development projects and their evaluation.

Problem of surplus cattle.

Crop and Cattle insurance.

10. Special agricultural development Programmes—Programmes for weaker sections such as S.F.D.A., MFAL, employment schemes, tribal development plans minimum wages for labour.

Foreign trade in agricultural commodities.

Agricultural taxation and subsidies.

Reading List

1. Lewis, W. A.—“Economics Development with Unlimited Supplies of Labour,” The Manchester School of Economic and Social Studies, 1954.
2. Fei, C. H. and Ranis, G.—Development of the Labour Surplus Economy : Theory and Policy.
8. Jorgenson, D. W.—“The Development of a Dual Economy,” Economic Journal, Vol. 71, 1961, pp. 309-334.
4. Johnston B. F. and Southworth, H. N. (Eds.)—Agricultural Development and Economic Growth.
5. Thorbecke, E. (Ed.)—The Role of Agriculture in Economic Development (Section on “The Relationship between Agriculture and other sectors.”)
6. Ghosh, R.—Agriculture in Economic Development.
7. Shukla, T. (Ed.)—Economics of Underdeveloped Agriculture.
8. Hayami, Y. and Ruttan, V. W.—Agricultural Development : An International Perspective.
9. Schultz T.—Transforming Traditional Agriculture.
10. Mellor, J. W.—The Economics of Agricultural Development.
11. Gittinger, J. P.—Economic Analysis of Agricultural Projects.
12. Vakil, C. N. and Shah, C. H. (Eds.)—Agricultural Development of India, Chs. 1, 3, 5, 6, 12, 14, 18, 19, 23, 24.

13. Dandekar, V. M.—(on Cattle Problem)—Economic and Political Weekly Annual No. Feb., 1964, August, 2, 1969, Sept. 27, 1969.
14. Dandekar, V. M.—Crop Insurance for Developing Countries.
15. Roumasset, J.—The Case Against Crop Insurance in Developing Countries.
16. Mellor, J. W. Weaver, T. F., Leele U. J. and Simon, S. R.,—Developing Rural India : Plan and Practice, Parts I and V.
17. Khusro, A. M. (Ed.)—Readings in Agricultural Development (Section on "Agrarian Reforms and Institutional Change").
18. Report of the Committee on Agricultural Taxation (Raj Committee).
19. Meir, G. M.—The International Economics of Development, Ch. 9.
20. Foreign Trade Review, Vol. 11, No. 4, Jan-March, 1977.
21. Berry, A. R. and Cline, W. R.—Agrarian Structure and Productivity in Developing Countries.

(2) Industrial Economics

Paper I—*Industrial Economics*

1. Concept : Plant, Firm, Business House, Industry and Industrial Sector.

Economics of Scale : Concept—U-Shaped and L-shaped Curves—Techniques of Measurements—Empirical Evidence and Its Implications.

Technology : Meaning of Choice of Techniques—Issues and Areas of Choice—Empirical Evidence—Traditional, Latest, Intermediate and Appropriate Technologies.

2. Theory of Firm and Pricing : Objectives of the Firm—Growth of Firms—Marginal Cost Vs. Full Cost Pricing—Depreciation—Allocation of Common Costs among Individual Products—Administered Prices—Price-fixation in India Industry—Pricing Power and Public Interest.

Investment Decision : Conventional and Modern Methods—Risks and Uncertainty—Sensitivity Analysis—OECD and UNIDO Approaches.

3. Industrial Organization : Market Structure, Market Conduct and Market Performance—Interrelations—Relevance of Industry Studies for Public Policy.

4. Financial Statements—Construction and Interpretation—Ratio Analysis.

Corporate Form of Organization : Features—Methods of Control—‘The Divergence Problem’—Traditional Vs. Present day Capitalism—Growth and Structure of the Indian Corporate Sector.

Industrial Finance : Types of Finance—Money and Capital Markets—Commercial and Development Banks—All-India Development Banks : Objectives and Functioning—Impact of these Institutions on the Financial Structure of the Corporate Sector and Its Implications.

5. Location and Regional Development : Industrial Location : Theories and Factors—Measures of Localisation—Regional Growth of Industry in India—Tools of Public Policy—Indian Policy on Backward Areas..

6. Small Industry : Types of Small Industry—Importance in the Indian Economy—Problems—Case for Small Industry—Postulates and Empirical Evidence—Policy Measures and their Evaluation.

7. Monopoly and Concentration : Concepts—Reasons for Concern—Measures of Monopoly and Concentration—Extent of Monopoly and Concentration in India—Non-legislative and Legislative Measures of Control in India—U.S. and U.K. Legislations—The Indian MRTP Act, 1969..

8. Public Sector : Rationale—Organization—Pricing Policies—The Question of Efficiency in the context of Special Constraints—Performance of Public Sector in India—The concept of Joint Sector.

9. Industrialization : Meaning—Criteria of Industrial Development—Arguments for Industrialization—Indian Industry in the World Industry—Patterns of Industrial Growth—Rural Industrialization.

Policy and Planning : Role of the State—Sectoral Priorities : Agriculture, Industry and Infrastructure—Industrial Growth and other Objectives : Harmony and Conflicts—Areas of Choice within the Industrial Sector : (a) Pattern—Heavy/Light Industry (b) Ownership—Public/Private Sector (c) Technique : Capital-Intensive/Labour-Intensive (d) Size of the Unit : Large /Small (e) Region : Concentrated/Dispersed (f) Openness : Closed/Open Economy (g) Trade : Import-Substitution/Export—Promotion—Tools of Public Policy.

Indian Experience : Industrial Policy Resolutions : Principle Objectives—Industry in the Plans—Industrial Development and Regulation Act, 1951, and other Major Regulations—Performance of Indian Industry in the Context of the Objectives of Growth, Efficiency and Other Social Objectives—Problems and Prospects of Indian Industry.

10 Other Current Problems such as Industrial Sickness, Capacity Utilization, Foreign Collaboration, Multi-nationals in India, Indian Joint-Ventures Abroad.

Reading List

1. Archibald, G. C.—The Theory of the Firm.
2. Bain, Joe S.—Industrial Organisation.
3. Berle and Means—The Modern Corporation and Private Property.
4. Jagdish Bhagwati and Padma Desai—Planning for Industrialization.
5. Bombay Stock Exchange Directory—Vol. I, Explanatory Notes.
6. Devine, P. J. *et. al.*—An Introduction to Industrial Economics.
7. Dunning, J. H.—The multi-national Enterprise.
8. Fog, B.—Industrial Pricing Policies.
9. Gupta, L. C.—The Changing Structure of Institutional Finance in India.
10. Hawkins, C. J.—Theory of Firm.
11. Hazari, R. K.—The Structure of the Corporate Private Sector.
12. Isard, Walter—Location and Space-Economy.
13. Marris, R.—The Economics of Capital Utilization.
14. National Bureau of Economic Research, U.S.—Cost Behaviour and Price Policy.
15. National Bureau of Economic Research, U.S.—Business Concentration and Price Policy.
16. Om Prakash—Theory and Working of State Corporation.
17. Reserve Bank of India—Financial Statistics of Joint-Stock Companies in India.
18. Sandesara, J. C.—Size and Capital-Intensity in Indian Industry.
19. Scherer, F. M.—Industrial Market Structure and Economic Performance.
20. Sutcliffe, R. B.—Industry and Underdevelopment.

Paper II—*Labour Economics*

1. Supply of Labour : By an individual—by a household—to an economy. Labour force participation rates by age, sex and income. Participation rates and economic development.

Classical theory of job-choice—Modern theory in terms of investment in human capital—Migration.

2. Demand for Labour : Marginal Productivity Principle—Keynesian Aggregate Demand.

Growth and Structure of employment in LDCs. Factors Limiting growth of employment—Quality of employment—Characteristics of the workforce in India.

3. Labour Markets : Function as an allocative mechanism—Performance—Labour Market under different degree of competition.

Segmented Labour Markets—The informal sector.

State and Labour Market Policy—Manpower Planning—Concept and Techniques.

4. Wage Determination : Classical (Smith, Ricardo, Malthus, Wage Fund, Marx.). Neo-classical (Clark, Hicks) and Bargaining Theories.

5. Wage Differentials : Interfirm, Inter-industry, Occupational and Regional.

Components of Wages—basic—dearness allowance—bonus—System of wage payment—Time and piece rates—Job evaluation—Fringe benefits.

Share of wages in national income—classical, neo-classical, Kalecki and post-Keynesian theories.

6. Trade Unions and Labour Movement : Theories of Labour Movement—Perlmern Webbs, Dunlop, Kerr Dunlop, Harbinson and Myers.

Growth and Structure of Trade Unions in India—International Comparison of Labour Movement, (USA, UK, USSR).

Effects of trade unions of level of wages, wage differentials and allocation of labour.

7. Industrial Relations : Role of Unions and Management.

Causes and consequences of industrial disputes, Machinery for settlement.

Role of the state.

Workers' participation in management.

8. Productivity, Prices and Wages : Productivity—Concepts, Measurements and Determinants—

Trends in prices, money and real wages in India— age differentials in India.

Prices, Incomes and Wages Policy in developed and underdeveloped economies.

9. Unemployment—Concepts, Measurements and Causes—Relation with Poverty—Characteristics of the Unemployed Policies.

10. Social Security and Labour Welfare : Evolution and approaches to social security, economic development and social security.

Social security and labour welfare in India.

International Comparisons (UK, USA, USSR).

Reading List

1. Cartler, A. M. —Theory Wages and Employment.
2. Dunlop, J. T. (ed.)—Theory of Wage Determination.
3. Flanders, A. (ed.)—Collective Bargaining.
4. Gajendragadkar—Report of the National Commission on Labour.
5. Hicks, J. R.—Theory of Wages.
6. John, C. K.—Unionism in a Developing Economy.
7. Jelly, *et. al.* (Ed.)—Third World Employment Problems and Strategy.
8. King, J. E.—Labour Economics.
9. King and Regan—Relative Income Shares.
10. Marshall and Perlman (Ed.)—Anthology of Labour Economics.
11. McConnel (Ed.)—Perspective on Wage Determinations—A Book of Readings.
12. McCormick, R. J. (Ed.)—Wages.
13. McCormick and Smith (Ed.)—Labour Market.
14. National Bureau of Economics Research—Aspects of Labour.
15. Poole, M.—Worker Participation in Industry.

16. Papola and Subramaniam—Wage Structure and Labour Mobility in a Local Labour Market.
17. Rees, A.—Economics of Trade Unions.
18. Rees, A.—Economics of Pay and Work.
19. Subramaniam, K. N.—Wages in India.
20. Sandesara and Deshpande (Ed.)—Wage Policy and Wage Determination in India : Principles and Practices.
21. Sen, A. K. Employment, Technology and Development.
22. Starding Guy—Labour Force Participation and Development.
23. Turner, H. A.—Wage Trends, Wage Policies and Collectives Bargaining : the Problems for Underdeveloped Countries.
24. Turner and Zoetewij—Prices, Wages and Incomes Policies in Industrialized Market Economies.
25. Todaro, M. P.—Internal Migration in Developing Countries.
26. Viaramani—Worker Participation in Management.
27. Vaid, K. N.—Labour Welfare in India.

(3) Monetary Economics and Central Banking

Paper I—*Macro-economics*

1. Relation between micro-economics and macro-economics—Classification and aggregation—Gross National Product and its constituents—National Income Accounting identities.
2. Theories of determination of real national income—Classical theory—Importance of Say's Law and modern versions—The Keynesian theory and its assumptions—Modern refinements to the Keynesian theory—Critique of Keynesian theory—Relevance of Classical and Keynesian theories under Indian setting.
3. Determinants of aggregate consumption—Consumption in a developed economy—Absolute *versus* relative income—Current *versus* permanent income—The life cycle hypothesis—The wealth-consumption ratio—The determinants of aggregate consumption in India—Role of size of population, volume of employment, level of conventional subsistence, the wage rate and wage hierarchy, the share of profits and government expenditure—Productive and unproductive consumption and their effects.

4. Savings and their determinants—Levels of Income, income shares and savings—Profits and savings—Time preference, interest and savings—Savings by sources : Household Government and Corporate—Savings behaviour in India—The role of Banking and Non-Banking financial institutions as savings mobilizers—Real cash balances effect at its limitations in India.

5. Investment and its determinants—Analysis of investment demand—Marginal efficiency of capital, its critique—The acceleration principle—Autonomous investment—Innovations, profits, expectations and investment—Investment behaviour in India—Barriers to investment—Role of Public Investment—Interdependence between Public and Private investment.

6. Relation between money and finance in a growing economy with special reference to India—Asset preferences and asset choice—Real assets, commodities, gold financial portfolios—Real costs of financial intermediation.

7. Fluctuations in Macro-economic activity—Measurement—Trends and cycles—Theories of business cycles : Malthus, Marx, Wicksell, Hawtrey, Hayek, Schumpeter, Hicks, Samuelson, Frisch, Hansen—Political Trade cycle—International transmission of cycles—Sectoral fluctuations in the Indian economy.

8. Types and Sources of Inflation—Theories of inflation—The inflationary—Inflation and asset preferences—Inflation and employment—Stagflation—International spread of inflation—Exchange rate policy and adjustment.

9. Components and inter-connections between macro-economic policies in developed and underdeveloped countries—Goals and instruments of macro-economics policy ; Full employment, allocative efficiency, accumulation and growth, inflation containment, stability—Conflicts between goals—Effects of policies : Main effects and side effects.

10. Stabilisation policies—Monetary policy—Targets and indicators—Control through money supply *versus* control through investment demand. Monetary policy and efficiency of the economic system—Monetary policy and growth—Monetary policy and inflation control—Fiscal policy : Deficits and money supply—Built-in flexibility and automatic stabilizers—Inventories and stabilization—Buffer stocks and buffer funds—Planning and stabilization.

Reading List

1. Schumpeter, J.—Business Cycles.
2. Hansen, A. H. : Business Cycles and National Income.
3. Rostow, W. W.—The National Economy.

4. Friedman, M.—The Theory of the Consumption Function.
5. International Economic Association—Micro-economic Foundations of Macro-economics.
6. Brahmananda, P. R.—The Falling Economy and How to Revive It.
7. Reserve Bank of India—Recent Developments in Monetary Theory and Practice.
8. Kalecki, M.—Theory of Economic Dynamics.
9. Haberler, G.—Prosperity and Depression.
10. Estey—Business Cycles.
11. Krishnamurthy and Sastry—Investment and Financing in the Corporate Sector in India.
12. Brahmananda, P. R.—Determinants of Real National Income and Price Level in India.
13. Indian Economic Association—Savings Behaviour in India.
14. Krause (Ed.)—World Inflation.
15. Harrod, R. F.—Towards a Dynamic Economics.
16. Keynes, J. M.—The General Theory.
17. Smith and Tiegen (Ed.)—Money, National Income and Stabilisation Policy.
18. Lekachman, (Ed.)—Keynes' General Theory.
19. Gibson and Kayfman—Monetary Economics—Researches in current Issues.
20. Ball and Doyle (Ed.)—Inflation.
21. American Economic Association—Readings in Business Cycle Theory.

Paper II—*Central Banking*

1. Evolution of Monetary Management—Credit, stocks and production—Money supply, financial portfolio, growth and development—Role of Central Banking in economic development—Central Banking and credit-regulation—Different view-points—The currency and the credit schools—Real bills doctrine—Quantitative *versus* Qualitative controls—Radcliffe Committee viewpoints—Subsidised credit—Credit for priority sectors.

2. Bank of England and its monetary policy operations—Recent changes in London Money market—Recent trends in monetary policy in England—Federal Reserve System—Banking and monetary policy in the U.S.—New York money market—Central Banking in France and Germany.

3. Techniques of credit-regulation—Availability and terms of credit supply—Bank reserves and Money supply—Special deposits—Liquidity Ratio variation—Immobilisation—Open market operations—Central Bank lending rates—Role of Bank Rate—General *versus* Selective controls—Credit control and trade cycle—Credit allocation and economic planning—Competition in credit.

4. Theoretical foundations of monetary policy—Various approaches—Monetary policy and money markets—Channels of Monetary Policy—General liquidity *versus* Money supply—Interest policy and incentive effects—The package approach.

5. Monetary policy and debt management—Interaction between monetary, fiscal and incomes policy—Instrument effects of different policies—Criteria of optimum monetary systems—Rules *versus* Authorities—An autonomous Central Bank—Modus operandi of the Ceiling Rule.

6. The credit system in India—Evolution of Agencies—Reserve Bank of India—A brief history—Regulatory and promotional role—Credit policy and credit instruments—Money and capital markets—Organised and unorganised segments—The bond market in India—Commercial Banking Structure—Nationalised banks—Performance—Rural branches and rural credit—Co-operative Banking Structure—Co-ordination between commercial, co-operative and regional rural banks—Non-bank, Financial Intermediaries in organised and unorganised sectors.

7. Monetary Policy in India : Money supply and its variations—Analysis of causal factors determining money supply—Velocity variations and reasons thereof—Monetary policy and control of the price-level—Credit planning and credit allocations—Credits for different sectors and terms—Trends in Interest rate structure and interest rates—Interest rate policy—Interconnections between interest rates—Money and gold in India—Monetary policy and the savings—Investment process—Monetary policy and budgetary policy—Fiscal goals—Constraints on monetary policy—Appraisal of monetary policy under the Plans—Monetary policy and development promotions.

8. Structural-efficiency of the Indian monetary system—Altering portfolio preferences—Weaning people from gold and real assets—Policies for development of Monetary Institutions—Term credit and specialised Financial Institutions like IDBI, IFC, etc.—Social goals of bank nationalisation—Real cost of financial-servicing—Monetary integration—Structural reform of the Banking system—Integration of credit Agencies—Efficiency in banking services.

9. Interrelations between different monetary systems under different inter-national standards—Autonomy of money supply and monetary policy under an open economy—Effects of International spread of price-level movement—The Inter-national Money and Capital markets—Role of IMF, IBRD and other institutions—The Euro-dollar market—Causes and sources of World Inflation—Reforming the international monetary order—Criteria of an optimum international monetary system—India's attitude regarding the latter.

Reading List

1. Annual Reports of I.M.F. and Per Jacobsson—Foundation Lectures.
2. Basu, S. K.—A Survey of Contemporary Banking Trends.
3. Chandler, L. V.—Central Banking and Economic Development.
4. Crick, W. F.—(Ed.)—Commonwealth Banking Systems.
5. De Kock, M. H.—Central Banking.
6. Goldsmith, R.—Financial Structure.
7. Hayek, F.—Denationalization of Currency.
8. Keynes, J. M.—A Treatise on Money.
9. Madan, B. K.—Aspects of Economic Development and Policy.
10. Muranjan, S. K.—Modern Banking in India.
11. Prochnow, H. V.—The Federal Reserve System.
12. Rao, B. R.—Evolution of Central Banking in India.
13. Reports of the Banking Commission (R. G. Saraiya) and Its Committees.
14. Shaw, E. S.—Financial Deepening.
15. Sayers, R. S.—Modern Banking.
16. Sayers, R. S.—Central Banking after Bagehot.
17. Sayers, R. S. (Ed.)—Banking in the British Commonwealth.
18. Simha, S. L. N.—Essays in Finance.
19. U. K. Government—Radcliffe Committee Report ; and Memoranda and Evidence.
20. Report of Radcliffe Committee.
21. Franks, Oliver—Some Reflections on Monetary Policy in the light of the Radcliffe Report.

Group II

(4) *Demography*Paper I : *Demographic Analysis*

1. Sources of demographic data in India and elsewhere—Population Census Method,—Method of registration of vital events—Continuous population registrars—Demographic surveys and special studies.

2. Basic principles of measurement of population growth—Estimates from censuses, vital registers and records of migration.

3. Population composition—its demographic, social and economic characteristics—Need for a technique of standardization—Ageing of population and other effects of components of population change on population composition.

4. Need for and technique of evaluation and adjustment of population data—Testing enumeration of population in a census—Testing enumeration of children under five—Measuring errors in age reporting and adjustment of age data.

5. Mortality—Measures of mortality, crude rates, specific rates, the life table—Factors affecting mortality—Levels and trends in mortality in developed and developing countries—Infant mortality.

6. Fertility : Measures of fertility and reproduction, crude and specific rates, gross and net reproduction rates—Factors affecting fertility—Levels and trends in fertility in developed and developing countries—Differential fertility.

7. Migration : Measures of internal and international migration—Indirect methods of estimating migration—Factors affecting migration—Characteristics of migrants ; Selectivity and differentials—Migration and differentials—Migration and mobility of labour.

8. Urbanization : Concepts, definitions and measures—Levels and trends of urbanization in developed and developing countries.

9. Population projections—Methods of population projections—Projections of future world population and their social and economic implications—Use of projections in developmental planning—Use of projection techniques for estimating future labour force, child and old age dependency and requirements of educational facilities and housing.

Reading List

1. **Ambannavar, J. P.**—Population : Second India Studies.
2. **Barclay, G. W.**—Techniques of Population Analysis.
3. **Bose, Ashish**—Studies in India's Urbanization 1901—1971.
4. **Bose, Ashish, et. al.**—Studies in Demography.
5. **Connel, John et. al.**—Migration from Rural Areas—The Evidence from Village Studies.
6. **Davis, Kingsley**—The Population of India and Pakistan.
7. **Hauser, Philip M. and Duncan Otis Dudley**—The Study of Population, An Inventory and Appraisal.
8. **Office of the Registrar General of India :—**
 - (i) **Schwastzber, Joseph E.**—Occupation Structure and Level of Development in India—A Regional Analysis.
 - (ii) **Visaria, Pravin M.**—The Sex Ratio of the Population of India.
 - (iii) **Sinha, J. N.**—The Indian Working Force (It's Growth and Composition).
 - (iv) **Civil Registration System in India—A Perspective.**
 - (v) **Srivastava, S. C.**—Indian Census in Perspective.
9. **Shryock, H. S. and Seigel, Jacob, S. and Associates**—Methods and Materials of Demography.
10. **Spiegelman, Mortimer**—Introduction to Demography.
11. **Spengler, Joseph J. and Duncan Otis Dundley**—Demographic Analysis—Selected Readings.
12. **United Nations—**
 - (i) **Manual I. Methods of Estimates Total Population at Current Dates.**
 - (ii) **Manual II—Methods of Appraisal of Quality of Basic Data for Population Estimates.**
 - (iii) **Manual III—Methods of Population Projections by Sex and Age.**
 - (iv) **Manual VI—Methods of Measuring Internal Migration.**
13. **Zachariah, K. C.**—Migrants in Greater Bombay.
14. **Agarwala, S. N.**—India's Population Problems.

15. Bogue, Donald J.—Principles of Demography.
16. Mitra, Ashok—India's Population—Problems of Quality and Control.
17. Office of the registrar General and Census Commissioner, India, CICRED Ser'es—The Population of India.
18. United Nations—The Determinants and Consequences of Population Trends.
19. United Nations—Multilingual Demographic Dictionary.

Paper II—*Economic Demography*

1. World Population—Past, Present and Future with special reference to developed and developing countries—Population trends in India.

2. History of Population Theories—Pre-Malthusian theories Malthusian theory—Neo-Malthusianism and Marixt Approach—Optimum Population theory.

3. Demographic Transition Theory—Leibenstein's Critical Minimum Effort Thesis.

4. Economic and other theories of Fertility—Becker's theory and further developments—Economic value of children and fertility.

5. Inter-relationship between Population and Economic Development. Effect of Population growth or per capita income, saving, investment, allocation of resources, size of the labour force etc. The controversy as to whether population growth is conducive to economic development or an obstacle to it.

Effect of economic factors on components of population change (fertility, mortality and migration).

6. Economic implication of population change with special reference to Asian countries in general and India in particular—Population and resources—Population and food supply—Population and extent of poverty.

7. Economically Active Population—Basic concepts and Definitions—Impact of demographic processes on the size and composition of labour force—Femal participation in labour force—concepts of length of working life and gross years of active life—Distribution of work force by industry, occupation and class of worker status at different levels of Economic development.

8. Employment and manpower Planning—its significance and problems—Measurement, Incidence and Implications of Unemployment and Under-employment with special reference to India—Problems of Employment Policy in Developing Countries.

9. Population Distribution and Redistribution—Factors affecting regional variations in population distribution—Economic and other theories of migration—Population distribution and regional development with special reference to India.

10. Need for population Policy—Experience in different countries—Economics of Population Control—Enke's approach—Cost-benefit and Cost-effectiveness analysis of family planning programmes—Coale and Hoover study and other studies with growth model approach—"Bucharest Controversy"—India's Population Policy.

Reading List

1. Bairoch, Paul—Urban Unemployment in Developing Countries.
2. Ashish Bose, *et. al*—Population in India's Development 1947—2000.
8. Coale, Ansley J. and Hoover, Edgar M.—Population Growth and Economic Development in Low income countries.
4. Coale, Ansley (Ed.)—Economic Factors in Population Growth.
5. Durand, J. D. —The Labour Force in Economic Development : An International Comparison of Census Statistics.
6. Easterlin, Richard A. (Ed.)—Population and Economic Change in Developing Countries.
7. International Labour Office :
 - (i) Measurement of Underemployment : Concepts and Methods.
 - (ii) Employment Growth and Basic Needs.
 - (iii) Towards Full Employment.
8. Jolly, R. *et. al* (Ed.)—Third World Employment : Problems and Strategy—Selected Readings.
9. The National Academy of Sciences : Rapid Population Growth : Consequences and Policy Implications.
10. National Bureau of Economic Research—Economic and Demographic Change in Developed Countries.
11. Simon, Julian, L.—The Economics of Population Growth.

12. Standing, Guy—Labour Force Participation and Development.
13. Tabah, Leon (Ed.)—Population Growth and Economic Development in the Third World.
14. United Nations :
 - (i) Measures, Policies and Programmes Affecting Fertility with Particular reference to National Family Planning Programmes.
 - (ii) Demographic Aspects of Manpower, Sex and Age Patterns of Participation in Economic Activities.
 - (iii) Report of the World Population Conference, Bucharest, 1974 : The Population Debate : Dimensions and Perspectives.
15. Visaria, Pravin M.—A Survey of Research in Employment in India.
16. Watson, Walter B.—Family Planning in the Developing World, A Review of Programmes.
17. The World Bank—India's Population Policy : History and Future.
18. Agarwala, S. N.—India's Population Problems.
19. Bogue, Donald J.—Principles of Demography.
20. Mitra, Ashok—India's Population—Problems of Quality and Control.
21. Office of the Registrar General and Census Commissioner India : CICRED Series—The Population of India.
22. United Nations—The Determinants and Consequences of Population Trends.
23. United Nations—Multilingual Demographic Dictionary.

Group II

(5) Economics of Infrastructure and Services

Paper I—*Economics of Public Utilities and Transport*

1. The Economic significance and distinguishing characteristics of public utilities. The peak problem. Load and Diversity factors. The cost and efficiency aspects and rate making in public utilities.

2. Basic characteristics of electric power systems. Demand for electricity. Bulk supply and price of electricity. Problems of expansion. An overview of power development in India with special reference to rural electrification.

3. The exploitation of natural gas. The problem of gas distribution. The pricing problem of natural gas. Marginal cost in the supply of gas to consumers. Performance and prospects of the oil and gas sector in India. Water utilities as monopolies. Water utilities and municipal ownership. Financing water utilities. Urban water supply and sewerage. Rural water supply. Planning for water resources in India.

4. Rate making in telephone utilities. Service standards. Decreasing cost principal and the telephone industry. Development industry. Characteristics of postal services. Criteria for fixation of postal rates. Costs, investment and efficiency of postal services. Evolution of Postal Services in India.

5. Transport as a public utility. Characteristics of transport demand. Transport costs and pricing problems. Cost structure demand for different modes of transport. Pricing of transport services. Principles of cost of services and value of service. Discriminatory pricing. Freight classification. Evolution of freight and passenger tariff structure. Marginal cost *Vs.* average cost pricing.

6. Railways—Nature of Cost, Railway monopoly and public service obligation. Indian Railways. Development and organisation. Evolution of railway rates structure. Management and Finance. Special operational Problems. Trends and composition of rail traffic.

7. Road transport. Roads in India—their classification and financing. Road transport industry—growth, structure and regulation. Road transport taxation and allied problems. Growth and Working of State transport undertakings. Rural transport in India. Urban transport. Deficiencies in urban transport systems. Alternative means of restraining traffic. Concept of value of travel time Savings. Problems of freight terminals. Special problems of India metropolitan cities. Pipelines and Ropeways in India.

8. Water transport. Recent trends in world shipping. Economics of the shipping industry. Principles of chartering. Organisation of shipping conferences. Ocean freight rates for liners and tramps. Bilateral and multi-lateral shipping agreements and their role in the Indian context. The world tanker industry. Problems of increasing India's share in world tonnage. Problems of Indian ship building industry. Role and difficulties encountered by coastal shipping in India. Problems of ports and harbours in India. Inland waterways: Problems and proposals.

9. Air transport. Airports and their mode of operation. Problem of route planning and choice of aircraft. Rate fixation and International Air Transport Association. Development of Civil Aviation in India. Working of public sector undertakings in air transport.

10. Problems of transport planning. Transport and location of economic activities. Transport and social mobility. Economic appraisal of transport projects. Social cost-benefit analysis. Objectives, methods and problems of transport co-ordination. Regulation of inter-modal competition.

Reading List

1. R. Turvey—Economic Analysis and Public Enterprise.
2. James T. Kneafsey—Transportation Economic Analysis.
3. P. Prasad—Economic Problems of Public Enterprises in India.
4. O. Eckstein—Water Resource Development.
5. D. Philip Locklin—Economics of Transport.
6. R. Dorfman—Measuring the Benefits of Government Investment.
7. Hugh S. Norton—Modern Transport Economics.
8. J. L. Hazard—Transportation—Management, Economics, Policy.
9. R. Turvey and D. Anderson—Electricity Economics.
10. M. T. Farris and R. J. Sampson—Public Utilities.
11. Turvey, R. (Ed.)—Public Enterprises.
12. Reg. Eco. Co-operation Series No. 5—1968—Shipping and Ocean Freight Rates.
13. S. N. Sanj lecha—Tramp Shipping in India.
14. C. O'Loughlin—The Economics of Sea Transport.
15. K. M. William—Transport and Public Policy.
16. Dudley F. Pegrum—Transport Economics and Public Policy.
17. A. R. Prest—Transport Economics in Developing Countries.
18. Meyer, Kain, Wohl—The Urban Transportation Problem.
19. A. W. Nawab—Economic Development of Indian Air Transport.
20. J. W. S. Brancker, A. W. Slithoff—I.A.T.A. and What it does.
21. H. Georgi—Cost Benefit Analysis and Public Transport.
22. C. Buchanan—Traffic in Towns.
23. James Bird—Seaports and Seaport terminals.
24. Denys, Munby (Ed.)—Transport.

Government of India Reports

25. Tarloksingh—Final Report, Committee on Transport Policy and Co-ordination, 1965.
26. Keskar—Transport Taxation Enquiry Committee, 1966.
27. Pande—National Transport Policy Committee, 1980.
28. Rajadhyaksha—Air Transport Enquiry Committee.
29. Planning Commission J. T. G.—on Transport Policy.
30. Regional Transport Surveys—Summary.
31. Venkatraman—Price Policy of Electricity Undertakings.
32. V. K. R. V. Rao—Gujarat Gas Price Award.
33. S. Chakravarty—Fuel Policy Committee.

Paper II—Economics of Social Infrastructure

1. Economic significance of social infrastructure, such as education, health, nutrition, environment, in a developing economy. Development of the social infrastructure in India.

2. Economics of Education : Significance of education in economic growth. Education as consumption or investment ; Education as an agent for skilled manpower development.

3. Planning of Education : Resource allocation decisions. Approaches to educational planning—social demands, rate of return and manpower requirements approaches. The Quantity, Quality and Equality problems in Indian education.

4. Economics of Health and Nutrition—Welfare economics of medical care. Health as investment. Planning care in India. Resource allocation to health and nutrition. Measuring the effectiveness of public health and medical care systems. Location of medical personnel. Locational dimension of planning health care. Malnutrition and poverty. Resource requirements for meeting nutritional needs in India.

5. Economics of Environment—Socio-Economics and Cultural basis for the ecological crisis. Implications of Urbanization and Industrialization in India. Problems of environmental improvement. Air and water Pollution, Noise annoyance, slums, Forest depletion, soil erosion. Resources development and the Environmental problem. Policies for environmental protection. Costs of such policies. Growth and distribution of environmental services.

6. Pricing of Social Services—Fees, Cesses and charges. Principles of price fixation and their socio-economic implications.

7. Financing and Organization of the supply of social services. Earmarked Vs. General fund financing. Public sector Vs. private sector financing. Problem of compulsion and nationalization in education, health and environmental improvement. Plan allocations and organizational structure for the development of social services in India.

8. Micro-Economics of the development of social services. Educational institution or hospital as a non-profit decision making unit. The Concept of internal efficiency and problems of planning of the individual units. Co-ordination of micro-macro aspects.

9. Integration of economic and social development. Equity-efficiency quandary. Social overheads and economic developments during the plan period in India.

Reading List

1. Mark Blaug —Introduction to Economics of Education.
2. Mark Blaug (Ed.)—Economics of Education Vol. KI and Vol. II.
3. Mark Blaug *et. al.* —The Cause of Graduate Unemployment in India.
4. J. P. Naik—Equality, Quality and Quantity.
5. A. B. Shah (Ed.)—The Social Context of Education.
6. P. R. Pancharukhi—Economics of University Finances—Basic Principles and Practice.
7. H. N. Pandit (Ed.)—Cost Productivity and Efficiency of Education.
8. Cooper and Culyer (Ed.)—Health Economics.
9. Klurman : Economics of Public Health.
10. M. Perlman (Ed.)—Economics of Health and Medical Care.
11. Report of the Education Commission 1964—66 GOI.
12. Report of Health Development and Planning Committee (Mudaliar Committee) G.O.I.
13. Journal of Political Economy May, June 1972 (Efficiency—Equity Quandary).
14. Nijkamp (Ed.)—Environmental Economics, Vol. I, and II..
15. Savage, *et. al.*—Economics of Environmental Improvement.
16. Dorfuran and Dorfuran (Ed.)—Economics of the Environment.
17. H. Jerret (Ed.)—Environmental Quality in a Growing Economy.
18. Reutlinger and Selowsky (Ed.)—Malnutrition and Poverty.
19. Alan Berg —The Nutrition Factor : Its role in National Development.

(6) International Economics

Paper I—Pure Theory of International Trade

1. The Theory of International Specialization and Exchange: The classical theory of comparative advantage: Ricardo, Mill, Grahman, Real cost and opportunity cost approaches—Factor endowments and international trade—Heckscher—Ohlin and Rybczynski theorems—Factors endowment and factor prices—Extensions of Heckscher-Ohlin model—More than two factors or goods—Intermediate goods—Non-traded goods—General equilibrium model of trade—Other explanations of trade: availability and vent-for-surplus—Empirical verification of Ricardian, Heckscher-Ohlin and other explanations of trade.

2. Gains from Trade: The gains from international trade—Production and consumption effects—Social indifference curves—Optimality of free trade Trade Vs. Autarky—restricted trade Vs. autarky—Commonality, income and factorial terms of trade—Terms of trade and gains from trade.

3. International Trade and Factor Mobility: International capital movement—Direct and Portfolio Investment—Transmission of technology—Multinational firm—The transfer problem in the pure theory of international trade.

4. Tariffs and Protection—Theory of tariffs—Tariffs and terms of trade Tariffs and real income—Optimum tariffs—Symmetry between import and export taxes—Tariffs and taxes in the presence of domestic distortion—Quotas and other non-tariff measures—Tariff structure and effective rate of protection—Customs unions —EEC.

5. Trade and Growth—International trade and economic growth—Role of factor accumulation and of technical progress—Economic growth and the terms of trade—Immiserizing growth—Lesson from—Trade and Growth—Historical Perspective.

6. Trade and Less Developed Countries: Nature of trade—Terms of trade—Export earnings instability—Trade between less developed and developed countries—Unequal exchange Prebisch-Singer hypothesis—Brain Drain.

7. Trade in development strategies of LDC—Trade policies of developed and less developed countries—Trade, aid and development—IBRD—GATT and less developed countries—Regional integration—UNCTAD.

8. India's Trade Since Independence—Trends and composition of export and imports—Terms of trade—Direction of trade—Factors affecting exports and imports—Export and import policies—Trade agreements—Trade in India's development strategy.

Reading List

1. American Economic Association—Readings in the Theory of International Trade.
2. American Economic Association—Readings in International Economics.
3. Jagdish N. Bhagwati—International Trade—Selected Readings.
4. R. E. Caves—Trade and Economic Structure.
5. W. M. Corden : Recent Developments in the Theory of International Trade.
6. G. Haberler—A Survey of International Trade Theory.
7. G. Haberler—Theory of International Trade.
8. J. Viner—Studies in the Theory of International Trade.
9. F. D. Graham—The Theory of International Values.
10. B. Ohlin—Interregional and International Trade.
11. S. Mookerjee—Factor Endowments and International Trade.
12. R. Bharadwaj—Structural Basis of India's Foreign Trade.
13. S. B. Linder—An Essay on Trade and Transformation.
14. C. P. Kindleberger—The Terms of Trade—A European Case Study.
15. J. E. Meade—Trade and Welfare.
16. W. M. Corden—The Theory of Protection.
17. B. Balassa—The Structure of Protection in Developing Countries.
18. I. Little, T. Scitovsky and M. Scott—Industry and Trade in Some Developing Countries.
19. J. N. Bhagwati and P. Desai—India : Planning for Industrialization Industrialization and Trade Policies since 1951.
20. G. Myrdal—Asian Drama—An Enquiry into the Poverty of Nations.
21. G. M. Meier—The International Economics of Development.
22. B. O. Sodersten—International Economics.
23. A. Emmanuel—Unequal Exchange.
24. D. Nayyar—India's Exports and Export Policies in the 1960's.
25. M. C. Kemp—Pure Theory of International Trade.
26. J. D. Theberge (Ed.)—Economics of Trade and Development.
27. Reserve Bank of India—Report of Currency and Finance.
28. G.O.I., Ministry of Finance—Economic Survey.

Paper II—*International Finance and Monetary System*

1. The Balance of Payments : Concepts and measurement—Balance of trade and transfers—Current and capital accounts—Deficits and surpluses—Equilibrium in the balance of payments—National income and the balance of payments.

2. The Foreign Exchange Market and Exchange Rates : Demand for and supply of foreign exchange—Exchange rate under gold standard and adjustable peg system—Spot and forward rates under competitive conditions—Interest arbitrage—Speculation—Spot and forward rates under gold standard and adjustable peg systems—Purchasing power parity theory—Equilibrium exchange rate—Actual and shadow exchange rates.

3. Balance of Payments Adjustments : Income approach—Foreign trade multiplier—Price approach—Exchange rate changes—Marshall-Lerner condition—Empirical measurement of import and export demand elasticities—Elasticity and absorption approaches to devaluation—Synthesis of the two approaches—Devaluation and the terms of trade—Balance of payments adjustment with fixed exchange rates—Assignment problem : Monetary and fiscal policies under fixed exchange rates for internal/external balance. Adjustment under the gold standard. Adjustment with flexible exchange rates.

4. Money, Economic Growth and the Balance of Payments : Money and the balance of payments—Monetary effects of devaluation—Money in trade balance stability—Harrod-Domar model of growth in open economy—Neo-classical model of growth with foreign sector—Money, Growth and balance of payments.

5. The Transfer Problem : Classical model—Keynesian model—Price and income approaches to capital transfer—Foreign aid and repayment.

6. Fixed Vs. Fluctuating Exchange Rates : Controversies over appropriate exchange rate systems—Optimum currency areas—Monetary integration.

7. International Reserves and Liquidity : Bretton Woods arrangements—Role of gold, U.S. Dollar, Special Drawing Rights—Eurocurrency market—Petro-dollars and their recycling—Optimal international reserves—Special Drawing Rights and development finance.

8. International Monetary System : Adjustment mechanism and the international monetary system : Gold standard, Bretton Woods arrangements and managed floating system—Role of short-term capital flows—Less

developed countries in the international monetary arrangements—International Monetary Fund and the monetary system—Plans for reform of international monetary systems—Energy crisis, world inflation and world recession—New International Economic Order.

9. India and the International Monetary System : India in the international monetary science—Balance of payments and exchange-rate policy—Case Study of 1966 devaluation—Floating rates—International reserves—International reserves and India's development process—The oil crisis and its impact of India—India and the I.M.F.

Reading List

1. American Economic Association—Readings in the Theory of International Trade.
2. American Economic Association—Readings in International Economics.
3. J. E. Meade—The Balance of Payments.
4. B. J. Cohen—Balance of Payments Policy.
5. W. Lederer—The Balance of Foreign Transactions—Problems of Definition and Measurement.
6. T. Scitovsky—Money and the Balance of Payments.
7. R. M. Stern—The Balance of Payments.
8. R. N. Cooper (Ed.)—International Finance—Selected Readings.
9. P. R. Brahmananda—The Gold-Money Rift—A Classical Theory of International Liquidity.
10. R. Weisweiller—Foreign Exchange.
11. R. A. Mundell—International Economics.
12. L. B. Yeager—International Monetary Relations.
13. F. Machlup—International Trade and National Income Multiplier.
14. J. A. Frenkel and H. G. Johnson (Eds.)—The Monetary Approach to the Balance of Payments.
15. International Monetary Fund—The Monetary Approach to the Balance of Payments.
16. R. Solomon—The International Monetary Systems, 1945-76.
17. R. I. McKinnon—The Eurocurrency Market.
18. E. Tower and T. D. Willet—The Theory of Optimum Currency Areas and Exchange Rate Flexibility.
19. International Monetary Fund—The Role of Exchange Rates in the Adjustment of International Payments.

20. C. Diaz-Alejandro—Less Developed Countries and the Post—1971. International Finance System.
21. S. W. Black—Exchange Policies for Less Developed Countries in a World of Floating Rates.
22. Y. S. Park—The Link Between Special Drawing Rights and Development Finance.
23. F. A. Southard—The Evolution of the International Monetary Fund.
24. M. G. de Vries—The International Monetary Fund, 1966-71.
25. Reserve Bank of India—Report on Currency and Finance.
26. G.O.I. Minister of Finance—Economic Survey.
27. Simha, S. L. N. —Oil, International Payments and Reform.
28. I.M.F.—Annual Reports.

(7) Welfare Economics and Socialist Economics

Paper I—*Welfare Economic and the Theory of Policy*

1. The foundations of welfare economics—Economics welfare and general welfare—Utilitarian economics—Value judgements—Interpersonal comparisons of utility—Welfare economics and the theory of economic policy—Contributions of Robbins, Tinbergen and Theil.

2. New Welfare economics—The measurement of welfare—The marginal and total conditions of optimum welfare—Paretian welfare economics—The optimum conditions of production and exchange—Marginal cost pricing—The compensation principle—Real income and welfare—The management of changes in welfare : The theory and the practice.

3. Welfare under interdependence—Consumer's and producer's surpluses—The concept of externalities—Divergence between private and the social products—Welfare implications of varying market situations—Market imperfections and excess capacity, monopoly and welfare—Market failure and public goods.

4. Welfare optimum and the concept of the social welfare function—Arrow's general impossibility theorem—Political aspects of welfare economics—Welfare theory and politics—Democracy and welfare economics—Distribution and welfare—Majority voting and the rationale of group decision making—Strategic Voting—The politics of social choice—Theory of public expenditure.

5. Applied welfare economics—Output and price policy in public enterprises—The welfare implications of marginal cost pricing—Public enterprise

pricing policy—The use of consumer's surplus as a measure of benefits—The interdependence of investment decisions—Benefits, economics and justification of public investment.

6. Welfare effects of taxes and prices—Welfare theory and international trade—The general theory of second best—Taxes, prices and the allocation of resources—Direct *versus* indirect taxel.

7. Linear Programming and non-linear Economics—The basic theorem of welfare economics—General competitive equilibrium models and welfare economics—Capital accumulation and efficient allocation of resources—Welfare economics and full employment—Environment problems, growth and welfare.

8. Welfare economics in practice—Cost-benefit analysis—Project appraisal by cost-benefit analysis—Little-irrless manual—Applications in India—The I.C.I.C.I. experience—The Planning Commission experience—Planning and cost-benefit analysis—Trade-off between growth and welfare—The Indian experience—Some case studies in urban development.

9. Welfare Economics and the Theory of Economic Policy—Robbins, Tinbergen and Theil.

Reading List

1. American Economic Associaton—Readings in the Theory of International Trade.
2. American Economic Association—Readings in Welfare Economics.
3. Arrow, K. J.—Social Choice and Individual Values.
4. Baumol, W. J. and W. E. Oates—The Theory of Environmental Policy.
5. Baumol, W. J.—Welfare Economics and the Theory of the State.
6. Brahmanand, P. R.—Studies in Economics of Welfare Maximisation.
7. Doel, Has Van Den—Democracy and Welfare Economics.
8. Dorfman, R., P. A. Samuelson and R. Solow—Linear Programming and Economic Analysis.
9. Graaff, J. de V.—Theoretical Welfare Economics.
10. Lerner, A. P.—Economics of Control.
11. Little, I. M. D.—A Critique of Welfare Economics.
12. Mishan, E. J.—Welfare Economics—An Assessment.
13. Myint, H.—Theories of Welfare Economics.

14. Nelson, J. R.—Marginal Cost Pricing in Practice.
15. Pigou, A. C.—The Economics of Welfare.
16. Quirk, J. and R. Saposnik—Introduction to General Equilibrium Theory and Welfare Economics.
17. Reder, M. W.—Studies in the Theory of Welfare Economics.
18. Samuelson, P. A.—Foundations of Economics Analysis.
19. Sen, A. K.—Collective Choice and Social Welfare.
20. Winch, D. M.—Analytical Welfare Economics.
21. Nath, S. K.—A Perspective of Welfare Economics.
22. Nath, S. K.—A Reappraisal of Welfare Economics.
23. Black, Duncan—The Theory of Committees and Elections.

Paper II—*Socialism: Theory and Practice*

1. Development of Socialist Thought :

Religious Socialist Traditions.

Early 'utopian' socialists ; Saint-Simon and Owen.

Marxian critique of 'utopian' socialists and 'scientific' socialism.

Hegelian 'idealistic' dialectics Vs. Marxian 'materialistic' dialects—Marxian materialistic interpretation of history—Mode of production and super structure of social consciousness—Classes and class struggle—Stages in social development and development through revolutionary changes—Socialist revolution and a historical necessity—Role of human will and objective economic conditions.

Leninism—The role of the Proletarian Communist Part—Democratic centralism—Bolshevism—Lenin's theory of imperialism as the last stage of capitalism—Socialist revolution in a backward country like Russia.

Trotsky's theories of permanent revolution, and 'world' revolution—Stalin's theory of socialism in one country.

'Fabian' socialists of England—Swadesh 'co-operative' socialism.

2. Marxian critique of capitalist process of development—Theory of surplus value—Primitive accumulation and industrial capitalism—Significance and direction of technological change—Simple and expanded reproduction—Contradictions (or dialectics) of capitalist development—The role of the state in a capitalist economy—Problem of alienation—Socialist revolution from the 'wombs' of capitalism—Marxian ideas on a socialist economic system—Concept of 'proletarian dictatorship'—Distinction between socialism and communism—Withering away of the 'state'—Socialism as humanism.

3. Problems of modern capitalism: Private ownership and control over property leading to perpetual, non-functional inequality of incomes and socio-economic opportunities—Alienation of individual from his fellow-beings, from himself and from the State—The myths of Consumer's sovereignty and perfect competition—The growth and power of big business—The domination of technology over man—The profit motive and the disparity between composition of national output and social needs—Wastage of natural, human, and capital resources in relation to social needs—Profit motive and ecological problems—The limits of trade unions as a countervailing power—Individual freedom, laws, elections, parliamentary politics and mass media in a capitalist democracy—The emergence of military-industrial complex—The Welfare State—'Welfarism' as an alternative to Socialism.

4. Why socialism? Social ownership of means of production—Abolition of property and class-division—Planning to substitute market forces—Social desirability to replace private gains—Allocation of resources and composition of national output to be consistent with social needs and priorities—Equality of opportunities—Functional and non-perpetual inequalities of income—Regulation of wants—Regulation of technological change—Full employment, stability, social security and man-power planning—Minimising alienation of man.

Unresolved doubts—The character of the State—The domination of party functionaries, bureaucracy, and technocrats—Who will plan the planners?—Who pays for the economic miscalculations?—Centralisation of political power—State capitalism—The importance of individual dissent—Submission of individual to collective will.

5. Theoretical problems of a planned socialist economy: Guidance of production and allocation of resources in a socialist economy—The questions raised by Professor Mises and Hayek—Solutions presented by Taylor, Lange and Pigou—Perfect 'computation' as a substitute for perfect competition.

Criteria for efficiency of allocation of investment and production—Savings investment in a socialist economy—Socialist accumulation—Fel'dman's first law of socialist accumulation.

Management of demand—Balancing supply and demand—Forced substitution and under utilisation of productive capacity.

Incentives and income distribution.

Transformation problem—Accounting prices and target fixing.

Commodity-money relation.

6. Socialist Planning in Russia: Brief survey of pre-Revolution Russian economy—War Communism and N.E.P.—Debate over the strategy of planned development during the Twenties—The essential features of Soviet growth model—Organisation framework of planning—Centralisation of decision-

making and rigidities—The industrial enterprise—Agriculture and collective farming—The problem of terms of trade between agriculture and industry—Stakhanovism and material incentives—Problem of material balances—Rationing and the Soviet consumer—Money and finance—Role of labour unions—Post-Stalin economic reforms—Technology gaps—Emulation of Western consumption standards—Revisionism—Basic problems of Soviet economy to-day—Social imperialism.

7. Socialist economy of the East European countries—Communism by conquest and not by revolution—Economic reforms of the Sixties—The New Economic System—Introduction of new market mechanism and profit principle—Decentralisation of economic decision making and flexibility—Material incentives—Inequalities of income and status—Economic relation with the Soviet Union—The CPSU theory of limited socialist sovereignty—The use of Economic mathematical methods in planning.

8. Socialist economy of China—Mao's analysis of the pre-Revolution Chinese political economy—Class contradictions in semi-feudal, semi-colonial China—Salient features of Chinese strategy of revolution—Peasant democracy—Main features of the Chinese growth model and planning organisation—The Chinese theory of promising what can be provided—Decentralised planning—Importance of agriculture—Communes—Relation between agriculture and industry, village and town—The Great Leap Forward—Differences between Liu Shao Chi and Mao—The Cultural Revolution—The Four Modernisations—Emphasis on changing the 'superstructure' and controlling bureaucracy—Changes in Post-Mao China—The revival of the 'productive force' theory.

9. Development of Socialist thought in India: M. N. Roy, Lohia, J. P. Naryan, Nehru, "Gandhian socialism."

Differences in the analysis of the Indian political economy by different Communist parties in India.

Essential characteristics of socialism and the Indian development experience after 1951.

Reading List

1. Oser, J.—The Evolution of Economic Thought.
2. Taylor, O. J.—A History of Economic Thought.
3. Heilbroner, R. L.—The Worldly Philosophers.
4. Engles, F.—Socialism—Utopian and Scientific.
5. Marx, K.—Genesis of Capital.
6. Friedman, R.—Marx on Economics.
7. Fischer, E.—Marx in His Own Words.

8. Marx, K. and Engles, F.—The Communist Manifesto.
9. Marx, K.—Critique of Gotha Programme.
10. Lenin, V. I.—On Socialist Economic Organization.
11. Lenin, V. I.—What is to be done?
12. Lenin, V. I.—The State and Revolution.
13. Burn, E.—A Handbook of Marxism.
14. Landauer, C.—European Socialism—A History of Ideas and Movements.
15. Crossman, G.—Economic Systems.
16. Conquest, Robert—Lenin.
17. Wolfe, Bertram—The Three Who Made Revolution.
18. Shonfield, Andrew—Modern Capitalism.
19. Dobb, M.—
 - (i) On Economic Theory and Socialism.
 - (ii) Soviet Economic Development since 1917.
20. Lange, O. and Taylor, F.—On Economic Theory of Socialism.
21. Bergson, Abram—The Economics of Soviet Planning.
22. Nove, Alec—The Soviet Economy—An Introduction.
23. Kaser, M. and Zeilinski, J. G.—Planning in East Europe : Industrial Management by the State.
24. Borstein, Marris—Plan and Market—Economic Reform in Eastern Europe.
25. Robinson and Eatwell—An Introduction to Modern Economics.
26. Russel, Bertrand—Practice and Theory of Bolshevism.
27. Dyachenko, V.—Econometry, The Market and Planning.
28. Progress Publishers, Moscow—The Soviet Planned Economy.
29. Progress Publishers, Moscow—Soviet Economic Reform : Progress and Problems.
30. Fedorenko, N. P.—Optimal Functioning System for a Socialist Economy.
31. Koval, M. and Miroshnichenko—Fundamentals of Soviet Economic Planning.
32. Rostow, W. W.—The Prospects for Red China.
33. Belov, Fedor—The History of a Soviet Collective Farm.
34. Fremantle, Anne (Ed.)—Mao Tse Tung—An Anthology of His Writings.
35. Snow, Edgar—Red Star over China.
36. Stuart Schram (Ed.)—Mao Tse Tung Unrehearsed.

37. Solomon, R. H.—Mao's Revolution and Chinese Political Culture.
38. Robinson, J.—Cultural Revolution.
39. Arumugam—Socialist Thought in India—Contribution of Ram Manohar Lohia.
40. Lohia, R. Marx, Gandhi and Socialism.
41. Lohia, R.—Aspects of Socialist Policy.
42. Sharma, B. S.—Political Philosophy of M. N. Roy.
43. Hoetheox, J. H.—Communism and Nationalism in India : M. N. Roy Commintern Policy.
44. Roy, M. N. —Poverty or Plenty.
45. Roy, M. N.—Furture of India.
46. Roy, M. N.—New Humanism—A Manifesto.
47. Karnik, V. B.—M. N. Roy—A Political Biography.
48. Narayan, J. P.—Total Revolution.

Group II

(8) Economic Classics

Candidates are expected to study the original works of the writers included in the reading list. While studying these works, special emphasis should be given to these contributions which have helped in the formation of the currently accepted economic doctrines.

Paper I—*Classical Writers*

Adam Smith, Ricardo, Malthus and Marx.

Reading List

1. Adam Smith—The Wealth of Nations.
2. David Ricardo—The Principles of Political Economy and Taxation.
3. T. R. Malthus—An Essay on the Principle of Population.
4. T. R. Malthus—Principles of Political Economy.
5. Karl Marx—Capital Vol. I and Vol. III.
6. Karl Marx—Critique of Political Economy.
7. R. Friedman—Marx on Economics.
8. E. Canman—History of the Theories of Production and Distribution.
9. M. Blaug—Ricardian Economics.
10. D. V. Glass (Ed.)—Introduction to Malthus.
11. Paul Sweezy—Theory of Capitalist Development.

12. E. Mandel—Marxist Economic Theory.
13. J. Schumpeter—Capitalism, Socialism and Democracy.
14. J. Schumpeter—History of Economic Analysis.
15. J. Schumpeter—Ten Great Economists.
16. Guy Ruth—The Origin of Economic Ideas.
17. R. L. Heilbroner—The Worldly Philosophers.
18. G. Stigler—Theories of Production and Distribution.
19. O'Brien, D. P.—The Classical Economists.
20. K. R. Ranadive—Income Distribution : The Unsolved Puzzle.
21. Ekelund Robert B. and Hebert Robert P.—A History of Economic Theory and Method.
22. M. C. Howard and J. E. King—Economics of Marx.

Paper II—*Post-Classical Writers*

Bohm-Bawerk, Walras, Wicksell, Marshall and Veblen Naoroji, Ranade, Gokhale and Mahatma Gandhi.

Reading List

1. Bohm-Bawerk—The Positive Theory of Capital.
- 1a. Jaffe Williams (Translated): Elements of Pure Economics on the Theory of Bohm-B. Social Wealth by Leon Walras.
2. J. G. Knut-Wicksell—Interest and Prices.
3. J. G. Knut-Wicksell—Lectures on Political Economy.
4. A. Marshall—Principles of Economics.
5. T. Veblen—The Theory of the Leisure Class.
6. T. Veblen—The Theory of Business Enterprise.
7. D. Naoroji—Poverty and Un-British Rule in India.
8. G. K. Gokhale—Speeches.....
9. M. G. Ranade—Essays on Indian Economics—A Collection of Essays and Speeches.
10. M. K. Gandhi—Sarvodaya.
11. M. K. Gandhi—Economics of Khaddar.
12. Karve and Ambedkar (Eds.)—Speeches and Writings of Gokhale.
13. F. Lutz—The Theory of Capital.
14. C. G. Uhr—Economic Doctrine of Knut Wicksell.
15. A. C. Pigou—Alfred Marshall and Current Thought.
16. D. F. Dowd (Ed.)—Thorstein Veblen—A Critical Re-appraisal.

17. J. Schumpeter—History of Economic Analysis.
18. B. N. Ganguli—The Drain Theory.
19. B. R. Nanda—Gokhale, the Indian Moderates and the British Raj.
20. C. Y. Chintamani (Ed.)—Indian Social Reform.
21. N. K. Bose—Selections from Gandhi.
22. J. C. Kumarappa—Economy of Permanence.
23. Brij Narain—Tendencies in Recent Economic Thought (Kikabhai Premchand Lecture, Delhi University 1934).
24. S. V. Ketkar—An Essay on Indian Economics.
25. K. G. Mashruwala—Gandhi and Marx.
26. A. Das—Foundation of Gandhian Economics.
27. M. L. Dantwala—Gandhism reconsidered.
28. Rajkrishna and B. R. Nananda—Gandhi and Nehru.

Group II

(9) Mathematical Economics

Paper I—*Quantitative Methods and Economic Modelling*

1. Linear Programming—Standard concepts—the basic theorem and the simplex method—the dual problem and its economic interpretation—some duality theorems—the valuation problem.
2. Game Theory: Basic definitions—Two person zero sum game—certainty and uncertainty models—Maximin and minimax strategies—mixed strategies—The minimax theorem—two person non-constant sum game— n person games: Some concepts—interrelations between game theory and linear programming.
3. Decision Theory—Some proposed decision rules—Axiomatization—Neumann Morgenstern utility and Bayes criterion.
4. Input output analysis—Input output flow and capital tables—a linear programming interpretation—the Hawkins—Simon condition—solving an input output system—the substitution theorem—the open Leontief system—Input output accounting in money value terms—Prices in the Leontief system—the closed Leontief System.
5. Economic Models—Concept of an industry—the aggregation problem.

6. Theory of consumer behaviour—demand curves, utility surfaces and indifference maps—the Slutsky theorem—Revealed Preference theory—Neumann Morgenstern utility theory—Consumer's surplus—Engels curves and Linear Expenditure systems—Externalities in consumption.

7. Theory of Production—the production function—homogeneous and homothetic production functions—the Leontief, Cobb Douglas, and CES and VES production functions—Disembodied technical progress and the production function—equilibrium of the firm—the Ricardic effect—Price line and the expansion path—derivation of cost and profit functions from the production functions—the production function of a multi-product firm—production indifference curves—profit indifference curves—the Linder theorem—the compensated demand function—Sheppard's lemma.

8. Theory of costs—the traditional theory of cost, modern theory of costs.

9. Theory of the firm—the firm and its objectives—profit maximisation—applications and extensions—Baumol's theory of sales revenue maximisation—basic concepts of satisficing and behavioural analysis—Advertising—Prices and changes in fixed cost and taxes—Survival as an objective.

10. Market Structure, Pricing and output—Classification of market structures, perfect competition of firm and industry—short run and long run equilibrium—the Cobweb theorem—Monopoly—Equilibrium of the monopolist—Predictions in a dynamic context—Bilateral monopoly—Price discrimination—effects of price discrimination—Government regulated monopoly—Monopolistic competition—Product differentiation and the demand curve—equilibrium of the firm—Monopsony—Duopoly—Oligopolistic interdependence—stability of oligopoly arrangement—kinked demand curves.

11. General equilibrium in linear micro-economic models—competitive equilibrium—the producing sector and the household sector—efficiency and competitive equilibrium—A set theoretic approach to competitive equilibrium and welfare economics—Arrow-Debreu Model of competitive equilibrium.

Reading List

1. R. Dorfman, P. A. Samuelson and R. Solow—Linear Programming and Economic Analysis.
2. S. I. Gass—Linear Programming.
3. A. Charnes, W. W. Cooper and A. Henderson—An introduction to Linear Programming.
4. R. D. Luce and H. Raiffa—Games and Decisions.
5. J. C. C. McKinsey—Introduction to the theory of Games.

6. K. Borch—Economics of Uncertainty.
7. H. Chernoff and L. E. Moses—Elementary Decision theory.
8. H. Raiffa—Decision Analysis.
9. W. J. Baumol—Economic Theory and Operations Analysis.
10. P. N. Mathur and R. Bhardwaj—Economic analysis in Input—Output Framework.
11. R. G. D. Allen—Mathematical Economics.
12. G. Debreu—Theory of Value.
13. A. Koutsoyiannis—Modern Micro-economics.
14. K. C. Kogiku—Micro-economic Models.
15. R. Shone—Micro-economic—A Modern Treatment.
16. K. Lancaster—Mathematical Economics.
17. T. C. Koopmans—Three Essays on the State of Economic Science.
18. K. Arrow—Social Choice and Individual Values.
19. E. Malinvaud—Lectures on Micro-economic Theory.
20. J. Quirk and R. Saposnik—Introduction to General Equilibrium theory and welfare economics.

Paper II—Optimization Techniques and Economic Dynamics

1. Non-linear programming—Basic concepts—Non-linearities and the basic theorem of linear programming—The Kuhn-Tucker optimality conditions—Rationale, interpretation and Sufficiency of the Kuhn-Tucker conditions.

2. Basic concepts of dynamic programming.

3. Some simple dynamic models—The Cobweb model and extensions—Stability of market equilibrium—Time-lags—The Modigliani model—Samuelson-Hicks model of multiplier-accelerator interaction—Progressive equilibrium—Distributed investment.

4. Trade-cycle theory and models—Samuelson-model—Stabilization Policy in Philips model—Proportional, Integral and Derivative Stabilization policies—Hicks-Hansen model—Kalecki model—Goodwin model—Metzler's Inventory model.

5. Growth Models—Harrod-Domar growth model—Neo-classical growth models—The neo-classical theorem or Golden Rule of accumulation—Optimal paths of capital accumulation—Ramsay model—Optimal economic growth with resource constraints—Optimal growth for a labour-surplus economy—Capital theory and vintage models—Putty-clay and non-malleable capital—The Reswitching Controversy—Cambridge models of income-distribution and economic growth—Overview of issues among Harrod-Domar, neo-classical and Cambridge growth models.

6. Dynamic aspects of linear models—The Leontief Dynamic System—Casual Indeterminacy in the Dynamic Leontief Model—The Leontief Dynamic Model with inequality constraints and its implications for planning—Balanced growth and inter-temporal efficiency. The problem of dual instability.

7. Activity analysis and General Economic Equilibrium—Linear programming and the theory of General Equilibrium—Shadow prices—the von Neumann Model of equilibrium growth—Turnpike theorems.

Reading List

1. K. Arrow, L. Hurwicz and H. Uzawa—Studies in Linear and Non-linear Programming.
2. O. L. Mangasarian—Non-linear Programming.
3. H. M. Wagner—Principles of Operations Research with Applications to Managerial Decisions.
4. R. Bellman—Dynamic Programming.
5. R. Bellman and S. E. Dreyfus—Applied Dynamic Programming.
6. G. C. Chow—Analysis and Control of Dynamic Economic Systems.
7. R. Dorfman, P. A. Samuelson and R. M. Solow—Linear Programming and Economic Analysis.
8. T. Takayama—Mathematical Economics.
9. R. G. D. Allen—Mathematical Economics.
10. R. G. D. Allen—Macro-economic Theory.
11. E. Burmeister and A. R. Dobell—Mathematical theories of Economic Growth.
12. S. Chakravarty—Capital and Development Planning.
13. D. Hamberg—Models of Economic Growth.
14. B. L. Scarfe—Cycles, growth and Inflation.
15. A. K. Sen (Ed.)—Growth Economics.
16. T. C. Koopmans (Ed.)—Activity Analysis of Production and Allocation.
17. J. L. Kenkel—Dynamic Linear Economic Models.
18. D. Gale—Theory of Linear Economic Models.
19. M. Morishima—Equilibrium, Stability and Growth.
20. M. Brown *et. al* (Ed.)—Essays in Modern Capital Theory.

(10) Econometrics

Paper I—*Foundations of Econometrics*

1. Definition and Scope of Econometrics—The Methodology of econometric research—specification and estimation of an econometric model—Evaluation of the parameter estimates—Forecasting power of the model.

2. Point Estimation—Maximum likelihood estimations—unbiasedness, efficiency and consistency—Cramer Rao Inequality and MVB estimators—Sufficiency—Fisher-Neyman Factorization Criterion—MLE and sufficiency—Jointly sufficient statistics—Rao Blackwell theorem—sufficiency, completeness and stochastic independence.

3. Interval estimation—Confidence intervals—shortest sets of confidence intervals—choice of statistics—studentization of Simultaneous confidence intervals for several parameters—Tolerance intervals.

4. Testing of hypotheses—Best Critical Regions and sufficient statistics—UMP tests and sufficient statistics—Neyman-Pearson lemma ; Likelihood Ratio Tests and their properties—comparison of tests—distribution free tests with applications—Introduction to sequential testing of hypotheses. Mahalanobis D^2 .

5. Applications of Multivariate analysis—Canonical correlations, principal components and discriminant analysis.

6. Factor Analysis—Motivation and aim—The model of factor analysis—interpretation of common factor coefficients—factor rotation—applications of factor analysis.

7. Econometric problems of single-equation models: Multi-collinearity its detection and solution—tests of linear restrictions—missing observations—aggregation problems. Heteroskedasticity—grouped data and use of deflators—Auto-correlation and estimation procedures in the presence of first order autocorrelation—Errors in variables models.

8. Models of Qualitative Choice—Binary choice and multiple choice models.

9. Micro and macro accounting—Accounting Statements: Balance Sheet, income statement, production statement—Business and social accounting—Social Accounting Matrix.

National Income aggregates and their meaning—Classification into accounts and sectors—components of National Income—Capital formation, inventory valuations—Government sectors and rest of world sector—financial intermediaries—The Two Gap model and its uses in National Income Accounting. Methods, sources and computation of National Income—Problems in Measurement—National and State income with special reference to India—The UN system of National Income Accounts—Related systems of economic accounting—Input-output tables and flow of funds accounts—National Income accounts in India.

Reading List

1. A. S. Goldberger—Econometric Theory.
2. P. J. Dhrymes—Econometrics—Statistical Foundations and Applications.
3. E. Malinvaud—Statistical Methods of Econometrics.
4. J. Kmenta—Elements of Econometrics.
5. H. Theil—Principles of Econometrics.
6. J. Johnston—Econometric Methods (2/E).
7. G. S. Maddala—Econometrics.
8. A. Koutsoyiannis—Theory of Econometrics.
9. R. S. Pindyck and D. L. Rubinfeld—Econometric Models and Economics Forecasts.
10. M. Kendall and A. Stuart—Advanced theory of Statistics (Vol. 2).
11. R. V. Hogg and A. T. Craig—Mathematical Statistics.
12. C. R. Rao—Linear Statistical Inference and its Applications.
13. H. H. Harman—Modern Factor Analysis.
14. J. H. F. E. Schildernick—Regression and Factor Analysis in Econometrics.
15. Ruggles and Ruggles—National Income Accounts and Income Analysis.
16. United Nations—A System of National Accounts.
17. Edey and Peacock—National Income and Social Accounting.
18. Stone and Crof Murray—Social Accounting and Economics Models.
19. S. J. Press—Applied Multi-variate Analysis.
20. B. K. Ghosh—Sequential Test of Hypothesis.

Paper II—Econometric Methods and Applications

1. Simultaneous equation systems—Identification problem—Indirect least squares—Instrumental variables—Two stages Least Squares—class estimators—Restricted Least Squares Mixed linear estimation (Theil and Goldbarger)—Limited Information Maximum likelihood estimators—Full Information Maximum likelihood estimators—Three stages least squares—Monte Carlo Studies and choice of econometric technique.

2. Time-Series analysis—Stationerity and weak Stationarity—ergodicity—elements of spectral Analysis—Autoregressive and moving average models—ARIMA (p, d, q) model—An overview of the Box-Jenkins method—The problems of seasonality.

3. Basic concepts in Information and Coding Theory—White noise and coloured noise—shaping and spiking filters—entropy and its measurement.

4. Bayesian Inference and Decision Theory—Statistical decision Theory—The use of loss and risk functions—Bayesian methods in econometrics—Bayesian analysis of simple and multiple regression models—Bayesian analysis of the regression model with auto-correlated errors.

5. Topics in Applied Econometrics—Fieller's method—The choice of variables—lagged dependent variables—omission of relevant and inclusion of irrelevant variables—Proxy variables—limited and dummy dependent variables—Pooling of cross-section and time-series data—Variance components models—The seemingly unrelated regression model—Distributed lag models. Finite lag and infinite lag distributions, Introduction to varying parameter models.

6. Forecasting with a single equation model, with a simultaneous equation model and with a time-series model.

7. Econometric models in planning—the framework of planning Types of Planning models—Models and Policy—The logic of planning models—Theoretical foundations and technical implications—Static Input Output analysis—Dynamic Input-Output analysis—Static linear programming models—Basic concepts of dynamic optimizing models—Non-optimizing economy-wide models—State-space and linear systems—State space representation of a macro-econometric model—State space approach *versus* other traditional representations such as simultaneous or final forms—Quantitative foundations and implications of planning processes—forecasting, consistency and optimization models—Multi-sectoral planning models—Planning models and shadow prices—A review of conventional planning, optimization planning and compromise planning.

8. Planning models in India with special reference to growth redistribution, poverty and social justice.

Reading List

1. G. S. Maddala - Econometrics.
2. A. S. Goldberger—Econometric Theory.
3. P. J. Dhrymes—Econometrics—Statistical foundations and Applications.
4. H. Theil—Principles of Econometrics.
5. J. Johnston—Econometric Methods (2/E).
6. R. S. Pindyck and D. L. Rubinfeld—Econometric Models and Economic Forecasts.
7. A. Koutsoyiannis—Theory of Econometrics.
8. C. R. Blitzer, P. B. Clark, L. Taylor (Eds.)—Economy-wide Models and Development Planning.
9. A. Zellner—An Introduction to Bayesian Inference in Econometrics.
10. H. O. A. Wold (Ed.)—Econometric Model Building.
11. H. Theil—Economics and Information Theory.
12. G. E. P. Box and G. M. Jenkins—Time series Analysis—forecasting and control.
13. W. A. Fuller—Introduction to Statistical Time-series.
14. C. W. J. Granger, P. Newbold—Forecasting and Economic Time-Series.
15. S. Chakravarty—Capital and Development Planning.
16. R. S. Pindyck—Optimal Planning for Economic Stabilization.
17. G. C. Chow—Analysis and Control of Dynamic Economic Systems.
18. K. A. Fox, E. Thorbecke and J. K. Sengupta—The Theory of Quantitative Economic Policy with application to Economic Growth and Stabilization.
19. A. Rudra—Indian Plan Models.
20. E. Kuh and R. L. Schmalensee—An Introduction to Applied Macroeconomics.

SOCIOLOGY*

- (i) The following will be the scheme of papers in Sociology for the revised M.A. degree course introduced from the academic year i.e. 1980-81

Group I (Part I—1980-81)

Following will be the four papers of Group I:—

Paper I—*Theoretical Sociology*

Paper II—*Theoretical Anthropology*

Paper III—*Sociology of Change and Development*

Paper IV—*Sociology of Indian Society.*

Group II—(Part II—1981-82)

Students offering entire 'Sociology' will be required to study any four optional papers from the papers listed below as papers V, VI, VII and VIII at the Part II of the course from academic year 1981-82 and thereafter:—

- (i) Social Demography
- (ii) Sociology of Deviance
- (iii) Sociology of Education
- (iv) Ethnography
- (v) Indian Anthropology
- (vi) Industrial Sociology
- (vii) Sociology of Knowledge
- (viii) Sociology of Karl Marx
- (ix) Sociology of Social Movements
- (x) Society, Culture and Personality
- (xi) Political Sociology
- (xii) Sociology of Religion
- (xiii) Rural Sociology of India

*1. The students entering for Part I in 1981-82 and in the subsequent years, will be required to offer Papers, I, II, V and VI for the Part I and Papers III, IV, VII and VIII for Part II as recommended by the Committee.

2. The following will be the division of papers from Group I in the branch of Sociology at the revised M.A. (Parts I & II) degree course for students offering four papers in branch of Sociology and four papers in the other branches viz. Politics, Economics and History from the next academic year i.e. 1981-82:—

Part I—Papers I and II of Group I

Part II—Papers III and IV of Group I

- (xiv) Comparative Rural Sociology
 - (xv) Social Statistics
 - (xvi) History of Sociological Thought
 - (xvii) Urban Sociology
 - (xviii) Urbanisation in the Third World
 - (xix) Sociology of Women
 - (xx) Sociology of Art
 - (xxi) Methodology of Social Research
 - (xxii) Sociology in Science.
- (ii) The papers included in the scheme of Group I for M.A. Part I will be offered by students doing M.A. entire Sociology (8 papers).

Paper I—*Theoretical Sociology*

1. Positivism and organicism (Comte, Spencer, etc.).
2. Structural—functional approach (Durkheim, Radcliffe-Brown, Malinowski, Parsons, Merton etc.)
3. Conflict approach (Marx, Simmel, Dahrendorf, Coser, etc.).
4. Symbolic Interactionist approach (Mead, Blumer, Turner, Goffman, etc.).
5. Exchange theory approach (Levi-Strauss, Romans, Blau, etc.).
6. Phenomenological approach (Weber, Scheler, Schutz, etc.).
7. Ethnomethodological approach (Garfinkel and others).
8. Toward theoretical integration and Sociology of Sociology.

Readings

1. Aron, R.—Main Currents in Sociological Thought (2 vols).
2. Black, M. (Ed.)—Social Theories of Talcott Parsons.
3. Blau, P.—Exchange and Power in Social Life.
4. Berger, P.—An Invitation to Sociology.
5. Bottomore, T. B. and Rubin, M.—Karl Marx : Selected Writings on Sociology and Social Philosophy.
6. Coser, I. A.—The Functions of Social Conflict.
7. Coser, I. A.—Masters of Sociological Thought.
8. Douglass, J. (Ed.)—Understanding Everyday Life.

9. Firth, R. (Ed.)—*Man and Culture*.
10. Friedrichs, R. W.—*A Sociology of Sociology*.
11. Garfinkel, H.—*Studies in Ethnomethodology*.
12. Goffman, E.—*The Presentation of Self in Everyday Life*.
13. Gouldner, A.—*The Coming Crisis of Western Sociology*.
14. Homans, G. C.—*Social Behaviour : Its Elementary Forms*.
15. Hughes, H. S.—*Consciousness and Society*.
16. Lukes, S. and E. Oursheim—*His Life and Work*.
17. Martindale, D.—*The Nature and Types of Sociological Theory*.
18. Marx, K. and Engel, F.—*Selected Works* (3 Vols.).
19. McLellan, D. and Karl Marx—*His life and Thought*.
20. Mead, G. H.—*Mind, Self and Society*.
21. Merton, R. K.—*Social Theory and Social Structure*.
22. Mills, C. W.—*The Sociological Imagination*.
23. Natanson, M. (Ed.)—*The Philosophy of the Social Sciences*.
24. Parsons, T.—*The Structure of Social Action*.
25. Parsons, T.—*The Social System*.
26. Parsons, T., Shils, E., Naegel, K. D. and Pitts, J. R. (Eds.)—*Theories of Society* (2 Vols.).
27. Radcliffe—Brown, A. R.—*Structure and Function in Primitive Society*.
28. Rose, A. (Ed.)—*Human Behaviour and Social Process*.
29. Simmel, G.—*Conflict and the Web of Group Affiliations*.
30. Tiryakian, E. A.—*Sociologism and Existentialism*.
31. Webber, M.—*Theory of Social and Economic Organisation*.

Paper II—*Theoretical Anthropology*

The Problem of Man : Nature and Human Nature—Human Freedom ;
Self—awareness—Symbols, Meanings, Values, Norms.

The Culture Concept—Origins and Development—Values and Causes—
Culture as Super-organic—Enculturation, Acculturation—Cultural Crises—
Cultural Integration.

Culture and Society—Their Interrelations—The Aims of Social Anthropology.

Culture and Language—Structural Anthropology.

Anthropology and Psychology—Culture and Personality.

Anthropology and Education.

Culture Change—The Concept of Evolution—Diffusionism and the historical approach—Culture Change and Science.

Economic and Political Anthropology.

Urban Anthropology

Medical Anthropology

The Study of Complex Cultures—Culture and Civilization—Toynbee, Sorokin and others.

Applied Anthropology—Its Nature and limitations.

Cognitive Anthropology—Integral Anthropology—Anthropology of Religion.

Reading

1. Barnett, S. and Silverman, M. G.—Ideology and every day life : Anthropology, Neo-Marxist Thought and the Problem of Ideology and the Social Whole.
2. Bidney, D.—Theoretical Anthropology.
3. Clifton, J. A. (Ed.)—An Introduction of Cultural Anthropology.
4. Dolgin, J. I. Kenmitzer, D. S. and Schneider (Eds.)—Symbolic Anthropology : A Reader in the Study of Symbols and Meanings.
5. Douglas, M. and Isherwood, B.—The World of Goods.
6. Ferreira, J. V., Funchas, S. and Klosternaier, K.—Essays in Ethnology.
7. Honigmann, J. J. (Ed.)—Handbook of Social and Cultural Anthropology.

Paper III—*Sociology of Change and Development*

1. Positivism—Saint Simon, Auguste Comte (Organismic); Herbert Spencer (Organismic individualism).
2. Historical Materialism—Karl Marx; V. I. Lenin, Mao-Tse-Tung.

3. Social Behaviourism—Max Weber (Social Action).
4. Developmental Theorists—W. W. Rostow.
5. Structural Functionalist—Neil Smelser ; Wilbert Moore (Neo-Evolutionist) ; Cyril E. Black, Danill Lerner, S. N. Eisenstadt (Modernization Theorists).
6. Conflict School—Ralf Dahrendorf ; C. Wright Mills ; John Rex ; Randal Collins.
7. Psychological Approach—Everett, E. Hagen ; David C. McClelland.
8. World System and Dependency Theorists : Paul Baran ; Andre Gundar Frank ; Samir Amin ; Immanuel Wallerstein.
9. Frankfurt School—Theodore Adorno ; J. Habermas.
10. French Neo-Structuralist—Henri Lefebvre ; Lucien Goldmann ; Maurice Godelier ; Louis Althusser ; Barry Hindess and Paul Hirst.

Readings

1. Aron, R.—Main Currents in Sociological Thought (2 Vols.).
2. Althusser, I.—Structuralist Analysis in Contemporary Social Thought.
3. Amin, S.—Imperialism and Unequal Development.
4. Baran, P. A.—The Political Economy of Growth.
5. Black, C. E. (Ed.)—Comparative Modernization.
6. Coser, L. A.—Masters of Sociological Thought.
7. Frank, A. C.—Capitalism and Under-development in Latin America.
8. Connerton, P. (Ed.)—Critical Sociology.
9. Dahrendorf, R.—Class and Class Conflict in Industrial Society.
10. Eisenstadt, S. N.—Tradition, Change and Modernity.
11. Godelier, M.—Rationality and Irrationality in Economics.
12. Gerth, H. & Mills, C. W.—From Max Weber : Essays in Sociology.
13. Habermas, J.—Theory and Practice.
14. Hagen, E. E.—On the Theory of Social Change.
15. Hindess, B. and Hirst, P.—Pre-Capitalist Modes of Production.
16. Kinloch, G.—Sociological Theory : Its Development and Major Paradigms.

17. Lefebvre, H.—Dialectical Materialism.
18. Lerner, D.—The Passing of Traditional Society.
19. Lenin, V. I.—Selected Works.
20. Mao-Tse-Tung—Selected Works.
21. Martindale, D.—Nature and Types of Sociological Theory.
22. Marx, K. and Engels, F.—Selected Works.
23. MacOlelland, D. C.—The Achieving Society.
24. Moore, W. E.—Order and Change.
25. Rex, J.—Key Problems of Sociological Theory.
26. Rostow, W. W.—Politics and the Stages of Growth.
27. Smelser, N. J. (Ed.)—Sociology : An Introduction.
28. Spencer, H.—On Social Evolution.
29. Wallerstein, I.—Social Change : The Colonial Situation.
30. Zeitlin, I. M.—Ideology and Development of Sociological Theory.

Paper IV—*Sociology of Indian Society*

1. Sociology for India.
 - (a) Rise of Sociology in India ; the colonial background.
 - (b) The post-Independence phase.
 - (c) Theoretical approaches to the study of Indian Society and Culture.
2. The Indian Village.
 - (a) Rural Social Structure—Agrarian relations and stratification.
 - (b) Land legislation and land reform measures during British and post-Independence periods.
 - (c) Socio-economic change and the village community.
 - (d) Peasant unrest.
 - (e) Significance of village studies.

3. The Caste System

- (a) Fundamental characteristics and categories
- (b) Inter-jati and intra-jati relations
- (c) Mobility in the caste system.
- (d) Social change and the caste system in Modern India.
- (e) Caste and Politics.
- (f) Caste among Muslims, Jews, Parsis, Christians.

4. Family and Kinship

- (a) Family roles ; family cycle ; kinship ties.
- (b) Functions of the family.
- (c) Social change and the family in modern India.
- (d) Position of women in modern India.
- (e) Family and kinship among Muslims, Jews, Christians, Parsis.

5. Modernization of Indian Society

- (a) The colonial backdrop—British rule and modernization.
- (b) Modernization of the politico-legal-administrative structure.
- (c) Modernization and education.
- (d) Urbanization and industrialization ; pre-British, British and post-Independence phases.
- (e) Modernization, Science and Technology.
- (f) Modernization and Communication.
- (g) Modernization, nationalism and politicization.
- (h) Modernization and the rise of new classes.
- (i) Modernization and the rise of reform movements.
- (j) Continuities and discontinuities in the modernization process : the persistence of traditional structure.
- (k) Approach to the modernization of Indian society.

Readings

1. Ahmad, I. (Ed.)—Caste and Social Stratification among Muslims.
2. Ahmad, I. (Ed.)—Family, Kinship and Marriage among Muslims in India.
3. Bailey, F. G.—Caste and the Economic Frontier.
4. Beteille, A.—Caste, Class and Power.
5. Desai, A. R.—Social Background of Indian Nationalism.
6. Desai, A. R.—Modernization of Underdeveloped Societies (2 Vols.).
7. Desai, I. P.—Some Aspects of Family in India.
8. Dube, S. C.—India's Village.
9. Dumont, I.—Homo Hierarchicus—The Caste System and its Implications.
10. Ghurye, G. S.—Caste and Race in India.
11. Gore, M. S.— and Others—Sociology of Education in India.
12. Kapp, K. W.—Hindu Culture, Economic Development and Economic Planning in India.
13. Kapadia, K. M. —Marriage and Family in India.
14. Karve, I.—Hindu Society : An Interpretation.
15. Kothari, R. —Caste in Indian Politics.
16. Mandelbaum, D. G.—Society in India (2 Vols.).
17. Mishra, B. B.—The Rise of the Indian Middle Class.
18. Mukherjee, R.—Sociology of Indian Sociology.
19. Myrdal, G.—Asian Drama (3 Vols.).
20. Rahunan, A.—Triveni : Science, Technology and Society.
21. Ross, A.—The Hindu Family in its Urban setting.
22. Rudolph, I.— and Rudolph, S.—Modernity of Tradition.
23. Singh, Y.—Modernization of Indian Tradition.
24. Singer, M. and Cohn, B.—Structure and Change in Indian Society.
25. Srinivas, M. N.—Social Change in Modern India.
26. Srinivas, M. N.—Caste in Modern India and other Essays.
27. Srinivas, M. N.—India's Villages.
28. Silverberg, J.—Social Mobility in the Caste System.
29. Vidyarthi, I. P.—Rise of Anthropology in India.

Paper I—*Social Demography*

Nature and scope of social demography ; social demography and other disciplines ; historical development of demographic studies ; rates and ratios used in demographic analysis.

Population Theories : Early Chinese, Greek and Roman thinkers ; Pre-Malthusian Theory ; Mercantilist school and political arithmeticians ; Malthusian theory ; classical and neo-classical ; natural theories *versus* social theories of population growth ; Marxist and socialist viewpoints ; optimum population theory, theory of demographic transition.

Growth and distribution of world population and Indian population—historical trend and causes ; components of population growth ; current population situation in developed and developing countries including India.

Sources of population data—population census, vital statistics and sample surveys ; Sample Registration Scheme in India ; evaluation of population data—evaluation procedures for checking accuracy and reliability of census and vital registration data.

Population structure and composition—sex and age structure of population—factors determining the age and sex structure of developed and developing countries ; other characteristics of population : ethnic, rural-urban, marital status, literacy and education, religion etc.

Fertility—fecundity and fertility ; basic measures of fertility and fertility control ; social, psychological and cultural correlates, levels and trends of fertility in developed and developing countries ; factors associated with long-term decline of fertility in developed countries ; factors related to high fertility in developing countries—role of economic, sociological and institutional factors, age at marriage, family structure and fertility ; differential fertility ; theories of fertility, fertility control programmes in India and other developing countries.

Mortality—morbidity and mortality ; basic measure of mortality ; sex and age patterns of mortality ; infant mortality—factors affecting infant mortality ; causes of death, levels and trends in mortality in developed and developing countries including India ; differential mortality—urban-rural, occupational, marital status and other differentials.

Migration—internal and international migration ; methods of measuring internal migration ; differential migration by age, sex, marital status and by educational attainment ; general theories of internal migration ; internal migration in India.

Population distribution and urbanization—measures of population distribution ; factors affecting population distribution ; role of eco-system ; urbanization—measures of urbanization ; levels and trends of world urbanization ; urbanization in India.

Labour force—some basic measures of economic activity and labour force analysis ; labour force in India—trends and levels of participation rates ; unemployment and underemployment in India—rural unemployment and underemployment, educated unemployed in urban areas.

Population projections—concepts and methods, utility and limitations of population projections, inter-censal estimates.

Population policy—pronatalist and anti-natalist policies ; migration-influencing and population redistribution policies ; population growth and socio-economic development ; social, economic and political determinants of population policy ; India's population policy—role of legislations in defining population policies, effectiveness of population policy implementation.

Readings

1. Agarwala, S. N.—India's Population Problems.
2. Barelay, G. W.—Techniques of Population Analysis.
3. Beshers, J. M.—Population Process in Social Systems.
4. Bogue, D. J.—Principles of Demography.
5. Bose, A.—India's Urbanization 1901-2001.
6. Bose, A. (Ed.)—Patterns of Population Change in India, 1951-61.
7. Bose, A., Desai, P. B. Mitra, A. and Sharma, J. N. (Eds.)—Population in India's Development 1947-2000.
8. Brown, A. A. and Neuberger, E. (Eds.)—Internal Migration : A Comparative Perspective.
9. Censuss of India—Indian Census in Perspective—Census Centenary Monography No. 1.
10. Chandrasekhar, S.—Infant Mortality, Population Growth and Family Planning in India.
11. Clarke, J. I.—Population Geography.
12. Coale, A. J. and Hoover, E. M.—Population Growth and Economic Development in Low-Income Countries.
13. Davis, K.—The Population of India and Pakistan.

14. Desai, P. B.—A Survey of Research in Demography (ICSSR Report).
15. Fawcett, J. T. (Ed.)—Psychological Perspectives on Population.
16. Ford, T. R. and De Jong, G. F. (Eds.)—Social Demography.
17. Freedman, R.—Sociology of Human Fertility.
18. Gyan Chand—Population in Perspective.
19. Harrison, G. A. and Boyce, A. J. (Eds.)—The Structure of Human Populations.
20. Hauser, P. M. and Duncan, O. D.—A Study of Population : An Inventory and Appraisal.
21. Husain, I. Z. (Ed.)—Population Analysis and Studies.
22. Jackson, J. A. (Ed.)—Migration.
23. Jain, S. P.—A Status Study of Population Research—Demography.
24. Jakobson, I. and Ved Prakash (Eds.)—Urbanization and National Development.
25. Kammeyer, K. C.—An Introduction to Population.
26. Mandelbaum, D. G.—Human Fertility in India.
27. Meek, R. L.—Marx and Engels on Malthus.
28. Mitra, A.—India's Population : Aspects of Quality and Control Vols. I and II.
29. Nag, M.—Factors Affecting Human Fertility in Non-industrial Societies.
30. Nam, C. B. (Ed.)—Population and Society.
31. Overbeek, J.—History of Population Theories.
32. Saxena, D. P.—Rural-Urban Migration in India : Causes and Consequences.
33. Shryeak, H. S. and Siegel, J. S.—The Methods and Materials of Demography, Vols. I & II.
34. Srivastava, S. C.—Studies in Demography.
35. Thompson, W. S. and Lewis, D. T.—Population Problems.
36. United Nations—Methods of Appraisal of Quality of Basic Data for Population Estimates—Manual II.
37. United Nations—The Determinants and Consequences of Population Trends—A New Summary of Findings, Vol. I.

38. United Nations—World Population Trends and Policies, Vols. I and II.
39. Wrong, D.—Population and Society.
40. Zachariah, K. C.—A Historical Study of Internal Migration in the Indian Sub-continent—1901-1931.

Paper II—*Sociology of Deviance*

Perspectives on Deviance : medical-psychiatric, psycho-analytic and psychopathological definitions of deviance ; deviance and social pathology ; personal and social disorganization ; deviance and feeble mindedness ; deviant behaviour and body types ; deviance, normality and the structure of Western civilization (the views of Formm, Szasz, Laing).

Sociological Approaches to Deviance : anomic (structural functionalism) ; social pathology ; cultural lag ; social disorganization ; social ecology ; labelling (or interactional) theory.

Deviance social structure and social processes : society as a normative system ; deviance and socialization ; social change, social disorganization and deviance ; deviance and culture conflict ; deviance and urbanization—industrialization ; role of doubt and disbelief ; constructive role of deviance.

Deviant Roles and Carreers : the process of becoming a deviant (the transition from deviant acts to deviant roles) ; social rules and deviance ; deviance and societal reaction ; primary and secondary deviance.

Deviant Collectivities and Subcultures ; deviance and the group context ; delinquent gangs and collectivities ; reversal of roles status, and identification in deviant subcultures ; deviant groups as harbingers of socio-cultural change.

Deviance and Social Control : Variations in the societal response to deviance (stigmatization, suppression, accommodation), the machinery of social control, types and variegated forms ; social control, conformity and social regimentation ; the legitimation and institutionalization of deviance in historical and social perspective.

Readings

1. Becker, H. S.—Outsiders : Studies in the Sociology of Deviance.
2. Bechar, H. S.—The Other Side : Perspectives on Deviance.
3. Becker, H. S.—Social Problems : A New Approach.

4. Block, H. A.—Disorganization: Personal and Social.
5. Clinard, M. B. —Sociology of Deviant Behaviour.
6. Clinard, M. B. —Anomi and Deviant Behaviour.
7. Cohen, A. K.—Deviance and Social Control.
8. Cohen, A. K.—Delinquent Boys: The Culture of the Gangs.
9. Fromm, E.—The Sane Society.
10. Goffman, E.—Asylums: Essays on the Social Situation of Mental Patients and Other Inmates.
11. Laing, R.—The Politics of Experience and the Bird of Paradise.
12. Lemert, E. H.—Social Pathology.
13. Lemert, E. H.—Human Deviance, Social Problems, and Social Control.
14. Lindenfeld, F. —Radical Perspectives on Social Problems.
15. Merton, R. K. —Social Theory and Social Structure.
16. Merton, R. K. and Nisbet, R.—Contemporary Social Problems.
17. Sellin, T.—Culture Conflict and Crime.
18. Smigel, E. O.—Handbook on the Study of Social Problems.
19. Suchar, C. S.—Social Deviance: Perspectives and Prospects.
20. Szasz, T.—The Myth of Mental Illness.
21. Thrasher, F. M.—The Gang.
22. Whyte, F. M.—Street Corner Society.
23. Worsley, P.—Problems of Modern Society.
24. David Matza—Becoming Deviant.

Paper III—*Sociology of Education*

Emergence of education as a distinct sub-system in society. Reciprocal relationship between the social system and the educational sub-system; from elite to mass education in modern society.

Linkage of education with social stratification and social mobility; articulation with economy and polity; loosening or stabilizing of status quo through education, Clash between the quality of home and community environment of the deprived and the merit system in education.

University as the custodian of knowledge and culture ; knowledge—explosion, fragmentation of knowledge—phenomenon of over-specialization ; difficulty in producing well-rounded, cultured and integrated personality. Competition from mass media in transmitting culture. Role of research in expanding knowledge and culture.

Critical role of information. Place of libraries, museums, publishing firms etc.

Changing aims of education in dynamic and rapidly changing society. Obsolescence of knowledge—inertia in educational sub-system to meet this challenge.

Education in Communist countries : distinctive features and variations.

Education in Third World countries : colonial experience ; modernization and education ; nation-building and education ; vast illiteracy and educated unemployed—their political and revolutionary potentials. Indian situation—adult illiteracy and low education, lower levels among tribals, Scheduled Castes, lower castes, rural areas and women.

De-schooling, informal education, continuing education movements.

Readings

1. Adams, D.—Education and Modernization.
2. Airan, J. W. (Ed.)—College Education in India.
3. Altbach, P. G.—New Colonialism in Education.
4. Altbach, P. G.—Student Politics in Bombay.
5. Altbach, P. G. (Ed.)—Turmoil and Transition : Higher Education and Student Politics in India.
6. Altbach, P. G.—Higher Education in Developing countries : A Selected Bibliography.
7. Ashly, E.—Universities : British, Indian, African.
8. Bank, O.—The Sociology of Education.
9. Bell, R. R. and Stub, H. R. (Eds.)—Sociology of Education : A Source Book.
10. Brown, F. J.—Educational Sociology.
11. Coleman, James S.—The Adolescent Society : The Social Life of the Teenager and Its Impact on Education.
12. Coleman, James S. (Ed.)—Education and Political Development.

13. Cook, E. F. and Cook, L. A.—A Sociological Approach to Education.
14. Crabbs, R. F. (Ed.)—Higher Education in a Developing Society.
15. Curle, A.—The Role of Education in Developing Societies.
16. Dibona, J. E. —Change and Conflict in the Indian University.
17. Durkheim, E.—Education and Sociology.
18. Freire, P.—Pedagogy of the Oppressed.
19. Gore, M. S., Desai, I. P. and Chitnis, S. (Eds.)—Papers in Sociology of Education.
20. Grant, N.—Soviet Education.
21. Halsey, A. H., Floud, J. and Anderson, C. Aronold (Eds.)—Education, Economy and Society : A Reader in the Sociology of Education.
22. Hansen, D. A. and Gerstl, J. E. (Eds.) —On Education : Sociological Perspectives.
23. Illich, I.—Deschooling Society.
24. King, A. J. —Education and Social Change.
25. Kothari, D. S.—Indian Education Commission Report.
26. Iazarsfeld, Paul F. and Thielens, W. (Jr.)—The Academic Mind.
27. Logan, D. —Universities ; The Years of Challenge.
28. McLuhan, Marshall—Understanding Media : The Extensions of Man.
29. Radhakrishnan, S.—Indian Education Commission Report.
30. Riesman, David—Constraint and Variety in American Education.
31. Roszak, T. (Ed.)—The Dissenting Academy.
32. Rudolph, L. and Rudolph, S. (Eds.)—Politics and Education in India.
33. Seabury, Paul (Ed.)—Universities in the Western World.
34. Shah, B. V.—Social Change and College Education.
35. Shils, E.—The Intellectual between Tradition and Modernity : The Indian Situation.
36. Useem, J. and Useem, R.—The Western Educated Man in India.
37. Veblen, Thorstein—The Higher Learning in America.
38. Waller, Willard W.—The Sociology of Teaching.
39. Worsley, P.—The Third World.
40. Wilson, Logan—The Academic Man.

Paper IV—*Ethnography*

The Tradition of Fieldwork in Anthropology : Origin and development of fieldwork ; changing theoretical perspectives and patterns of ethnography ; fieldwork in primitive and complex cultures ; the humanistic—scientific strain in anthropological research (ethnography as science, art, or both) ; trends in contemporary ethnography.

The Golden Age of Ethnography : Historical ethnography (Schmidt, Koppers, Heine-Geldern). American School of culture History (Franz Boas, Alfred Kroeber, Margaret Mead). British structural-functionalism (Malinowski, Radcliffe-Brown). Community Studies (Redfield, Nash).

The Ethnographic Experience : Psychological and social aspects of field work ; problems of participation and detachment in anthropological research ; ethnographer as a marginal native ; problems and prospects of being a female fieldworker ; acceptance of local food, use of the native tongue, and participation in rituals and ceremonies ; problems of studying one's own culture ; friendship as a strategy of field work.

Styles and Techniques in Fieldwork : Early informat-based studies ; participant observation ; life history and situational analysis ; the emic and etic approaches in anthropological research ; the use of scientific procedures in data collection.

Ethnography in India : Beginnings of fieldwork in Indian anthropology and sociology ; pioneers in ethnography ; tribal ethnography ; village and community studies ; problems of fieldwork in the Indian context.

Readings

1. Beteille, A. and Madan, T. N.—Encounter and Experience.
2. Bowen, E. S. —Return to Laughter.
3. Casagrande, J. B. (Ed.)—In the Company of Man.
4. The Methodology of Participant Observation.
5. Epstein, A. L.—The Craft of Social Anthropology.
6. Freilich, M.—Marginal Natives : Anthropologists at Work.
7. Golde, P.—Women in the Field.
8. Henry, F. and Saberwal, S.—Stress and Response in Fieldwork.
9. Honigmann, J. J.—Handbook of Social and Cultural Anthropology.
10. Kardiner, A.—The Studied Man.

11. Koppers, W.—Primitive Man and His World Picture.
12. Kuper, A.—Anthropologists and Anthropology—The British School.
13. Mead, M.—Letters from the Field.
14. Mead, M. and Bunzel, R.—The Golden Age of American Anthropology.
15. Murdock, G. P.—Outline of Cultural Materials.
16. Naroll, R. and Cohen, R.—A Handbook of Method in Cultural Anthropology.
17. Pelto, P. J. and Pelto, G. H.—Anthropological Research.
18. Powdermaker, H.—Stranger and Friend : The Way of an Anthropologist.
19. Royal Anthropological Institute : Notes and Queries on Anthropology.
20. Schmidt, N.—The Culture Historical Methods of Ethnology.
21. Spencer, R. F.—Method and Perspective in Anthropology.
22. Spindler, G. D.—Being an Anthropologist.
23. Srinivas, M. N. *et. al*—The Fieldworker and the Field.
24. Srinivas, M. N.—The Remembered Village.
25. Vidyarthi, L. P.—Rise of Anthropology in India.
26. Williams, T. R.—Field Methods in the Study of Culture.
27. Wilson, B. R. (Ed.)—Rationality.

Paper V—*Indian Anthropology*

Rise of Anthropology in India—the colonial background ; early pioneers ; phases of development and growth ; current trends and perspectives ; applied anthropology ; the debate over a national anthropology for India.

Pre-history and Proto-history in India : geographical and human background ; stone age ; peasant villages and proto-cities ; the Indus Valley Civilization ; the neolithic—chalcolithic cultures ; the iron age and the beginnings of history.

Races of India : classificatory schemes ; anthropometric surveys and serological studies ; the negrito problem ; the proto-Australoids ; the palaeo-Mongoloids.

Languages of India : linguistic surveys ; Tibeto-Burman languages ; Munda languages ; Indo-Aryan languages ; Dravidian languages ; linguistic integration and confluence in historical and contemporary perspectives.

Habitat, Economy and Cultural Patterns : cultural and human geography of India ; food gatherers and hunters ; shifting cultivators ; pastoralists ; settled agriculturists ; nomads and semi-nomads ; the Indian village.

Castes and Tribes : the caste system in historical and socio-cultural perspective ; caste and ethnicity ; regional and cultural variations in the caste system ; caste, kinship and family ; castes and tribes ; contemporary changes in the caste system ; the tribal problem of India ; Messianic movements ; tribal integration.

Readings

1. Abbi, B. and Saberwal, S.—Urgent Research in Anthropology.
2. Allchin, B.—The Birth of Indian Civilization.
3. Baines, A.—Ethnography.
4. Bose, N. K.—Culture and Society in India.
5. Chatterji, S. K. - -Languages and Literatures of India.
6. Cohn, B.—India : Social Anthropology of a Civilization.
7. Dube, S. C.—Tribal Heritage of India.
8. Elwin, Verrier—Loss of Nerve.
9. Fuchs, S.—Rebellious Prophets.
10. Ghurye, G. S.—Caste and Race in India.
11. Ghurye, G. S.—The Scheduled Tribes.
12. Gordon, D. H.—Prehistoric Background of Indian Culture.
13. Grierson, G. A.—Linguistic Survey of India.
14. Guha, B. S. - -Racial Elements in the Population of India.
15. Hutton, J. H.—Caste in India.
16. Karve, I.—Hindu Society : An Interpretation.
17. Karve, I.—Kinship Organization in India.
18. Madan, T. N. and Sarana, G.—Indian Anthropology.
19. Majumdar, D. N.—Races and Cultures of India.
20. Mandelbaum, D. G.—Society in India (2 Vols).

21. Sankalia, H. D.—Prehistory and Proto-history in India.
22. Singer, M. and Cohn, B.—Structure and Change in Indian Society.
23. Singh, K. S.—Tribal Situation in India.
24. Srinivas, M. N.—Social Changes in Modern India.
25. Tyler, S. A.—India : An Anthropological Perspective.
26. Vidyarthi, L. P.—Rise of Anthropology in India (2 Vols.).
27. Wheeler, M.—The Indus Civilization.

Paper VI—*Industrial Sociology*

Evolution of Industrial Sociology, contemporary development and its convergence with general fields of Organizational and Occupational Sociology.

Theoretical perspectives and models, the rationale of industrialization, the evolution of industrial society, the emergence of post-industrial society.

Organisation as a structure—formal and informal organizations ; lectures of formal organisation, line, staff and functional ; work relationship, effective communication in organisation ; recent trends in behavioural schemes and organizational theories ; bureaucracy ; weaknesses of the organizational structure.

Concept of management, schools of thought on management, systems approach to management, application of behavioural sciences to management.

Sociology of work-conditions and motivations, social adjustment of worker, alienation of labour, work and leisure.

Industrial evolution of India, role of private and public sectors, progress under planned economy, industrial policy, location of industries and regional balance.

Industrial relations—role of employers, unions and government ; industrial relations at plant, shop floor and industry levels ; works committees, supervisory and managerial staff association., special features of industrial relations in India.

Industrial conflict—causes, consequences and resolution ; machinery for the prevention and settlement of industrial disputes ; collective bargaining ; industrial democracy and workers' participation in management ; Indian situation.

Trade Unions—labour movement and trade union movement in advanced and developing economies ; role of unionism wage determination, productivity, industrial relations economic development, national policies ; problems of the trade union movement in India ; political unionism.

Industrial Legislation and Labour Welfare—origin, growth and types of industrial legislation in India ; labour welfare policy ; workers' education and training & social security ; labour welfare officers, social responsibilities of industry.

Industry and society—impact of industry upon society, future relationship of industry and society.

Readings

1. Aron, R.—Industrial Society.
2. Bell, Daniel—The Coming of Post-industrial Society.
3. Bendix, B.—Work and Authority in Industry.
4. Bhagwati, J. and Desai, P.—Indian Planning for Industrialization.
5. Burns, Tom—Industrial Man.
6. Caplow, T.—The Sociology of Work.
7. Cheek, N. H. and Burch, W. R. (Eds.)—The Social Organization of Leisure in Human Society.
8. Das, N.—Industrial Enterprise in India.
9. Drucker, P. F.—The New Society.
10. Ducker, P.—Technology, Management and Society.
11. Eldridge, J. E. T.—Industrial Disputes, Essays in the Sociology of Industrial Relations.
12. Flippo, E. B.—Management : A Behavioural Approach.
13. Friedmann, G.—Industrial Society.
14. Gadgil, D. R.—Industrial Evolution in Recent Times.
15. Giri, V. V.—Labour Problems in Indian Industries.
16. Couldner, A. V.—Patterns of Industrial Bureaucracy.
17. Hugh, J. E.—Human Relations and Modern Management.
18. Karnik, V. B.—Indian Labour : Problems and Prospects.
19. Kayner, R. S. and Schultz, K. F. —Industrial Development in India.

20. Kerr, C. *et. al*—Industrialism and Industrial Man.
21. Kornhauser, A. and Others (Eds.)—Industrial Conflict.
22. Kuchhal, S. C.—The Industrial Economy of India.
23. Lupton, T.—Management and Social Sciences.
24. March, J. G. and Simon, H. A.—Organisations.
25. Mathur, A. S.—Labour Policy and Industrial Relations in India.
26. McFarland, D. E.—Management : Principles and Practices.
27. Melvin, W. R.—Labour in a Growing Economy.
28. Micheal, U. P.—Industrial Relations in India and Workers Involvement in Management.
29. Miller, D. C. and Form, W. H.—Industrial Sociology.
30. Moore, W. E.—Industrial Relations and the Social Order.
31. Mountjoy, A. B.—Industrialization and Underdeveloped Countries.
32. Meyers, C. A. and Kannapan, S.—Industrial Relations in India.
33. Nosow and Form (Eds.)—Man, Work and Society.
34. Parker, S. R. and Others (Eds.)—The Sociology of Industry.
35. Rosen, Y.—Industrial Change in India.
36. Roth, G. and Wittich, C. (Eds.)—Economy and Society : An Outline of Interpretive Sociology by Max Weber.
37. Scheneider, E. V.—Industrial Sociology.
38. Schumacher, E. F.—Small is Beautiful.
39. Sharma, B. R.—Indian Industrial Worker, Issues in Perspective.
40. Soni, H. R.—Indian Industry and Its Problems.
41. Tannenbaum, F.—A Philosophy of Labour.
42. Taylor, L.—Occupational Sociology.
43. Vaid, K. N.—Industrial Disputes in India.
44. Vaid, K. N.—Labour Welfare in India.
45. Vincent M. and Mayers, J. M. (Eds.)—New Foundations for Industrial Sociology.

Paper VII— *Sociology of Knowledge*

Sociology of Knowledge perspective—thought a social product.

Formulation of Francis Bacon.

The Age of Enlightenment in France—contributions of Montesquieu and Compe.

Impact of Marx—base and superstructure relationship ; relativization of thought, class and ideas, ideology in thought, autonomy or dependence of ideas, place of consciousness, dialectical relationship ; later developments in Marxist thought.

Developments within German sociological tradition—contribution of Max Weber, Max Scheler and Mannheim ; place of meanings, “real factors,” generations within class, universal relativism, ideology and utopia, intellectuals as a distinct group in society.

Contributions of Durkheim ; impact of his ideas on French scholars ; time and space categorization ; application of his ideas to other societies.

Pragmatism in the United States ; importance of Veblen and Mead—mind as a social product.

American emphasis on consumption of ideas—place of audience and social circle ; mass communication ; organisation of academic life. Special case of Sorokin in American Sociology—combination of European and American perspectives ; culture—mentality ; idealistic and emanationist view of knowledge.

Phenomenological Sociology and Sociology of Knowledge—emphasis on everyday life, society as subjective and as objective reality ; place of Schutz—application of his ideas by Berger.

Ethnomethodological perspective in Sociology of Knowledge.

Role of language.

Nomic functions of religion.

Overflow of Sociology of knowledge perspective in demarcated fields—Sociology of Science, Sociology of Art, Sociology of Literature etc.

Links of Sociology of Knowledge with Theoretical Sociology and Philosophy.

Readings

1. Berger, Peter L.—*Social Reality of Religion*.
2. Berger, Peter L. and Luckmann, T.—*The Social Construction of Reality*.
3. Berger, Peter L., Berger, B. and Kellner, H.—*The Homeless Mind*.
4. Bottomore, T. B. and Nisbet, R. (Eds.)—*A History of Sociological Analysis*.
5. Childe, Gordon V.—*Society and Knowledge*.
6. Coser, L.—*Masters of Sociological Thought*.
7. Coser, L.—*Men of Ideas*.
8. Curtis, J. E. and Petras, J. W. (Eds.)—*The Sociology of Knowledge : A Reader*.
9. DeGre, G. I.—*Society and Ideology*.
10. Durkheim, E. and Mauss, M.—*Primitive Classification*.
11. Durkheim, E.—*The Elementary Forms of the Religious Life*.
12. Friedrichs, R. W.—*The Sociology of Sociology*.
13. Garfinkel, H.—*Studies in Ethnomethodology*.
14. Gerth, H. H. and Mills, C. Wright (Eds.)—*From Max Weber : Essays in Sociology*.
15. Goff, T. W.—*Marx and Mead : Contributions to a Sociology of Knowledge*.
16. Hamilton, P.—*Knowledge and Social Structure*.
17. Horowitz, I. L.—*Philosophy, Science and the Sociology of Knowledge*.
18. Highes, Stuart H.—*Consciousness and Society*.
19. Lazarsfeld, Paul F. and Thielems, W. Jr.—*The Academic Mind*.
20. Lukas, G.—*History and Class Consciousness*.
21. Mannheim, K.—*Ideology and Utopia*.
22. Mannheim, K.—*Essays on the Sociology of Knowledge*.
23. Maquet, J. J.—*The Sociology of Knowledge, Its Structure and Its Relation to the Philosophy of Knowledge : A Critical Analysis of the system of Mannheim and Sorokin*.
24. Martindale, D.—*Nature and Type of Sociological Theory*.

25. Marx, K. and Engels, F.—The German Ideology.
26. McEwen, W. P.—The Problem of Social Scientific Knowledge.
27. McLellan, D.—The Thought of Karl Marx.
28. Merton, R. K.—Science, Technology and Society in 17th Century England.
29. Merton, R. K.—Social Theory and Social Structure (Part III).
30. Mills, C. Wright—Power, Politics and People.
31. Natanson, M. (Ed.)—Philosophy of Social Sciences.
32. Parsons, T.—The Structure of Social Action.
33. Parsons, T.—The Social System.
34. Remmling, G. W.—The Sociology of Karl Mannheim.
35. Remmling, G. W. (Ed.)—Towards Sociology of Knowledge.
36. Scheler, Max—Problems of Sociology of Knowledge.
37. Sorokin, P. A.—Social and Cultural Dynamics.
38. Stark, W.—The Sociology of Knowledge.
39. Stark, W.—Montesquieu : Pioneer of the Sociology of Knowledge.
40. Staude, J. R. Max Scheler : An Intellectual Portrait.
41. Wilson, L.—The Academic Man.
42. Znaniecki, F.—The Social Role of the Man of Knowledge.

Paper VIII—*Sociology of Karl Marx*

Social Background of Karl Marx.

Social Origins of Karl Marx's Thought : Influence of an reaction to following social thinkers : Epicurus—freedom and self-consciousness ; Moses Hess Philosophy of action and Revolution and Freedom ; Feuerbach—Religious alienation and sought of religious fallacy ; Saint Simon—Historical evolution of instruments of production and centralized planning ; Hegel (*vide IIa*).

Social implications in Marx's early philosophical and political writings from :—

Critique of Hegels Philosophy of the Right 1843 : The State, Society and Individuality ; Discovery of the proletariat.

On the Jewish Question : The idea of social emancipation.

Economic and Philosophical Manuscripts 1844 : Labour as the foundation of humanity ; alienation of labour—dehumanized man.

Holy Family 1845 : Class consciousness of the proletariat : Masses and progress ; Communism as a historical trend.

Germany Ideology 1846 : The materialistic conception of history ; material basis of social formations ; division of labour and its social consequences ; individualistic and conditions for freedom ; the real liberation of man ; the epistemology meaning of the theory of false consciousness.

Communist Manifesto 1848 : Relationship between bourgeoisie and the proletariat class struggles and its role in history.

Capital 1867 : Primitive accumulation of capital ; commodity production, labour theory of value ; production of surplus value—exploitation of labour.

Marxism after Marx.

Revolutionary Marxists : Lenin, V. I.—Role of Party ; Imperialism ; State National Question.

Mao Tse-Tung—Class and Contradictions, Role of the Masses ; Role of the Peasantry in Social Change.

Neo-Marxists : Lukacs, G.—Class Consciousness, Critique of Empiricism.

Korsch, K.—Theory and Practice ; Movement and Ideology and Historical Relativity.

Gramsci, A.—Philosophy of Culture ; Intellectuals and Class Struggle.

Marcuse, H.—Unidimensionality of Capitalist Society.

Lefebure, H.—The Concept of Total Man ; Alienation.

Adorno, T. W.—Degradation of Art in Capitalist Societies.

Goldmann, L.—Genetic Structuralism, Weltanschauung.

The New Left—The Irrelevance of Working Class ; The Totality of Revolution.

Readings

1. Adorno, T. N.—*Negative Dialectics*.
2. Anderson, P.—*Consideration on Western Marxism*.
3. Bottomore, T. and Rubel, M.—*Karl Marx : Selected Writing in Sociology and Social Philosophy*.
4. Engels, F.—*Socialism : Utopian and Scientific*.
5. Engels, F.—*Anti-Duhring*.
6. Goldman, L.—*The Hidden God*.
7. Goldman, L.—*The Human Science and Philosophy*.
8. Gramsci, A.—*Selection from Prison Notebooks*.
9. Horkheimer, M. and Adorno, T.—*Dialectic of Enlightenment*.
10. Kolakowski, L.—*Main Currents of Marxism : Its Origin, Growth and Dissolution (3 vols.)*.
11. Korsch, K.—*Marxism and Philosophy*.
12. Lefebvre, H.—*Everyday Life in Modern World*.
13. Lefebvre, H.—*Dialectical Materialism*.
14. Lenin, V. I.—*Imperialism The Highest Stage of Capitalism*.
15. Lenin, V. I.—*What Is To Be Done*.
16. Lenin, V. I.—*The Question of Nationalities*.
17. Luke, G.—*History and Class Consciousness*.
18. Mao Tse-Tung—"On Practice," "On Contradiction," "Some Questions Concerning Methods of Leadership," "Report on an Investigation on the Peasant Movement in Hunan" (from Selected Works).
19. Marcuse, H.—*One Dimensional Man*.
20. Marx, K.—*Capital*.
21. Marx, K.—*Communist Manifesto*.
22. Marx, K.—*Critique of Hegel's Philosophy of the Right*.
23. Marx, K.—*Economic and Political Manuscripts*.
24. Marx, K.—*German Ideology*.
25. Marx, K.—*Holy Family*.
26. Marx, K.—*Grundrisse*.

27. Marx, K.—On the Jewish Question.
28. McLelland—Marxism After Marx.
29. Mehring, F.—Karl Marx.
30. N.I.R. (Ed.)—Western Marxism a Critical Reader.
31. Trotsky, I.—The Permanent Revolution.

Paper IX—*Sociology of Social Movements*

What is a social movement? Role of perception of relative deprivation in accentuating discontent in a changing society. Articulation of discontent and projection of an alternative. Scope and success of articulation dependent on degree of dissent permitted in society. Secret societies of dissenting groups as enclaves.

Social base of a movement ; the role of the participating masses.

Explicit and conscious indictment of the whole or a part of the existing social order.

Role of ideology, slogans and symbols as rallying points of diffused discontent.

Leadership of the movement, especially charismatic leadership. Relationship between leaders, followers and the constituency they seek to serve. Democratic Vs. authoritarian leadership.

Counter-movement by the status-quo group.

Life-cycle of a movement.

Politicalization of the movement—links with political parties or its own transformation into a political party.

Role of the mass media in the success or the failure of the movement—importance of public image.

Utopian aspects of movements : demand for equality ; property and power seen as anti-equalitarian.

Religious and secular movements.

Historical importance of class-origin and ethnic-origin movements. Sex-based movement in contemporary situation.

Protest, reformist, radical and revivalist movements.

Short-lived and long-lived movements : source of sustenance.

Role of marginal men.

Schisms and splits within movements.

Success of a movement : total structural change or partial institutional changes.

End of a movement.

Formation of new public opinion and sharpening of new consciousness even if the movement is not fully successful.

Back-lash of a movement.

Eventual growth of a whole civilization on the basis of a powerful and dynamic movement.

Social movement an instrument of social change in some or all aspects of the existing social order.

Readings

1. Apter, D. E. (Ed.)—*Ideology and Discontent*.
2. Banks, J. A.—*The Sociology of Social Movement*.
3. Bell, D.—*The End of Ideology*.
4. Bellah, R. N. (Ed.)—*Religion and Progress in Modern Asia*.
5. Brinton, C.—*The Anatomy of Revolution*.
6. Cantril, H.—*The Psychology of Social Movements*.
7. Cantril, H.—*The Politics of Despair*.
8. Davis, J.—*Contemporary Social Movements*.
9. Desai, A. R.—*Social Background of Indian Nationalism*.
10. Desai, A. R. (Ed.)—*Peasant Struggles in India*.
11. Emerson, R.—*From Empire to Nation : The Rise to Self-assertion of Asian and African Peoples*.
12. Fuesh, S.—*Rebellious Prophets*.
13. Gittler, J. B. (Ed.)—*Review of Sociology : An Analysis of a Decade*.

14. Gouldner, A. W. (Ed.)—*Studies in Leadership*.
15. Heberle, R.—*Social Movements : An Introduction to Political Sociology*.
16. Hobshawm, E.—*Primitive Rebels : Studies in Archaic Forms of Social Movements in the 19th and 20th Centuries*.
17. Kornhauser, W.—*The Politics of Mass Society*.
18. Landauer, C.—*European Socialism : A History of Ideas and Movements from the Industrial Revolution to Hitler's Seizure of Power*.
19. Lipset, S. M.—*Agrarian Socialism*.
20. Lipset, S. M.—*Political Man : The Social Bases of Politics*.
21. Lipset, S. C. (Ed.)—*Dissent, Protest and Reform in Indian Civilization*.
22. Mannheim, K.—*Ideology and Utopia*.
23. Martinadale, D.—*Social Life and Cultural Change*.
24. Oommen, T. K.—*Charisma, Stability and Change : An Analysis of Bhoodan—Gramdan Movement in India*.
25. Pearlman, S.—*A Theory of the Labour Movement*.
26. Rao, M. S. A.—*Social Movements in India (2 Vols.)*.
27. Roszak, T.—*The Making of a Counter Culture*.
28. Roucek, J. (Ed.)—*Contemporary Political Ideologies*.
29. Rude, G.—*The Growth in the French Revolution*.
30. Schumpeter, J. A.—*Capitalism, Socialism and Democracy*.
31. Smelser, N. J.—*Theory of Collective Behaviour*.
32. Turner, R. H. and Killian, L. M.—*Collective Behaviour*.
33. Weber, Max—*The Theory of Social and Economic Organization*.

Paper X—*Society, Culture and Personality*

The Social Meaning of Human Nature : The biological bases of human personality ; comparative studies of animal and human traits (ethology, socio-biology) ; diversity of human behaviour patterns ; cultural universals ; the quintessence of human nature.

Personality and the Socio-cultural System : Human self and enculturation/socialization ; child rearing practices in cross-cultural perspective ; cultural conditioning and temperamental types ; sex differentiation and sex

roles in various cultures; personality and socio-cultural change (acculturation, modernization, detribalization).

Personality Identity and the Social Context: Personal identity, self-conception, identification; personal status and self-esteem; transformations of personal identity; individual differences and cultural patterns; reference groups and personal orientations.

Mass Society and the Individual: Characteristics of mass society; individual in relation to mass society; depersonalization and dehumanization; the revolt against mass society; individualism, non-conformity and the counter culture; the vogue of Eastern philosophies and cultural patterns in the West.

Alienation: Perspectives on alienation; alienation and the socio-cultural system; alienation in historical and contemporary perspectives; alienation and the problem of generations; marginality and marginal man; deviance and the social structure.

Mental Health, Mental Illness and Society: Normality and abnormality: clinical-psychiatric and socio-cultural definitions; the rational and the irrational: the overlap between the two spheres (shamanism; para-psychology, occultism); mental illness and the anti-psychiatry movement; mental illness and socio-cultural processes.

Readings

1. Becker, E.—The Denial of Death: Man's Transformation of Reality
2. Berger, P.—The Homeless Mind: Man's Transformation of Reality.
3. Bronowski, J.—The Ascent of Man.
4. Fromm, E.—The Sane Society.
5. Erickson, E.—Childhood and Society.
6. Gergen, K. J.—The Concept of Self.
7. Giner—Mass Society.
8. Haring, D. G.—Personal Character and Cultural Milieu.
9. Honigmann, J. J.—Culture and Personality.
10. Hsu, F. L. K.—Psychological Anthropology.
11. Kakar, S.—The Inner World.
12. Kaplan, A.—Individuality and the New Society.

13. Kaplan, B.—*Studying Personality Cross-culturally.*
14. Kluckhohn, C. *et. al*—*Personality in Nature, Culture and Society.*
15. Krutch, J. W.—*The Measure of Man : On Freedom, Human Values, Survival and the Modern Temper.*
16. Laing, R. D.—*The Politics of Experience and the Bird of Paradise.*
17. Mead, G. H.—*Mind, Self and Society.*
18. Mead, M.—“ The Study of National Character ” in H. Lasswell (Ed.) —*The Policy Sciences.*
19. Mead, M.—*Male and Female.*
20. Nisbet, R.—*The Quest for Community.*
21. Nisbet, R.—*The Sociological Tradition.*
22. Schacht, R.—*Alienation and the Social System.*
23. Shibutani, T.—*Society and Personality.*
24. Smelser, N. J.—*Personality and the Social System.*
25. Spratt, P.—*Hindu Culture and Personality.*
26. Roszak, T.—*The Making of a Counter Culture.*
27. Thorpe, W. H.—*Animal Nature and Human Nature.*
28. Whiting, B. B. and Child, I. L.—*Child Training and Personality : A Cross Cultural Study.*

Paper XI—*Political Sociology*

Sociological approach to the study of politics—social bases of politics. Sociology, Political Sociology and Political Theory —their inter-relationship.

Intellectual orientations of Karl Marx and Max Weber to the subject ; impact of their ideas ; radical and conservative perspectives ; conflict or consensus as prime basis of politics.

Political culture and political socialization—people’s participation in political processes. Political apathy—its causes and consequences.

Political power—ruling class, elite, bureaucracy as holders. Concentration or dispersal of political power in policy and society. Politicalization of the whole society today.

Management of dissent in society—dissent legitimate or illegitimate.

Political parties as organised public opinion ; mediation between political institutions and masses ; recruitment ; mass participation responsiveness of polity ; democratic or oligarchic tendencies within parties.

Public opinion—role of mass media ; problems of communication in literate/visual and illiterate societies ; its impact on parties and polity.

Role of trade unions and other interest groups.

Voting behaviour : dynamics of electoral process.

Debate over the end of ideology in the West. Importance of ideology for newly-independent nations. Role of the intellectual.

Struggle for liberation ; political experience and growth of nationalist leadership ; political stability and political participation in newly-independent nations ; problems of Western-educated/oriented leaderships ; Revolution of rising expectations—varieties of deprived groups. Social movements around major demands.

Role of the military in the polity of the new nations.

Indian political scene—role of caste, religion, language and region. Centripetal and centrifugal tendencies. Future of Indian polity.

Readings

1. Almond, Gabriel, A. and Coleman, James S. (Eds.)—The Politics of the Developing Areas.
2. Almond, Gabriel, A. and Verba, Sidney—The Civic Culture : Political Attitudes and Democracy in Five Nations.
3. Baviskar, B. S.—Politics of Development.
4. Bell, D.—The End of Ideology : On the Exhaustion of Political Ideas in the Fifties.
5. Bhaskaran, R.—Sociology of Politics.
6. Dahl, Robert, A.—Who Governs ?
7. Dahrendori, R.—Class and Class Conflict in Industrial Society.
8. Desai, A. R.—Social Background of Indian Nationalism.
9. Desai, A. R.—Recent Trends in Indian Nationalism.
10. Deutsch, Karl W.—Nationalism and Social Communication—An Enquiry into the Foundations of Nationality.

11. Duverger, M.—Political Parties : Their Organisation and Activity in the Modern State.
12. Duverger, M.—The Idea of Politics.
13. Engels, F.—The Origin of Family, Private Property and State.
14. Eisenstadt, S. N.—Political Systems of Empires.
15. Fortes, Meyer and Evans, Pritchard, E. E. (Eds.)—African Political Systems.
16. Frankel, H.—Capitalist Society and Modern Sociology.
17. Geertz, C.—(Ed.)—Old Societies and New States : The Quest for Modernity in Asia and Africa.
18. Gerth, H. H. and Mills, C. Wright (Eds.)—From Max Weber : Essays in Sociology.
19. Harrison, S. S.—India : The Most Dangerous Decades.
20. Janowitz, M.—The Military in the Political Development of New Nations : An Essay in Comparative Analysis.
21. Kothari, R.—Caste and Policies in India.
22. Kothari, R.—Politics in India.
23. Kornhauser, W.—The Politics of Mass Society.
24. Lasswell, H. D.—Politics : Who Gets What, When, How ?
25. Lasswell, H. D. and Kaplan, A.—Power and Society : A Framework for Political Enquiry.
26. Lenin, V. I.—The State and Revolution.
27. Lindereld, F.—(ed.)—Reader in Political Sociology.
28. Lipset, S. M.—Political Man --The Social Bases of Politics.
29. Lipset, S. M. and Bendix, R. (Ed.)—Class, Status and Power.
30. Michels, R.—Political Parties : A Sociological Study of the Oligarchical Tendencies of Modern Democracy.
31. Miliband, R.—The State in a Capitalist Society.
32. Mills, C. Wright—The Power Elite.
33. Moore, B. Jr.—Terror and Progress : U.S.S.R. : Some Sources of Change and Stability in the Soviet Dictatorship.
34. Moore, B. (Jr.)—Social Origins of Dictatorship and Democracy.
35. Morris-Jones, W. H.—The Government and Politics in India.

36. Mosca, G.—The Ruling Class.
37. Pizzorno, A. (Ed.)—Political Sociology.
38. Philips, C. H.—(Ed.)—Society and Politics in India.
39. Schumpeter, J. A.—Capitalism, Socialism and Democracy.
40. Shils, E.—Political Development in the New States.
41. Weiner, M.—The Politics of Scarcity.

Paper XII—*Sociology of Religion*

Evolution of the concept of religion: The rationalist and romanticist explanation.

Detailed examination of the concept of religion as presented by Taylor, Marx, Durkheim, Freud and Max Weber.

Relationship between: religion and morals; religion and politics; religion and economics; religion and science; religion and personality.

Function of religion in primitive societies.

Social function of religion in modern societies; economic function of religion; privatization of religion, demythologization of religion—functional alternatives to religion in modern societies.

Religion in South Asia.

Religion and Social Change.

Secularization of Society.

Readings

1. Barnes, H. R. and Becker, H.—Social Thought from Lore to Science.
2. Bellah, R. (Ed.)—Religion in South East Asia.
3. Benson, P. H.—Religion in Contemporary Culture: A Study of Religion Through Social Science.
4. Berger, P.—Social Reality of Religion.
5. Birnbaum, N. and Lenzer, G. (Eds.)—Sociology and Religion.
6. Brothers, J. (Ed.)—Readings in the Sociology of Religion.
7. Calverton, V. F.—The Passing of Gods.

8. Campbell, C.—Towards a Sociology of Irreligion.
9. Clayton, F. J. and Horoaz, W. (Eds.)—Religion in Philosophical and Cultural Perspectives: A New Approach to the Philosophy of Religion Through Cross-disciplinary Studies.
10. Cutler, D. R. (Ed.)—The Religious Situation.
11. Demerath, N. J. III and Hammond, P. E.—Religion in Social Context.
12. Durkheim, E.—The Elementary Forms of the Religious Life.
13. Freud, S.—Future of an Illusion.
14. Glock, C. and Stark, R.—Religion and Society in Tension.
15. Goode, W. J.—Religion Among Primitives.
16. Goode, W.—A General Theory of Secularization.
17. Hooykaas, R.—Religion and the Rise of Modern Science.
18. Iewy, G.—Religion and Revolution.
19. Ling, T. O.—Religious Change and the Secular State.
20. Luckmann, T.—Invisible Religion—The Problem of Religion in Modern Society.
21. Martin, D.—General Theory of Secularization.
22. Marx, K. and Engels, F.—On Religion (tr. from the Russian).
23. Nottingham, E. K.—Religion: A Sociological View.
24. Robertson, R.—Sociology of Religion.
25. Schneider, L. (Ed.)—Religion, Culture and Society.
26. Thapar, R.—A History of India.
27. Thomas, F. H.—The Sociology of Religion.
28. Tylor, E. B.—Anthropology.
29. Wallace, Anthony F. C.—Religion: An Anthropological View.
30. Weber, Max—Religion of India: The Sociology of Hinduism and Buddhism.
31. Weber, Max.—Protestant Ethics and the Spirit of Capitalism.
32. Weber, Max—The Religion of China: Confucianism and Taoism.
33. Yinger, M.—Religion, Society and Individual.

Paper XIII—*Rural Sociology of India*

Scope of rural sociology.

Perspectives in the study of rural sociology.

(Village as an isolated community *Vs.* village as a part of the world system).

Changing pattern of agrarian relations in India.

Impact of colonization on rural India.

(Underdevelopment ; pauperization of rural areas ; emergence of new class structure).

Peasant struggles

(Its causes : its consequences—continuing peasant struggles).

Land legislations ; continuity and change in land tenure system.

Contemporary rural social structure.

(Theoretical and practical consequences of differentiation of peasantry. Controversy regarding the mode of production ; relations between the class and the caste structures. Special problems of landless labour, scheduled castes and tribes).

Assessment of rural development programmes.

(Place of rural development in the Plans ; Evaluation of the programmes *viz.* infra-structure building, C.D.P. P.R., Co-operative movement, green revolution, S.F.D.A., etc.).

Readings

1. Aurora, B. C.—Integrated Rural Development.
2. Baden-Powell—Land System of British India.
3. Bettlheim, C.—Indian Independent.
4. Breman, J.—Patronage and Exploitation : Changing Agrarian Relations in South Gujarat.
5. Das, A. N. and Nilakant, V.—Agrarian Relations in India.
6. Desai, A. R.—Rural Sociology in India.

7. Desai, A. R.—Peasant Struggles in India.
8. Dayal, R.—Community Development Programme in India.
9. Djurfeldt, G. and Lindberg, G.—Behind Poverty.
10. Dube, S. C.—Indian Village.
11. Dumont, R.—Types of Rural Economy.
12. Epstein, T. S.—Economic Development and Social Change in South India.
13. Frankel, F.—India's Green Revolution.
14. Frankel, F. and Von Vorys, K.—The Political Challenge of Green Revolution.
15. Fryenberg, R. E.—Land Tenure and Peasants in South Asia.
16. Hobsbawm, E. J. *et. al.*—Peasants in History : Essays in honour of Daniel Thorner.
17. Joshi, P. C.—Land Reforms in India.
18. Kotovsky, S.—Agrarian Reform in India.
19. Gupta, S. C.—Agrarian Relations in Moghul India.
20. Habib, I.—Agrarian System of Moghul India.
21. Kulkarni, A. R.—Maharashtra in the Age of Shivaji.
22. Ladejinsky, W.—Land Reforms as Unfinished Business.
23. Mahar, J. M.—The Untouchables in Contemporary India.
24. Mencher, J.—Agriculture and Social Structure in Tamil Nadu, Past Origins, Present Transformation and Future Prospects.
25. Rao, M. S. A.—Social Moments in India (Vol. I) : Peasant and Backward Classes.
26. M. S. A.—Urbanization and Social Change.
27. Redfield, R.—The Little Community.
28. Report of the Agrarian Reforms Committee (1949).
29. Reports of the Commissioner of Scheduled Castes and Scheduled Tribes, Government of India.
30. Rosen, G.—Peasant Society in a Changing Economy.
31. Rosenthal, R.—The Expensive Elite.
32. Schultz, T. W.—Transforming Traditional Agriculture.

33. Shanin, T. (Ed.)—Peasants and Peasant Societies.
34. Srinivas, M. N.—India's Villages.
35. Srinivas, M. N.—Remembered Village.
36. Thapar, R.—A History of India (Vol. I).
37. Thorner, D.—The Shaping of Modern India.
38. Wadhwa, D. C.—Agrarian Legislation in India 1793-1963.

Paper XIV—*Comparative Rural Sociology*

Rural Societies : Its nature and history ; its relations with urban area.

Peasants as a social category.

Impact of colonialism and imperialism on peasant Societies.

Emergence of class structure and its impact on Peasant Societies.

Role of Peasantry in Social Change.

Role of State in Rural Development.

Growth of capitalist farmer, relations between capitalist farmer and the State. Role of capitalist farmer in Social Development.

Structure and pattern of agrarian relations in force in socialist state. The pattern of rural development in post-revolutionary period. The nature of urban-rural differentiation, its impact on rural development.

Profiles of : Brazil, Chile ; Kenya, Tanzania ; Japan ; USA ; China and USSR.

Readings

1. Bettelheim, C.—Class Struggles in USSR.
2. Boserup, E.—Women's Role in Economic Development.
3. Carr, E. H.—Bolshevik Revolution Before and After.
4. Constandse, R.—Rural Sociology in Action.
5. Cox, T. M.—Rural Sociology in the Soviet Union.
6. Davies, R. W. and Shaw, D. J.—(Eds.)—Soviet Union.
7. Dore, P. P.—Land Reforms.

8. Fichter, G. A.—Brazil since 1964.
9. Flynn, P.—Brazil a Political Analysis.
10. Frank, A. G.—Capitalism and Underdevelopment in Latin America.
11. Galeno, E.—Open Veins of Latin America.
12. Halliday, J. and McCormack, G.—Japanese Imperialism Today.
13. Harris, R.—Political Economy of Africa.
14. Hinton, W.—Fanshen.
15. Hobsobawm, E. *et. al.*—Peasants in History.
16. Inter-American Development Bank—Economic and Social Progress in Latin America (1978 Report).
17. Kim, K. S. *et. al* (Ed.)—Papers on the Political Economy of Tanzania.
18. Koslow J.—Despised and the Damned: The Russian Peasant Through the Ages.
19. Lenin, V. I.—Collected Works (Vols. 5 and 22).
20. Leys, C.—Underdevelopment in Kenya.
21. Mao-Tse Tung—Selected Works.
22. Mbilinvi, S. M. (Ed.)—Social Sciences and Agricultural Development in Tanzania.
23. Moore, Barrington (Jr.)—Social Origins of Dictatorship and Democracy.
24. Myrdal, J.—Report from a Chinese Village.
25. Myrdal, J.—The Revolution Continued.
26. Norman, E. H.—Japan's Emergence as a Modern State.
27. Normans, J. F.—Brazil a Study of Economic Types.
28. Nove, A.—Stalinism and After.
29. Ogot, B.A.—History and Social Change in Africa.
30. Okhawa, J. K.—Agriculture and Economic Growth—Japan's Experience.
31. Omari, C. K.—Strategy for Rural Development: The Tanzanian Experience.
32. Pipping, K. Land Holding in Usanger Plain: A Survey of Two Villages in Southern Highlands of Tanzania.
33. Sanderson, D.—Rural Sociology and Rural Social Organization.

34. Sansom, G.—A Short Cultural History of Japan.
35. Smith, T.—Agrarian Origins of Modern Japan.
36. Sorokin, P. A.—*et al*—A Systematic Source Book of Rural Sociology (Vols. i—iii).
37. Stevenhagen, R.—Class Structure in Agrarian Societies.
38. Suin, H.—China 2001.
39. Tsunoyama, S.—A Concise Economic History of Japan.
40. Wilson, D.—Quarter of a Mankind.
41. World Bank Kenya into the Second Decade.
42. Zwananberg, R. V.—European Economy of Kenya 1919—1939.

Paper XV—*Social Statistics*

Definition and Scope of Social Statistics; its relevance to Sociology and other social sciences; functions and limitations of social statistics. Primary and secondary sources of data.

Statistical analysis and presentation of data; frequency distributions, continuous and discrete series, graphic representation of data; nominal, ordinal, interval and ratio scales of measurement; rates and percentages, univariate and multivariate frequency tables.

Measures of central tendency—mean, median, mode; measures of dispersion—range, mean deviations, quartile deviations, standard deviations; coefficient of variations.

Measures of association—concept of correlations, types of correlation—product—moment correlations, rank correlations, partial and multiple correlations; utility and limitations of correlational analysis in social science; concept of regression analysis and prediction.

Elementary ideas of probability; theoretical probability distributions: normal, binomial and Poisson distributions.

Sampling techniques—purpose of sampling ; advantages and limitations of sampling in social studies ; random and non-random sampling methods—simple random, systematic random, cluster, purposive and quota sampling methods ; unistage and multistage sampling ; sampling and non-sampling errors, methods of reducing sampling and non sampling errors.

Analysis of time series ; graphic representation of time series ; utility and limitations of analysis of time series ; components of time series : secular, seasonal, cyclical, and irregular.

Parametric and non-parametric tests of hypothesis ; null, alternate, simple and composite hypotheses ; large sample tests and small sample tests ; use of Student's t, Chi-square and F tests ; regions of acceptance and rejection of hypotheses ; levels of significance.

Analysis of variance, factorial analysis—its uses in social research, interpolation and extrapolation.

Organizations for collecting statistical data in India ; illustrative examples from Population Census, vital statistics registration systems, National Sample Surveys etc.

Readings

1. Central Statistical Organization—Statistical System in India.
2. Cochran, W. G.—Sampling Techniques.
3. Conover, W. J.—Practical Non-Parametric Statistics.
4. Elhance, D. N.—Fundamentals of Statistics.
5. Garrett, H. D.—Statistics in Psychology and Education.
6. Graham, S.—A Statistical Source Book for Sociologists.
7. Hagood, M. J. & Price, D. O.—Statistics for Sociologists.
8. Hansen, M. H. Hurwitz, W. N. & Madow, W.G.—Sample Survey Methods and Theory, Vols. I and II.
9. Kendall, M. G.—The Advanced Theory of Statistics, Vol. I.

10. Longley-Cook, L. H.—Statistical Problems.
11. Mueller, J.H. & Schuessler, K.F.—Statistical Reasoning in Sociology.
12. Murthy, M. N.—Sampling Theory and Methods.
13. Noether, G. E.—Introduction to Statistics: A Fresh Approach.
14. Yeomans, K. A.—Statistics for the Social Scientist: Introducing Statistics.

Paper XVI—*History of Sociological Thought*

Social thought before Sociology. The Age of Enlightenment; Comte's Positivism; intellectual sources of Sociology.

Impact of Marx on the Founding Fathers; Marxist Sociology as a separate stream earlier and as a stream within Sociology later.

French Sociology—the role of Durkheim in establishing Positivist Sociology as an academic discipline; sociological tradition in France.

German Sociology—place of Max Weber; impact of History; humanistic perspective; contributions of Toennies, Simmel, Scheler, Mannheim; interruption of sociological tradition due to war and its subsequent resumption.

British Sociology—place of Spencer, Hobhouse, Geddes, Ginsberg; close links with Anthropology and Social Work—its advantages and disadvantages; empirical tradition in England; contemporary situation.

The case of Pareto—the Italian sociologist.

Conflict school in Europe and the United States.

American Sociology—phenomenal growth; symbolic interaction and structural functional schools; neglect of Philosophy and History—its reasons and consequences; growth of empirical research methods.

Emergence of phenomenological approach—its beginnings in Europe; other approaches like hermeneutics and ethnomethodology, etc. in the contemporary period.

Sociology in the Communist countries of Europe.

Sociology in Latin America.

Sociology in Asia—Japan and India.

Sociology of sociology perspective for understanding rise and fall of particular sociologies in particular countries at particular times.

Readings

1. Abel, T.—Systematic Sociology in Germany.
2. Andreski, S. (ed.)—Herbert Spencer.
3. Aron, R.—German Sociology.
4. Aron, R.—Main Currents in Sociological Thought (2 vols.).
5. Barnes, H. E. & Becker, H.—Social Thought from Lore to Science.
6. Barnes, H. E. (ed.)—An Introduction to the History of Sociology.
7. Bendix R.—Max Weber : An Intellectual Portrait.
8. Bernard, L. I. and Bernard, J.—Origins of American Sociology—The Social Science Movement in the United States.
9. Borgatta, E. F. and Meyer, H. J. (eds.)—Sociological Theory : Present-day Sociology from the Past.
10. Bottomore, T.—Marxist Sociology.
11. Bottomore, T. and Nisbet, R. (eds.)—A History of Sociological Analysis.
12. Coser, I.—Masters of Sociological Thought.
13. Friedrichs, R. W.—The Sociology of Sociology.

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~~25th November, 1982.~~

26th April 1984

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15. Gurvitch, G. and Moore, W.E. (eds.)—Twentieth Century Sociology (Vol. II).
16. Hofstadter, R.—Social Darwinism in America.
17. Hughes, H. Stuart—Consciousness and Society.
18. Jay, M.—The Dialectical Imagination : A History of the Frankfurt School and the Institute of Social Research, 1923-1950.
19. Lukes, S.—Durkheim.
20. Martindale, D.—The Nature and Type of Sociological Theory.
21. Marx, K.—Selected Writings in Sociology and Social Philosophy (edited by T. Bottomore and M. Rubel).
22. Mills, C. Wright—Sociological Imagination.
23. Mukherjee, R. K.—Sociology of Indian Sociology.
24. Odum, H. W.—American Sociology : The Survey of Sociology in the United States Thought 1950.
25. Parsons, T.—The Structure of Social Action.
26. Parsons, T. et. al. (eds.)—Theories of Society : Foundations of Modern Sociological Theory.
27. Rouseck, J. S. (ed.)—Contemporary Sociology.
28. Saksena, R. N. (ed.)—Sociology, Social Research and Social Problems in India.
29. Simirenko, A.—Soviet Sociology.
30. Sorokin, P. A.—Contemporary Sociological Theories.
31. Zeitlin, I. M.—Ideology and the Development of Sociological Theory.

Paper XVII—*Urban Sociology*

The study of urbanization : pre-industrial, industrial, 20th Century ; world urbanization ; urbanization in the developing countries ; future of urbanization.

Historical and recent approaches in study of urbanization : comparative, ecological, social-psychological, institutions approaches ; folk-urban continuum and rural-urban continuum debates ; Marxist perspective.

Cities and evolution of urban systems : cities in classical civilizations ; in feudal and modern societies ; the era of full metropolitanization ; sources of urban growth : technology and industry, the demographic context, migration ; aggregation versus dispersal as forces in metropolitan ecology ; suburbanization ; exurbia ; neighbourhood ; shun.

Classification of cities : population size, economic function, social area analysis. Organization of urban system, role of cities in national development, city as an element in international system.

Urban community as a social structure : religion, recreation, education, unemployment, social disorganization.

Urban planning : origin and development ; town planning movement ; role of pioneers. Urban renewal : urban growth policies in different countries ; satellite centre new town movements ; regional planning.

Urbanization in India : historical trends ; concept of over-urbanization ; slums and urbanization ; impact of urbanization on rural India ; Indian policy on urbanization ; the ' urban city ', industrialization and new town developments ; planning for regional growth.

Readings

1. Anderson, Nels—The Industrial Urban Community.
2. Beenstein, S. J. and Mellor, W. G. (eds.)—Selected Readings in Quantitative Urban Analysis.
3. Bergel, E. E.—Urban Sociology.
4. Berry, Brian J. J.—The Human Consequences of Urbanization.
5. Bose, A.—India's Urbanization 1901-2001.
6. Breese, G.—The City in Newly Developing Countries.
7. Boskoff, A.—Sociology of Urban Regions.
8. Bourne, L. S. and Simmons, J. W. (eds.)—Systems of Cities.
9. Burgess, E. and Bogue, D.—Contributions to Urban Sociology.
10. Castells, M.—The Urban Question—A Marxist Approach.
11. Davis, Kingsley—World Urbanization (2 Vols.).
12. Desai, A. R. and Pillai, S. D. (eds.)—Slums and Urbanization.
13. Doxiadis, C. A.—The Human Settlements.
14. D'Souza, A. (ed.)—The Indian City : Poverty, Ecology and Urban Development.

15. Erickson, E. G.—Urban Behaviour.
16. Ferreira, J. V. and Jha, S. S. (eds.)—The Outlook Tower.
17. Fishman, R.—Urban Utopias in the 20th Century.
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20. Geruson, R. T. and McGrath, D. (eds.)—Cities and Urbanization.
21. Ghurye, G. S. —Cities and Civilization.
22. Gibbs, J. P.—Urban Research Methods.
23. Gideon, G.—International Urban Growth Politics.
24. Hatt, P. and Reiss, A. J. (eds.)—Cities and Sociology.
25. Hauser, P. M. and Schnore, L. F.—The Study of Urbanization.
26. Jakobson, L. and Prakash, V.—Urbanization and National Development.
27. Manickam, T. J. and Vagale, I. R. et al New Town In India.
28. McGee, T. G.—The Urbanization Process in the Third World.
29. Meadows, P. and Mizruichi, E. H. (eds.)—Urbanism, Urbanization and Change : Comparative Perspectives.
30. Mellor, J. R.—Urban Sociology in an Urbanized Society.
31. Morris, R.—Urban Sociology.
32. Mumford, L.—Cities in History.
33. Noble, A. and Dutt, A. (eds.)—Indian Urbanization and Planning.
34. Rao, Prakasa, V. L. and Tewari, V. K.—The Structure of an Indian Metropolis.
35. Reissman, L.—The Urban Process.
36. Schnore, L. F.—The Urban Scene.
37. Sirjamaki, J.—The Sociology of Cities.
38. Sjoberg, G.—The Pre-industrial City.
39. Smith, W. J.—Urban Development, the Process and Problems.
40. Southall, A. (ed.)—Cross-cultural Studies of Urbanization.
41. Sovani, N. V.—Urbanization and Urban India.
42. Thompson, G.—Eccles and Athens.
43. Taylor, L. and Jones, A. R. (eds.)—Rural Life and Urbanized Society.
44. Turner, Roy—India's Urban Future.
45. Weaver, T. and Douglas, W. (eds.)—The Anthropology of Urban Environments.
46. Weber, Max—The City.

Paper XVII—*Urbanization in the Third World*

Patterns of urbanization in Asia, Africa and Latin America : pre-colonial, colonial and post-colonial phases of urbanization ; urbanization and demographic context ; role of technology and industrialization ; over-urbanization.

Theories of Third World urbanization : Western theories of modernization and economic development ; Marxist and neo-Marxist theories ; theory of dependency ; theory of urban involution.

Economy of urban growth : pre-industrial and industrial cities ; rural-urban migration ; spatial patterns of population in Third World cities ; million-mark cities, primate cities and small towns ; slums and squatter settlements.

Patterns of urban life in the Third World : Kinship-based networks ; caste, class and ethnicity ; family organization and marriage patterns.

Third World economic development and under development ; occupational and class structure ; urban poverty and unemployment ; role of urbanization in economic developments ; urban development planning ; infra-structure gap ; rural-urban interdependence and regional imbalance ; urban development and social change.

Readings

1. Abu-Lughod, J. L. and Hay, R. Jr. (eds.)—*Third World Urbanization*.
2. Abrams, C.—*Man's Struggle for Shelter in an Urbanizing World*.
3. Amin, Samir—*Accumulation on a World Scale : A Critique of the Theory of Underdevelopment (2 Vols.)*.
4. Amin, Samir—*Neo-colonialism in West Africa*.
5. Artle, Roland—*Urbanization and Economic Growth in Latin America*.
6. Barratt, Brown M.—*The Economics of Imperialism*.
7. Bose, Ashish—*India's Urbanization 1901-2001*.
8. Breese, Gerald—*Urbanization in Newly Developing Countries*.
9. Cohen, B. J.—*The Question of Imperialism : The Political Economy of Dominance and Dependence*.
10. Davidson, B.—*The Lost Cities of Africa*.
11. Davis, Kingsley—*World Urbanisation (2 Vols.)*.
12. Desai, A. R.—*Rural India in Transition*.

13. Dwyer, D. J. (ed.)—The City in the Third World.
14. Dwyer, D. J. (ed.)—The City as a Centre of Change in Asia.
15. El-Shakhs, Salah and Obudho, Robert (eds.)—Urbanization, National Development and Regional Planning in Africa.
16. Epstein, David G.—Brasilia, Plan and Reality : A Study of Planned and Spontaneous Urban Settlement.
17. Fanon, Frantz—The Wretched of the Earth.
18. Fava, Sylvia F.—Urbanism in World Perspective.
19. Frank, A. G.—Latin America : Underdevelopment or Revolution.
20. Fox, R. G. (ed.)—Urban India : Society, Space and Image.
21. Germani, Gino (ed.)—Modernization, Urbanization and the Urban Crisis.
22. Gutkind, Peter, C. W.—Urban Anthropology : Perspectives on ' Third World ' Urbanization and Urbanism.
23. Hance, W. A.—Population, Migration and Urbanization in Africa.
24. Hardoy, J. E. (ed.)—Urbanization in Latin America ; Approaches and Issues.
25. Hauser, Philip, M. (ed.)—Urbanization in Asia and the Far East.
26. Jakobson, Leo and Prakash, Ved (eds.)—Urbanization and National Development.
27. Juppenlatz, M.—Cities in Transformation : The Urban Squatter Problem in the Developing World.
28. Lerner, Daniel—The Passing of Traditional Society : Modernizing the Middle East.
29. Melloti, U.—Marx and the Third World.
30. Mountjey, A. B. (ed.)—The Third World : Problems and Perspectives.
31. McGee, T. G.—The South-east Asian City.
32. McGee, T. G.—The Urbanization Process in the Third World : Explorations in Search of a Theory.
33. Rao, M. S. A.—Urbanization and Social Change.
34. Rao, Prakasa V. L.S. and Tewari, V. K.—The Structure of An Indian Metropolis.
35. Southall, A.—Urban Anthropology : Cross Cultural Studies of Urbanization.

36. Turnham, D. and Ingelies, J. —The Employment Problem in Less Developed Countries.
37. Vatuk, Sylvia—Kinship and Urbanization : White Collar Migrants in North India.
38. Wertheim, W. F. (ed.)—The Indonesian Town : Studies in Urban Sociology.
39. Wriggins, W. H. and Guyot, J. F. (eds.)—Population, Politics and the Future of South-east Asia.
40. Young, U. M. and Leo, C. (eds.)—Changing South-east Asian Cities : Readings on Urbanization.
41. Youssef, N. H.—Women and work in Developing Societies.

Paper XIX—*Sociology of Women*

Women and Society ; Role and participation of women in different stages society ; forms and causes of women's oppression and exploitation in different forms of societies.

Theories of Women's Oppression : Biological ; Psychological ; Marxist ; radical feminist etc.

Modernization and developmental process and its effects on women in under developed countries.

Status of Women in India—historical and contemporary overview. Demographic, social, cultural, economic and political.

Women productive workers.

The hidden domain—housework : definition of 'productive' and 'un-productive' work and its effects on women ; changing forms of domestic labour ; domestic labour in pre-capitalist and capitalist societies.

Women in the Indian Family : Changing forms of family structure and its effects on women, role of employed women in the various family structures ; socialization of women ; violence in the family.

Women and Law in India : Women in the Indian Constitution ; laws relating to women-property, inheritance, industrial laws, conditions of work and pay marriage, divorce, dowry rape.

Women and Sexuality : Birth control and the status of women ; sexual exploitation of women ; traffic in women, prostitution.

Women in Media : Cinematic images of women in India ; image of women in mass media and in language.

Women's Movement in India : Social reform movement ; education for women ; women's role in the Independence movement ; post-Independence-development of the women's movement, case studies.

Women's Movement in the West : Historical background ; current position ; central issues.

Women's Role in Revolution : Russia, China, Vietnam—before and after the revolution.

Readings

1. Altbach, E. M. (ed.)—From Feminism to Liberation.
2. Amsted, A. H. (ed.)—The Economics of Women and Work.
3. Baig, T. A.—Women of India.
4. Boserup, E.—Women's Role in Economic Development.
5. Brownmiller, S.—Against Our Will.
6. Desai, N.—Women in Modern India.
7. Doyal, L.—The Political Economy of Health
8. Engels, F. —Origin of the Family, Private Property and State.
9. Government of India—Towards equality—Report of the Committee.
10. Gulati, I.—Unemployment Among Female Agricultural Labourers.
11. Haskell, M.—From Reverance to Rape—The Treatment of Women in the Movies.
12. Jain, D.—Women's Quest for Power.
13. Lenin, V. I.—On the Emancipation of Women.
14. Mahindra, I.—The Rebellious Home-makers.
15. Majumdar, V. (ed.)—Women and Development.
16. Majumdar, V. (ed.)—Role of Rural Women in Development.
17. Miller, C. and Swift, K.—Words and Women : Language and the Sexes.
18. Mitchel, J.—Women's Estate.
19. Mukherjee, P.—Hindu Women : Normative Models.

20. Nanda, B. R. (ed.)—Indian Women—From Purden to Modernity.
21. Oakley, A.—Housewife.
22. Omvedt, G.—We will Break These Prisons—Indian Women in Revolt.
23. Reed, E.—Women's Evolution.
24. Reiter, R. R. (Ed.)—Towards an Anthropology of Women.
25. Rosaldo, M. Z. (ed.)—Women, Culture and Society.
26. Rowbotham, S.—Hidden from History—300 Years of Women's Oppression and the Fight Against It.
27. Rowbotham, S.—Women, Resistance and Revolution.
28. Snow, H.—Women in Modern China.
29. Soviet Legislation on Women's Rights : A Collection of Normative Acts.
30. Srinivas, M. N.—Changing Position of Indian Women.
31. Verghese, J.—Our Gold and Our Bodies.

Paper *XX*—*Sociology of Art*

Nature and meaning of art. Aesthetic drive.

Arts : graphic, plastic, verbal-oral and written, music, drama, film.

Art and craft.

Art and symbolism. Form and content. Realism and stylization. Classical and romanite art. Changing styles in art.

Functions of art.

Religious art.

Artist and his society. Artist and patron. Artist and critic.

Theories of art : formal, psychological, Marxist.

Modern society and art—mass society and mass entertainment. New medias.

Art in India—dance ; drama ; painting ; architecture ; sculpture.

Religious and secular art ; vedic, Buddhist, Jain, Rajput and Mogul art.

Artist and society in India.

Readings

1. Albrecht, M. C.—The Sociology of Art and Literature.
2. Antal, F.—Romanticism and Classicism.
3. Archer, W. G.—Indian Painting.
4. Basham, A. L.—The Wender that was India.
5. Benamin, W.—Illuminations ; Essays and Reflections.
6. Berger, J.—Ways of Seeing.
7. Burke, K.—The Grammar of Motives.
8. Chatopadhya, D. P.—Lokayata.
9. Coomaraswamy, A.—History of Indian and Indonesian Art.
10. Coomaraswamy, A.—Dance of Shiva.
11. Coomaraswamy, A.—Transformation of Nature in Art.
12. Das Gupta, S.—Introduction to Indian Arts.
13. Desai, D.—Erotic Sculpture of India.
14. Dewey, J.—Art as Experience.
15. Duvignawi, J.—The Sociology of Art.
16. Fischer, E.—Necessity of Art.
17. Hauscr, A.—Philosophy of Art History.
18. Hauser, A.—Social History of Art.
19. Jaabus, L. A.—Aesthetics and the Arts.
20. Kosambi, D. D.—The Culture and Civilization of Ancient India.
21. Kosambi, D. D.—Myth and Reality.
22. Kramnisch, S.—The Hindu Temple (2 volumes).
23. Langer, S.—Feeling and Fom.
24. Langer, S.—Problems of Art.
25. Malraux, A.—Metamorphosis of the God.
26. Malraux, A.—Voices of Silence.
27. Mukherjee, D. P.—Introduction to Indian Music.
28. Mukherjee, D. P.—Modern Indian Culture.
29. Mukherjee, R.—The Social Function of Art.

30. Ray, N.—An Approach to Indian Art.
31. Pandey, K. C.—Indian Aesthetics.
32. Panovsky, E.—Icons and Ideas.
33. Biekanov, G. V.—Art and Social Life.
34. Read, H.—Art and Society.
35. Read, H.—Art and Industry.
36. Roland, B.—Art and Architecture of India.
37. Schuching, L. L.—The Sociology of Literary Taste.
38. Sorokin, P. A.—Social and Cultural Dynamics (Vol. I).
39. Thaper, R.—History of India (Vol. I)
40. Tomars, A. S.—Introduction to the Sociology of Art.
41. Vazquez, A. S.—Art and Society.
42. Wolfin, H.—Principles of Art History.
43. Zimer, H.—Art of India.

Paper *XXI—Methodology of Social Research*

Kinds of Knowledge—insuitive and rational.

Problem of Reality—its conceptualization and appropriate methodology.

Rationalism ; Idealism—Hegel, Kant, neo-Kantians.

Newton's mechanistic view of universe—Copernican Revolution.

Period of Enlightenment in France—Belief in progress and enthronement of reason, Cartesian philosophy—duality between subject and object.

Rousseau and the romantic movement.

Comte's Positivism—its application by Durkheim. Success of Positivistic Sociology in France and else where.

Prominence of humanistic element in Germany—debate in History—Dilthey, Rickert ; Max Weber's attempt to reconcile the objective and subjective—*Verstehen* method ; Schutz's phenomenology—its application and extension by Berger and others in recent years.

Historical materialism—Dialectics of Karl Marx ; Different positions within the Marxist tradition.

Symbolic interactionist school in the West—its anti-positivistic stance ; emergence of full-fledged phenomenological ethnomethodological and hermeneutic approaches—emphasis on subjective perception of everyday reality.

Continuing debate in Sociology over the salience of positivistic or humanistic approach. Isreconciliation possible ?

Explanation or understanding ; verifiability of social phenomena, types of casual relationship.

Scientific research designs—Concepts, formulation and testing of hypothesis ; working and null hypothesis—“ classical ” design—Hohn Stuart Mill’s Methods of Agreement and Difference—limitations of the “ classical ” research design in social science ; alternative designs ; “ ex-post facto ” designs, “ before ” and “ after ” without control design, panel analysis design etc.—their uses and limitations.

Types of research studies : historical, exploratory, descriptive, comparative and cross-cultural studies ; Experimental studies and action-oriented social research.

Methods of data collection : primary and secondary sources, historical, observational, case study, expeimental, survey—questionnaire and interview methods.

Measurement of qualitative attributes : attitudes, motivation and personality—Scaling techniques such as nominal, ordinal and rating scales ; Likert’s Thurstone’s, and Guttman’s attitude scales ; Bogardus’ social distance scale, projective techniques.

Analysis of social data—qualitative and quantitative analysis ; data processing and tabulation, content anaysis and its uses in social research.

Organisation and administration research projects—logistics of research : time, cost and personnel, pure, applied, policy-oriented research ; preparation of tools of data collection, pretesting, training of investigators, supervision of field work and Report writing.

Readings

1. Ackoff, R. L.—The Design of Social Research.
2. Bernal, J. D.—Social Functions of Science.
3. Beteille, A. and Madan, T. N.—Encounter and Experience.

4. Braithwaite, R. B.—Scientific Explanation.
5. Bulmer, M.—Sociological Research Methods.
6. Carr, E. H.—What is History ?
7. Chapin, F. S.—Experimental Designs in Social Research.
8. Comforth, M.—Dialectical Materialism.
9. Durkheim, E.—The Rules of Sociological Method.
10. Farber, M.—Foundation of Phenomenology.
11. Festinger, L. and Katz, D. (eds.)—Research Methods in Behavioural Science.
12. Feyerabend, P.—Against Method.
13. Gibson, Q.—Logic of Social Enquiry.
14. Giddens, A.—New Rules of Sociological Method.
15. Goode, W. J. and Hatt, P. K. —Methods in Social Research.
16. Hughes, H. Stuart—Consciousness and Society.
17. Hyman, H.—Interviewing in Social Research.
18. Jongmans, C. and Gutland, P.—Anthropologists in the Field.
19. Kahn, R. L. and Cannell, C. F.—Dynamics of Interviewing : Theory, Technique and Cases.
20. Kaplan, A.—Conduct of Inquiry.
21. Kaufmann, F.—The Methodology of Social Sciences.
22. Keat, R. and Urry, J.—Social Theory as Science.
23. Kuhn, T. S.—Structure of Scientific Revolution.
24. Lastrucci, C. L.—The Scientific Approach.
25. Lasarsfeld, P. F. and Rosenberg, M. (eds.)—Language of Social Research.
26. Lenin, V. P.—Materialism and Empirio-Criticism.
27. Motwani, K. (ed.)—A Critique of Empiricism.
28. Mukherji, R.—What Will It Be.
29. Nagel, E.—Structure of Science.
30. Natanson, M.—Philosophy of Social Science.
31. Nidditch, P. H. (ed.)—Philosophy of Science.

32. Northrop, F. S. C.—Meeting of the East and the West.
33. Pelto, P. J.—Anthropological Research.
34. Polanyi, M.—Personal Knowledge.
35. Popper, K.—The Logic of Scientific Discovery.
36. Rhys, W. T.—Field Methods in Study of Culture.
37. Rudner, R. S.—Philosophy of Social Science.
38. Schwartz, H. and Jacob, J.—Qualitative Sociology: A Method to the Madness.
39. Selltiz, C., Jahoda, M. Deutsch, M. Cook, S. W.—Research Methods in Social Relations.
40. Spencer, F. F. (ed.)—Method and Perspective in Anthropology.
41. Siu, R. G. H.—The Tao of Science.
42. Tiryakian, E.—Existentialism and Sociologism.
43. Weber, M.—The Methodology of Social Science.
44. Winch, P.—Idea of Social Science.
45. Young, P. V.—Scientific Social Surveys and Research.

Paper XXII—*Sociology of Science*

Science—its meaning. Need for a Sociology of Science.

Nature of relationship between religion and science. Reciprocal relationship between science and politics, science and society.

Growth in scientific knowledge: scientific and social reasons. Differential rates of development in physical and biological sciences.

Marxist approach; Mertonian approach; Kuhn's paradigm.

Institutionalization of scientific investigation: bureaucratization in science. The world of science as a social system: organisation of scientific work and problem of communication among scientists.

Brain-drain in science and emerging international character of scientific knowledge and research; role of universities and laboratories; of business and industry; of foundations.

Colonial situation. Role of national governments in promoting science. Scientists in government—limits to their power. Policy makers or technicians? Why do scientists join government? The social image of the scientists and their self-image. Process of recruitment in science. Its reward system. Examination of Nobel Laureates as a special case.

The social process of scientific discovery : pure and applied research in science ; individual *vs.* collaborative research ; social control of science ; social responsibilities of science.

Understanding of science by the lay-public and its impact on science in terms of policy and resource allocation in a democratic polity. Analysis of the contemporary Indian science.

Readings

1. Ashby, E.—Scientist in Russia.
2. Barbar, B.—Science and the Social Order.
3. Barber, B. and Hirsch, W. (eds.)—The Sociology of Science.
4. Barnal, J. D.—The Social Functions of Science.
5. Barnes, B. (ed.)—Sociology of Science.
6. Biswas, A. K.—Science in India.
7. Bose, D. N. et al—A Concise History of Science in India.
8. Fener, L. S.—The Scientific Intellectual—The Psychological and Sociological Origins of Modern Science.
9. Feyerabend, P.—Against Method.
10. Gilpui, R. and Wright, C. (eds.)—Scientists and National Policy-Making.
11. Hill, A. V.—Scientific Research in India.
12. Holton, G. (ed.)—Science and Culture : A Study of Cohesive and Disjunctive Forces.
13. Kaplan, N. (ed.)—Science and Society.
14. Kuhn, T.—The Structure of Scientific Revolution.
15. Maslow, A.—Psychology of Science.
16. Malinowski, B.—Magic, Science and Religion and other Essays.
17. Merton, R. K.—Science, Technology and Society in 17th Century England.
18. Morehouse, W.—Science in India.
19. Nandy, A.—Alternative Sciences : Creativity and Authenticity in two Indian Scientists.
20. Nagel, E.—Structure of Science.
21. Oberoi, J. S.—Science and Culture.

22. Parsons, T.—The Social System.
23. Popper, K.—Conjectures and Refutation.
24. Prashad, B. (ed.)—Progress of Science in India.
25. Rabinowitch, E.—“A Survey of Russian Science” in Inkeles, A. and Geiger, K. (eds.) Soviet Society : A Book of Readings.
26. Rahman, A.—Anatomy of Science.
27. Rahman, A.—Science Policy in India.
28. Rahman, A.—Trimurti : Science, Technology and Society.
29. Roe, A.—The Working of a Scientist.
30. Rose, H. and Rose, S.—Science and Society.
31. Sarton, G.—The History of Science.
32. Shils, E.—The intellectual between tradition and modernity : the Indian situation.
33. Shils, E.—The Intellectuals and the powers and other essays.
34. Snow, C. P.—The Two Cultures and the Scientific Revolution.
35. Snow, C. P.—The Two Cultures : And a Second Look.
36. Storer, N.—The Social System of Science.
37. Strauss, A. I. and Rainwater, I.—The Professional Scientists : A Thirty Years.
39. Watson, James D.—The Double Helix.
40. Whitehead, A. N.—Science and the Modern World.
41. Znaniecki, F.—Social Role of the Man of Knowledge.
42. Zuckerman, H.—Scientific Elite : Nobel Laureates in the United States.

POLITICS

- (i) The following will be the scheme of Papers in Politics at the revised M.A. degree course introduced from the academic year 1980-81.

Group I

It will consist of four papers—

Paper I—*Political Theory*—(to be taught in Part I).

Paper II—*Selected Themes in India Politics*—(to be taught in Part I).

Paper III—*International Politics*—(to be taught in Part II).

Paper IV—*Public Administration*—(to be taught in Part II).

Group II

This group will consist of four optional papers. Any one of the groups will have to be offered :—

Sub Group (A)—Theory

Paper I—*Marxism*—(to be taught in Part I)

Paper II—*Modern Indian Political Thought*—(to be taught in Part I)

Paper III—*Classics in Political Theory*—(to be taught in Part II)

Paper IV—*Political Sociology of Western Democracies*—(to be taught in Part II).

Sub Group (B)—Public Administration

Paper I—*Indian Administrative System*—(to be taught in Part I)

Paper II—*Development Administration*—(to be taught in Part I)

Paper III—*Political Sociology with reference to Third World*—(To be taught in Part II).

Paper IV—*Comparative Public Administration*—(to be taught in Part II)

Sub Group (C)—International Politics

Paper I—*Indian Foreign Policy*—(to be taught in Part I).

Paper II—*Foreign Policy and Diplomacy Or International Law*—
(to be taught in Part I)

Paper III—*International Organisation*—(to be taught in Part II)

Paper IV—*Super Powers and Asia*—(to be taught in Part II)

Sub Group (D)—Asian Studies

Paper I—*South East Asia Or West Asia*—(to be taught in Part I)

Paper II—*East Asia, China and Japan*—(to be taught in Part I)

Paper III—*Political Sociology with reference to Third World*—
(Syllabus same as that for Paper III in Sub-Group B).
(to be taught in Part II).

Paper IV—*Super Powers and Asia*—(to be taught in Part II).
(Syllabus same as that for Paper IV under Sub-Group C).

Sub Group (E)—Indian Studies

Paper I—*Indian Foreign Policy*—(to be taught in Part I)
(Syllabus same as that for Paper I in Sub-Group C).

Or

Indian Administrative System—(to be taught in Part I)
(Syllabus same as for Paper I in Sub Group B).

Paper II—*Modern Indian Political Thought*—(to be taught in Part I).

(Syllabus same as that for Paper II in Sub Group A).

Paper III—*Political Sociology with Special Reference to Third World*
(to be taught in Part II).

(Syllabus same as that for Paper III in Sub Group B).

Paper IV—*State Politics in India* —(to be taught in Part II)

Sub Group (F)—American Studies

Paper I—*American Government and Politics*—(To be taught in Part I).

Paper II—*Selected Themes in American Political Thought*—(to be taught in Part I)

Paper III—*American Foreign Policy since World War II*—(to be taught in Part II)

Paper IV—*Political Sociology of Western Democracies*—(to be taught in Part II)

(Syllabus same as that for Paper IV in Sub Group A)

Sub Group (G)—Russian Studies

Paper I—*Marxism*—(to be taught in Part I)

(Syllabus same as that for Paper I in Sub Group A).

Paper II—*Soviet Government and Politics*—(to be taught in Part I)

Paper III—*Comparative Communist Systems*—(to be taught in Part II)

Paper IV—*Russian Foreign Policy*—(to be taught in Part II).

Sub Group (H)—African Studies

Paper I—*Government and Politics in East Africa*—(to be taught in Part I)

Paper II—*Nation Building in Africa*—(to be taught in Part I)

Paper III—*Political Sociology with reference to Third World*—(to be taught in Part II)

(Syllabus same as that for Paper III in Sub Group B)

Paper IV—*Africa in World Affairs*—(to be taught in Part II)

Group I

Paper I—*Political Theory*

1. Nature of Political Theory—Classical and Contemporary approaches. Positivism—The nature of empirical theory (Kuhn's paradigm).
2. Rise and nature of behaviouralism ; its achievements and weaknesses; post-behavioural trends.
3. Values in political theory ; Verstehen ; scientific value relativism.
4. The systems and structural functional, decision-making, game theories.
5. Morality and society ; the right of the State to promote the Good.
6. The State—Power and Influence Authority and Legitimacy ; factors affecting their erosion in conetmporary times.
7. Natural Rights.
8. Liberty.
9. Right to property.
10. Equality and Social justice.
11. Political obligation ; Civil disobedience.
12. (a) Democracy, Constitutionalism, Consent and Consensus. Political Participation.
(b) Revisionist theories of democracy : a critique.
13. The problem of ideology—The end of ideology debate. Capitalism, Socialism, Communism, Fascism.

Paper II—*Selected Themes in Indian Politics*

1. The approach of the framers of the Constitution, their apprehensions and expectations.
2. Unifying and divisive forces in Indian Polity.
3. The relative importance of Fundamental Rights and Directive Principles of State Policy.

4. Evolution and functioning of the office of the President and the Prime Minister.
5. The role of Parliament.
6. The Supreme Court as the Custodian of the Constitution.
7. Competitive and Co-operative trends in Indian Federalism.
8. The electoral experience and electoral reform.
9. Planning experience.
10. Political parties, The Congress System ' Regional Political parties.
11. Political movements and the process of opposition in India.
12. The capability of the Indian Political System in relation to the demand —The emergency of 1975-1977.
13. The Indian Political System in Perspective.

Paper III—*International Politics*

1. Modern State System : International Political System.
2. Sovereignty ; Nationalism, Internationalism.
3. Growth and expansion of International Society ; development till 1945 ; impact of the non-West since World War II.
4. Theories of International Relations.
5. Power : Power politics, balance of power, collective security bi-polarity, multi-polarity.
6. Impact of Science and Technology on International Politics.
7. International Economic Relations.
8. Diplomacy ; traditional and modern ; Ambassadors and Home Government.
9. Foreign Policy ; Nature and Objectives, with special reference to India.
10. Non-alignment : concept, evolution and assessment.
11. International Law and Organization.
12. War—Disarmament ; Approaches to Peace.
13. Regionalism ; Prospects for World State.

Paper IV—*Public Administration*

Public Administration as a discipline and its development till the present.

Some management thinkers : (1) F. W. Taylor, (2) Henri Fayol, (3) M. P. Follett, (4) Elton Mayo, (5) C. I. Bernard, (6) Herbert Simon, (7) D. H. McGregor.

Max Weber's concept of bureaucracy and its criticism.

Bureaucracy in Modern Society.

Organizations ; Formal and Informal, Principles of Organization, Authority, and Leadership in organization, Supervision, Control and Morale, Organization and its environment.

Rise and Expansion of the Public Sector, Problems of autonomy and accountability.

Administration and Politics—Administration and Policy-making, Political interference in administration—integrity in.

Civil Servants—Problems of Recruitment and Training, Political Rights, Staff Relations and Unionism.

Budget, Legislative Control and Audit.

Delegated Legislation and Administrative Law.

Administration and the Public—Ethics in Public Service.

Group II

Sub Group (A)—Theory

Paper I—*Marxism*

The following texts are prescribed for detailed study :

- (i) Communist Manifesto.
- (ii) Critique of the Gotha Programme.
- (iii) Early writings (Ed.)—T. B. Bottomore.

1. The Central ideas of Marx and Engels.
2. Development of Marxist thought in Europe since Marx.
3. The contributions of Kautsky, Luxemburg and Bernstein
4. Populism, Anarchism.
5. Leninism.
6. Stalin and Lenin's contributions to the theory and practise of Marxism.
7. Maoism.
8. Marxism and its Indian appraisal.
9. Revisionism in Eastern Europe.
10. Euro-Communism.
11. The New Left.

Paper II—*Modern Indian Political Thought*

1. Western and Indian response—
 - (a) The nature of the Indian Renaissance.
 - (b) Western Estimate of Indian Society and the Indian Defence.
 - (c) Poverty under British Rule and Indian Reaction.
2. Liberalism.
3. Militant nationalism ; India and the new Asian Nationalism.
4. Overseas Indians with special reference to South Africa.
5. Inequality an ddisadvantaged sections in Indian Society including women.
6. Hindi and Muslim Communalism—question for secularism.
7. Non-violence and Satyagraha.
8. Socialism and Communism.
9. Sarvodaya and total Revolution.
10. New Humanism.

Paper III—*Classics in Political Theory*

The following three texts will be studied in detail :—

1. *Kautilya Arthashastra*—(Selected chapters).
2. Aristotle, *Politics*.
3. Hobbes—*Leviathan*—Books I and II.

Paper IV—*Political Sociology of Western Democracies with reference to the U.S., U.K., France, West Germany and Scandinavian Countries.*

The papers is concerned with the Political Sociology of modern western democracies. The emphasis will be on a comparative perspective : not detailed question will be asked on any one country.

1. The Political culture of democracies—problems in defining a civic culture.
2. Patterns of socialization and the agencies of political socialisation.
3. Social Structure and Political Power. A Power elite or competing groups ?

4. Elite in politics. Meritocracy and open politics.
5. Political parties their nature and political performance and record of modern mass parties.
6. Ideology in politics. The end of ideology?
7. Intellectuals. The media and public opinion.
8. Interest groups.
9. Voting behaviour, and political participation.
10. Mass Society, cleavages and conflicts. The problems of regions, generations and ethnic groups.

Sub Group (B)—Public Administration

Paper 1—*Indian Administration System*

Section I

1. The growth of and character of administration upto the Mutiny:
Reforms under Warren Hastings, Cornwallis, Bentick and Dalhousie. The administration of revenue and justice. The Civil Service.
2. Impact of the Mutiny—The theory of Enlightened Paternalism from Mayo to Curzo.
The civil service from 1857 to 1947. The Central Secretariat.
3. The growth of Financial Administration. Local Self-government and district administration.
4. Administration and the growth of Indian Nationalism.

Section II

5. The public services in India since Independence ; changing character and new orientations. Expansion of the bureaucracy and the factors which have led to it.
6. Public Service Commissions at the Centre and the State their functions and working.
7. Recruitment and training for the services. Policy of reservation for S.C. and S.T.
8. Integrity and morale in the Public Services. Staff relations and Unionism in the Services. Political rights of Civil servants.
9. Administration and the political process ; administration and the minister ; administration and parliament and administration and the public.
10. District Administration, since Independence.

Paper II—Development Administration

Nature and Scope of development administration, public administration in developing countries. Patterns of development, political and social Environment of Development Administration.

Plans and Priorities : Sectors—Private and Public, the Machinery of Planning, the Planning Commission, the National Development Council ; Relations between the Planning Commission, the Cabinet and the Ministry of Finance and State Planning Agencies.

Planning and the political process ; Government regulation of Business and industry. Systems of Licenses and Permits the Monopolies Commission. Planning in the federal system.

Co-operative and competitive trends in Indian Centre-state Relations.

Role of Education in development administration with reference to the role of the Union Government in Higher Education.

Planning at the grass-roots, Community development and Panchayati Raj ; Problems of Panchayati Raj.

Administration : Recruitment and Training of Personnel.

Urban Planning and decentralisation : Municipal Government in India and its problems.

Administration and the citizen ; Public Opinion, pressure groups Public Relations.

Tools of Development : Basic data accumulation—Census and national surveys ; technical assistance and foreign aid.

Paper III—Political Sociology—(with reference to third World)

1. The meaning and scope of political sociology.
2. Political culture.
3. Political Recruitment. The social bases of Elites. The role of bureaucracies.
4. Ideologies, their appeal, relevance and limitations.
5. Religion and Politics.

6. The different political perceptions of generations.
(The generation and their different political attitudes).
7. Political parties and their role. Elections.
8. The role of the armed forces.
9. Politics and public policy.
10. Mass Media.
11. Disadvantaged groups including women.
12. Authoritarianism, Democracy and Development.

Paper IV—*Comparative Public Administration*

(The paper deals with the public administration of both developed and developing countries)

1. Comparative Public Administration as a perspective of study. Historical and Contemporary dimensions : the post-second World War administrative systems.
2. Comparative politics and comparative public administration—Its interdisciplinary character.
3. Why administrative systems differ. Historical and Sociological factors influencing administrative systems. The changing concept of the "Public." Cameralism.
4. Administration and politics in different countries.
5. Patronage and Spoils systems. The rise of merits systems. Variation in Civil Service.
6. Representative Bureaucracy with reference to plural Societies.
7. Secrecy and openness in governmental system : governmental reports. Role of intelligence agencies.
8. Legislative control of government—Legislative Committees. Commissions of Inquiry as public institutions.
9. Machinery for redress of grievances.
10. Interest groups and administration.
11. Science and government—the role of the experts.
12. Centralization, decentralization and patterns of local Government—factors affecting their effectiveness.

Sub Group (C)—International Politics

Paper I—*Indian Foreign Policy*

1. Bases of Indian Foreign Policy.
2. Non-alignment ; origin and development non-aligned movement.
3. Nehru era ; main foreign policy developments ; an assessment.
4. Non-alignment after Nehru ; stresses and strains of 60's.
5. Foreign policy in the 70's and 80's continuity and change.
6. India and super powers ; Sino-Indian relations.
7. Indian Ocean ; Nuclear policy ; Disarmament.
8. Foreign Economic Policy ; recipient and donor or aid ; trade tariff and special agreements.
- *9. Educational and cultural relations.
10. India and neighbours.
11. Foreign Economic Policy ; Foreign aid and trade.
12. India thə U.N.
13. Current Issues.

Paper II—*International Law.*

1. International Law ; Nature and Sources.
2. Codification and Progressive Development of International Law, Role of the New Nations.
3. Recognition of New States and Governments with special reference to India's policy and practice.
4. Jurisdiction, Territorial, Maritime, Personal.
5. Diplomatic Immunities and Privileges.
6. Law of Treaties in the light of the Vienna Convention of 1969.
7. Law of the Sea.
8. Pacific Settlement of Disputes : Regulation of War.
9. Intervention and other methods short of war with special reference to Blockade and Reprisals.
10. Disarmament with special reference to the emerging Law of Weapons Restraint : legality of Nuclear weapons.

* Deleted from the current academic year i.e. 1981-82.

11. Neutrality : Concept and its evolution.
12. International legal order : Issues and challenges.

Or

Foreign Policy and Diplomacy

1. Nature and objectives of Foreign Policy.
2. Foreign Policy and Domestic Policy ; Foreign Policy and Diplomacy ;
3. Formulation of Foreign Policy.
4. Public opinion and Foreign Policy : Role of Legislative Political Parties, Pressure Groups and Press.
5. Administration and Foreign Policy ; Administrative structures ; Foreign Policy coordination, officers in the fields.
6. Foreign service ; Recruitment, Training and Problems.
7. Foreign Aid as an instrument of Foreign Policy.
- *8. Foreign Policy of India, U.K., U.S.S.R. and U.S.A. since 1960.
9. Diplomacy, old and new. Diplomacy under Democracy and Dictatorship.
10. Diplomat and his functions.
11. Diplomacy in a Nuclear Age ; Crisis Diplomacy, Personal and Summit Diplomacy.
12. Current Problems in Foreign Policy and Diplomacy.

Paper III—International Organisation

1. Evolution and Nature of International Organization.
2. League of Nations : Working and causes for its failure.
3. U.N. : formation, objectives and Principles.
4. Structure, Functions and working of the General Assembly. The Security Council. Economic and Social Council, Trusteeship Council.
5. Secretary-General : International Civil Service.
6. International Court of Justice ; Pacific Settlement of Disputes.
7. Collective Security : Korean Action ; Regionalism.
8. U. N. Peacekeeping operations.
9. International Protection fo Human Rights.

* Deleted from the current academic year i.e. 1981-82.

10. Towards a new International Economic Order ; Issues and Problems : the role of the Group of 77.
11. U. N. and the Developing countries with special reference to India's role.
12. Functionalism and International Organization : the role of specialised agencies, with focus of the ILO, UNESCO, WIO, FAO.
13. Revision of the U.N. Charter ; problems and prospects ; future world order models.

Paper IV—*Super Powers and Asia.*

1. Power concept and classification of States.
2. Cold War : Origin, growth and consequences.
3. US-Soviet Equation : Strategic, military, political and economic, implications for Asia.
4. American Foreign Policy in Asia : Major issues.
5. Soviet Foreign Policy in Asia : Major issues.
6. South Asia : Regional Balance of Power.
7. West Asia : Israel, Oil, Religion.
8. East Asia : Balance of Power.
9. Southeast Asia : Vietnam and after.
10. Multinationals in Asia.
11. Rich vs. Poor : North South Dialogue ; international economic relations.
- *12. Indian Ocean.
13. Super Power and Asia : Problems and Prospects.

Sub Group (D)—Asian Studies

Paper I—*Southeast Asia.*

1. Traditional society and patterns of authority in southeast Asia. The impact of geo-politics on southeast Asia. India's cultural influence on southeast Asia.
2. The Western Impact.
3. Nationalist Movements in Southeast Asia.

* Deleted from the current academic year i.e 1981-82.

4. Independence and its aftermath. Evolving state systems. The role of the bureaucracy.
5. Modernization and the persistence of traditional patterns of authority. The continuing influence of religion.
6. Experiments in constitutionalism and liberal democracy. The role of Communism.
7. Party systems and leadership in Southeast Asia.
8. The emergence of authoritarianism and military rule.
9. The role of students and their influence on politics. The role of minorities in Southeast Asia.
10. The influence of the USA, USSR, People's Republic of China, France, Britain and India on Post-independent, Southeast Asia.
11. Foreign aid and its role in Southeast Asia.
12. Regionalism and interdependence among Southeast Asian nations. ASEAN : Its Emergence and Effectiveness.

Or

Paper I—*West Asia*

1. Traditional State systems and authority patterns in West Asia.
2. The role of Islam. Divergent trends. The emergence of religious fundamentalism, Islamic and Jewish.
3. The strategic factor and its importance. The impact of the West.
4. The rise of nationalism. Modernization amidst the prevalence of tradition and conservatism. Experiments in constitutionalism.
5. Aftermath of the 2nd World War.
6. The role of communism and authoritarianism.
7. Israeli—Arab relations : Palestineproblem : Suez crisis.
8. The role of the military.
9. The economics and politics of Oil.
10. Regionalism and Interdependence.
11. Revolutions in W. Asia—Egypt, Iraq and Iran.
12. India and West Asia : Economic and Political relations.
13. Super powers in W. Asia.

Paper II—*East Asia : China and Japan*

1. The traditional Society and State systems of China and Japan and the Western impact.
2. Modernisation of China and Japan.
3. The Democratic experiment and the rise of militarism in Japan.
4. The Revolution in China : The rise of the Kuomintang.
5. Constitutional experiments in China and Japan.
6. The rise, growth and victory of Communism in China.
7. The impact of the Second world war on Japan : The American Occupation.
8. The working of the party system in Japan. Elections in post war Japan.
9. The organisation and structure of the Communist Party of China. Major factional struggles within the party.
10. The role of the Army in China.
11. Maoism in China : The Cultural Revolution and its impact. China after Mao.
12. The interaction between the economy and the polity in contemporary Japan. The role of students and other pressure groups.
13. India's relations with China and Japan.

Paper III—*Political Sociology with reference to Third World.*

(See Paper IV in Group (B)—Public Administrations)

Paper IV—*Super Powers and Asia.*

1. Power concept and classification of States.
2. Cold War : Origin, growth and consequences.
3. US-Soviet Equation : Strategic, military, political and economic, implications for Asia.
4. American Foreign Policy in Asia : major issues.
5. Soviet Foreign Policy in Asia : major issues.
6. South Asia : Regional Balance of Power.
7. West Asia : Israel, Oil, Religion.
8. East Asia : Balance of power.

9. Southeast Asia : Vietnam and after.
10. Multinationals in Asia.
11. Rich vs. Poor : North South Dialogue ; international economic relations.
12. Indian Ocean.
13. Super Powers and Asia : Problems and Prospects.

Sub Group (E)—Indian Studies

Paper I—*Indian Foreign Policy*

(Syllabus same as that of Paper I of Sub Group ' C ').

Or

Indian Administrative System.

(Syllabus same as that on Paper I of Sub Group ' B ').

Paper II—*Modern Indian Political Thought*

(Syllabus same as that for Paper I of Sub Group (A)—Theory).

Paper III—*Political Sociology with special reference to Third World.*

(Syllabus same as that for Paper IV under Sub Group ' B ').

Paper IV—*State Politics in India* (State Politics : Its Significance).

1. Reorganization of States since independence ; Boundary and River-water disputes ;
2. Functioning of legislatures ; Role of Governors. Working of the Cabinet system of Government in States.
3. Judiciary and the States.
National Regional Political Parties, DNK, AIADMK, Akali Dal, PWP and Shiv Sena.
Their organisation at the State level, leadership and patterns of support-structures Intra Party factionalism nature and intensity.
5. Elections to the state Assemblies.
6. President's Rule in States.
7. Disputes between State and the Union Government.
8. Demand for autonomy for the States.

9. Interaction of Policy and economy, changing of elite structures and growing imbalances.
10. Major tasks of economic development : Possible areas and issues of economic strains and their political implications.

Sud Group (F)—American Studies

Paper I—*American Government and Politics*

1. Nature of the American Political System.
2. The Constitution : Principles and Salient Features.
3. Growth and Development of the Constitution.
4. Federal System : Concept of Federalism : Nature of the Federal Union in the Constitution ; New Federation-Supreme Court Interpretation of the Tax, Commerce and Equal Protection clauses.
5. National Government :
 - (a) Presidency : The Chief Executive-Powers and Functions ; Growth of the Presidency ; Office of the Presidency ; President and Congress.
 - (b) Congress : Functions, Powers, Organisation, Procedure, Congress at work.
 - (c) Judiciary : Supreme Court and Constitution ; Judicial Review ; Federal Judiciary.
6. State Governments : Relation and place in the Federal System, Governments, Metropolitan Problems.
7. American Political System : Problems and Prospects.

Paper II—*Selected Themes in American Political Thought*

1. European Heritage—Age of reason, the Colonial Mind, State and Church in Colonial America—Secularism through American experience.
2. American Revolution : Virginia Bill of Rights, Declaration on Independence, Nature and Extent of the Revolution.
3. Cult of the Common man : The democratic idea and the march of American history : the concept of popular culture : the problem of status in American Society.
4. Capitalism—The taming of a continent and the ideology of a business civilisation ; Laissez faire ; Social Darwinism.
5. Reformism—Revolution from the gospel of wealth reformers : utopians, dissenters ; populists ; progressives.

6. **Welfarism—New Deal to Great Society.**
7. **Conservatism, Liberalism and Socialism.**
8. **The new jurisprudence and the defence of social change.**
9. **Civil Rights—The Negro in America ; other minorities.**
10. **Quality of Life in America—Challenge of change ; affluence, the Organization Man—depersonalisation of the individual and conformity in a free society ; search for identity in an affluent society, pursuit of excellence.**

Paper III—*American Foreign Policy Since World War II*

1. **Basic Principles of American Foreign Policy ; Isolationism and Interventionism.**
2. **Foreign Policy Process : Role of the President, Presidential Advisers, National Security Council and the White House.**
3. **Department of State : Structure, Functions, Powers, Secretary of State ; Defence, Commerce and other Departments.**
4. **Foreign Service : Recruitment and Training ; Issues.**
5. **Role of Congress, Political Parties, Pressure Groups, Press and Public in the making of foreign policy.**
6. **Cold War : Origin, Development ; Koren War, Cuban Missile Crisis and Vietnam War.**
7. **Military Strategy : Alliances, NATO, CENTO and SEATO.**
8. **Detente : Nature evolution and future.**
9. **America's Relations with the Soviet Union and China.**
10. **Foreign Economic Policy ; the US and the Developing Nations.**
11. **Indo-American Relations : Political, Economic and Cultural.**
12. **The US and the UN.**

Paper IV—*Political Sociology of Western Democracies.*

(Syllabus same as that for Paper IV Sub Group ' A '—Theory).

Sub Group (G)—Russian Studies

Paper I—*Maxism*

(Syllabus same as that for Paper I Sub Group ' A '—Theory).

Paper II—*Soviet Government and Politics*

1. Political movements before October Revolution.
2. The Communist Party of Soviet Union. Its organisation, role and functions ; Democratic Centralism ; inner party democracy and succession contingency.
3. Soviet Constitutions : Changes, flexibility.
4. Soviet government : Its structure, federal nature, Nationality question. Relationship between government and party.
5. Soviet Judiciary : Functions, structures, its role in the political system.
6. Role of organizations : Trade Unions, Kosomols, Pioneers, Linerary groups.
7. Peoples participation : Expression of dissent, Channels of expression, Liberalization process, intelligientia.
8. The Soviet political system : Problems and Prospects.

Paper III—*Comparative Communist Systems*

Governments and Political System of East European countries :

1. Structure of governments in Eastern Europe ; Constitution ; political parties ; similarities and contrasts in the organisation and functions of governments and parties in the Eastern Europe ; Problem of minorities ; Society and Government ; Party structure in Eastern Europe.
2. Formation of Warsaw pact and CMEA and their significance.

Country studies :

1. Yugoslavia—Tito's break with the monolithic structure of Communist world. Its application in Yugoslav economic structure and political behaviour.
2. Poland—Polish parties in government structure. Polish church in polities of Poland.
3. Hungary—Politico-economic structure of Hungary.

Eastern Europe—Problems and Prospects :

1. Destalinization and its impact on Eastern Europe ; Relations between CPSU and Eastern European Communist Parties ; Relations between the Soviet government and the governments of Eastern Europe.

2. Intellectuals, Dissent and Elites in Eastern Europe ; Special Reference to Poland, Czechoslovakia, G.D.R., Forces of liberalisation in the 60's and 70's.
3. Citizen participation and Attempts at Decentralization of power in Eastern Europe (centre-state relationship).
4. Attempts at integrated politico-economic structure through CMEA and its future.

Paper IV—*Russian Foreign Policy*

1. Theoretical Foundations of Soviet foreign policy from Lenin to Brezhnev—Rigidity and Flexibility.
2. Soviet Union as leader of International Communist Movement : Comintern ; Disagreement with China ; Euro-communism, impact on Communist movement in developing countries (India, Ceylon).
3. Socialist Democracies : Soviet Relations with East European countries, Cuba and Vietnam.
4. Soviet Union and the Third World (with special reference to India and South Asia.)
5. Relations with Capitalist countries : U.S.A., Japan and E.E.C.
6. Soviet Union's participation in World Organizations : United Nations.
7. Detente—SALT, Non-proliferation treaty and Soviet participation.
8. Stresses and strains of Soviet Foreign Policy.
9. Foreign Aid as instrument of foreign policy : economic, military.
10. Cultural Exchanges : Social, education, science and technology.

Sub Group (H)—*African Studies*

Paper I—*Government and Politics in East Africa (Kenya, Uganda and Tanzania).*

1. Political Culture—early political systems—Socio-economic basis Arab influence.
2. British and German occupation—Christain missionary activity.
3. Colonial policy and evolution of political institutions.
4. Linguistic Tribal some racial factors in East Africa.
5. Nationalist movements—Mau-Mau uprising-emergence of nationalits parties.

6. Independence and constitutional framework—executive legislative and judiciary.
7. Political parties—their working—evolution of one party system and Central authority.
8. Political recruitment.
9. Ideologies in East Africa.
10. Role of Bureaucracy.
11. Role of elites : military.
12. Regionalism and religion.
13. East Africa in African Politics, Pan-Africanism and OAU.

Paper II—*Nation Building in Africa*

1. Nation Building : Concepts and Issues.
2. Diversity and ethnicity—tribal structure and social organisation.
3. Religion in Africa : Indigenous beliefs, Islam and Christian, Indigenous Political system.
4. Scramble for Africa : Comparative colonial systems and administration—Anglophone, Francophone and Portuguese systems.
5. Political institution building since independence.
6. Role of elites, leadership and political parties in African government and politics.
7. Tribal and Racial factors.
8. Pluralistic structures and problems of undevelopment.
9. Role of education—management of manpower.
10. Problems of Planning and development.
11. Problems of Nation Building in planning.
12. External factors in Africa—regional groupings—Africa in international politics—Pan-Africanism—OAU—International finance and multinationals.

Paper III—*Political Sociology*

With reference to third World.

(Syllabus same as that for Paper III Sub-Group 'B'—Public Administration.)

Paper IV—*Africa in World Affairs*

1. The emergence of African nation states.
2. Africa and Europe.
 - (i) E.E.C. and African Associated States.
 - (ii) Afro-French Community ties.
 - (iii) British commonwealth and Africa.
3. Africa and the super powers :
 - (i) Power concept.
 - (ii) U.S. Soviet power equation : Implications for Africa.
 - (iii) U.S. and Soviet policy goals in Africa.
4. Transnationals in Africa ; their Economic and Political significance.
5. Pan-Africanism, O.A.U., E.C.A.
6. Africa in the United Nations.
 - (i) Political influence
 - (ii) Economic impact
 - (iii) Impact on Liberation Movements in Southern Africa.
 - (iv) Impact on South Africa's racial policies.
7. Africa and NIEO.
8. Africa and the 'Third World.
9. Africa and India.

List of Books for Papers in Politics at the revised M.A. (Part I) Course**Group I**Paper I—*Political Theory*

1. Apter, D.E.—*Introduction to Political Analysis*. New Delhi, 1978.
2. Benn, S. I. and Peters, R.—*Social Principals and the Demoratic State*. London, 1966.
3. Berlin, I.—*Four Essays on Liberty*. London, 1969.
4. Charlesworth, J. C. (ed).—*Centemporary Political Analysis*. New York, 1967.
5. Colletti, L.—*From Rousseau to Lenin*. New Delhi, 1978.
6. Decrespigny, A and Wretheimwer, A. (eds.)—*Contemporary Political Theory*. Edinburgh, 1971.

7. Eulau, H.—*The Behavioural Persuasion in Politics*. New York, 1964.
8. Honderich, T. (ed.)—*Social Ends and Political Means*. London, 1976.
9. Kamenka, E. and Tay Erh-Soon, A. (eds.)—*Human Rights*. London, 1978.
10. Macpherson, C. B.—*Democratic Theory*. London, 1973.
11. Marglois, M.—*Viable Democracy*. London, 1979.
12. Miliband, R.—*The State in Capitalist Society*. London, 1970.
13. Mill, J. S.—*On Liberty*. London, 1859.
14. Nosbet, R. A.—*Quest for the Community*. New York, 1953.
15. Olafson, J. O. (ed.)—*Justice and the Social Policy*. Englewood Cliffs, 1961.
16. Pennock, J. R.—*Democratic Political Theory*. Princeton, 1979.
17. Quinton, A. (Ed.)—*Political Philosophy*. London, 1971.
18. Spragens, T. A. Jr.—*The dilemma of Contemporary Political Theory*. New York, 1973.

Paper II—*Selected Themes in Politics*

1. Aiyer, S. P. and Raju, S. V.—*When the Wind Blows—India's Ballot Box Revolution*. Bombay, 1978.
2. Bachal V. M.—*Freedom of Religion and the Indian Judiciary*. Poona, 1978.
3. Banerjee, Sumant—*In the Wake of Naxalbari: A History of the Naxalite Movement in India*. Calcutta, 1980.
4. Biswas, Sukumar (ed.)—*Constitutional Amendments—A study*. Calcutta, 1977.
5. Dahiya Mahinder Singh—*Office of the Governor in India*. Delhi, 1979.
6. Frankel Francine—*India's Political Economy—1947-1977. India's Gradual Revolution*. Delhi, 1978.
7. Gangal, S. C.—*Prime Minister and Cabinet in India—A Political Study*. New Delhi, 1972.
8. Sen Gupta Bhabhani—*Communism in Indian Politics*. Columbia, 1972.
9. Hart, H. C. (ed.)—*Indira Gandhi's India*. New Delhi, 1977.
10. Jain, R. B.—*The Indian Parliament: Innovations. Reforms and Development*. Calcutta, 1976.

11. Katazenstein Mary—*Ethnicity and Equality : The Shiv Sena Party and Preferential Politics in Bombay*. Ithaca, 1979.
12. Kothari Rajni—*Democratic Polity and Social Change in India*. Bombay, 1976.
13. Kothari Rajni—*Politics in India*. New Delhi, 1970.
14. Lloyd Rudolph I. and Rudolph H. Susanne—*The Modernity of Tradition, Political Development in India*. Chicago, 1969.
15. Luthera, V. P.—*The Concept of the Secular State and India*. London, 1964.
16. Mahar Michael J. (ed.)—*The Untouchables in Contemporary India*. Arizona, 1972.
17. Malik Surendra (ed.)—*The Fundamental Rights Cases 1951-1973*. New Delhi, 1973.
18. Palkiwalla, N. A.—*Our Constitution Defeced and Defled*. Delhi, 1974.
19. Phadke, Y. D.—*Politics and Language*. Bombay, 1979.
20. Rao B. Shiva (ed.)—*India's Constitution in the maikng*. Bombay, 1963.
21. Rao, K. Subba—*Conflicts in Indian Polity*. New Delhi, 1970.
22. Rosen, G.—*Democracy and Economic Change in India*. Bombay, 1966
23. Seervai, H. M.—*Constitutional Law of India*. Bombay, 1967.
24. Selbourne, David—*An Eye to India*. Harmonds worth.
25. Shakir, Moin—*Muslim Politics in India*.

Paper III—International Politics

1. Beitz, C. R.—*Political theory and international relations*. Princeton, Princeton University Press, 1979.
2. Bull, Hedley—*The Anarchical Society : A Study of Order in World Politics*. Columbia University Press, New York, 1977.
3. Burton, J. W.—*International Relations : A General Theory*. Cambridge University Press, Cambridge, 1965.
4. Choucri, Nazil and Thomas W. Robinson, ed.—*Forecasting in Inter-national Relations : Theory, Methods, Problems, Prospects*, Santa Barbara, Calif, ABC-Clio, 1978.

5. Claude, I.—*Power and International Relations*. Random, New York, 1962.
6. Coplin, William D.—*Introduction to International Politics : A Theoretical Overview*, Chicago, Markham Pnle, 1971. 2nd ed.
7. Columbus, Theodore A. James H. Wolfe—*Introduction to International Relations : Power and Justice*. (Englewood Cliffs, NJ : Princeton Hall, 1978.
8. Frankel, Joseph—*International Politics : Conflict and Harmony*, Oxford University Press, London, 1969.
9. Frankel, Joseph—*Contemporary International Theory and the Behaviour of States*. London, Oxford University Press, 1973.
10. Freeman, Christopher and Jahoda, Harie (eds.)—*World Futures : The Great Debate*. Martin Robertson, London, 1978.
11. Henkin, Louis—*How Nations Behave : Law and Foreign Policy*, 2nd Edn. New York : Columbia University—for the Council on Foreign Relations, 1979.
12. Holsti, K. J.—*International Politics : A Framework for Analysis ;* Prentice Hall, New Delhi, 1978. ed.3.
13. Levi, Werner—*International Politics Foundations of the System*. Oxford University Press, 1974.
14. Luard, Evan—*Types of International Society*, New York, The Free Press, 1976.
15. Luttwak, Edward N.—*Strategic power : military capabilities and political utility*. Sage Publications, Beverly Hills, 1976.
16. Modelski, George—*Principles of World Politics*, New York, Free Press, 1972.
17. Morgan, R. (ed.)—*Study of International Affairs : Essays in Honour Kenneth Younger*. London, OUP., 1972.
18. Morgentha U, Hans J.—*Politics Among Nations : The Struggle for Power and Peace*, 5th edn., New York, Alfred A. Knopf, 1966. Indian Reprint, by Scientific Book Agency Calcutta, 1966.
19. Morse, Edward, L.—*Modernization and the Transformation of International Relations*. N.Y. Free Press, 1976. 208 pp.
20. Rana, A. P.—*The Imperatives of Non-dignament: A Conceptual Study of India's Foreign Policy Strategy in the Nehru Period*. Delhi, Macmillian Co. of India, 1976.

21. Said, A. A. ed.—*Theory of International Relations : The Crisis of Relevance*, Englewood Cliffs, Prentice Hall, Inc. New Delhi, Prentice Hall, 1968.
22. Singer, Marshall R.—*Weak States in a World of Powers, the Dynamics of International Relationships*. New York, Free Press, 1972.
23. Tanter, R. and Ullman, R. H.—*Theory and Policy in International Relations*, Princeton, Princeton University Press, 1972.
24. Ulam, Adam B.—*The Rivals : America and Russia since Second World War*. New York, Viking, 1971.
25. Waltz, Kenneth Neal—*Throy of International Politics*, Addison-Wesley, Reading Mass, 1979.

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13. Markovitz, J. L.—*African Politics and Society: Basic issues and Problems of government and development*. New York, 1970.
14. Mazrui, A. A.—*Cultural Engineering and Nation-Building in East Africa*. Illinois, 1972.
15. Mazrui, Ali A.—*Soliders and Kinsmen Uganda: The making of a military ethnocracy*. Beverly Hills, 1975.
16. Mboya, Tom.—*Freedom and after*. London, 1963.
17. Morgan, T. W. (ed.)—*East Africa: Its peoples and resources*, Nairobi, 1972.
18. Muga, E.—*African Response to Western Christian Religion*. Nairobi, 1975.
19. Nyerere, J.—*Freedom and Socialism*, London, 1968.

20. Nyerere, J.—*Freedom and Unity—Uhurumar Umoja*. Dar es Salam.
21. Ogat, B. A.—*Politics and Nationalism in Colonial Kenya*. Hadith 4, Nairobi, 1972.
22. Pratt, C.—*The Critical Phase in Tanzania*. London, 1976.
23. Sigmund, Paul E. Jr. (ed.)—*The ideologies of the developing Nation*. New York, 1964.
24. Smith, W. E.—*We must run while they walk*. New York, 1971.
25. Tordoff, W.—*Government and Politics in Tanzania*. Nairobi, 1967.

Paper II—*Nation Building in Africa*

1. Ajala, Adojumle—*Pan-Africanism : Evolution, Progress and Prospects*. London, 1974.
2. Davidson, B.—*Which way Africa ?* Harmondsworth, 1971.
3. Damachi, U. G., Routh Guy and Ali Taha A. R. E. (eds.)—*Development Paths in Africa*. London, 1976.
4. Deutsch, Karl, W. and Foltz, William J. (eds.)—*Nation-building*. New York, 1963.
5. Fallers, L. A.—*Inequality : Social Stratification Re-considered*. Chicago, 1973.
6. Ghai, Dharam (ed.)—*Economic Interdependence and Economic Integration in Africa*. Nairobi, 1973.
7. Hance, William A.—*Black Africa Develops*. Weltham, 1977.
8. Janheinz, J.—*Muntu*. London, 1961.
9. Jolly, Richard—*Planning education for African development : Economic and Manpower Perspectives*. Nairobi, 1969.
10. July, R. W.—*The Origins of modern Africa thought*. London, 1967.
11. Maquet, J.—*Africanity, the cultural unity of black Africa*. New York, 1972.
12. Markovitz, J. L.—*African Politics and Society : Basic Issues and Problems of Government and Development*. New York, 1970.
13. Markovitz, J. L.—*Power and class in Africa, an introduction to change and conflict in African Politics*. Englewood Cliffs, 1977.
14. Mazrui, A.—*Cultural Engineering and Nation-Building in East Africa*. Illinois, 1972.

15. Potholm, C. P.—*Theory and Practice of African Politics*. Englewood Cliffs, 1979.
16. Prewitt, K.—*Education and Political values*, Nairobi, 1971.
17. Rivkin, Arnold—*Nation-Building in Africa : Problems and Prospects*. New Jersey, 1969.
18. Mutiso, Gideon-Cyrus M. and Rohio, S. W. (eds.)—*Readings in African Political Thought*. London, 1975.
19. Robinson, Ronald, Gallagher, John, Denny, Alice—*Africa and the Victorians*. London, 1961.
20. Roland, Oliver—*Missionary Factor in Africa*. New Jersey, 1967.
21. Samir, Amin—*Unequal development : an essay on the social formation of peripheral capitalism*. New York, 1977.
22. Schapera, I.—*Government and Politics in Tribal Societies*. London, 1956.
23. Trimmingham, S. J.—*The influence of Islam upon Africa*. London, 1968.
24. Van den Berghe, Pierre, L.—*Race and Ethnicity in Africa*. Nairobi, 1975.
25. Welch, Claude, (ed.)—*Solider and State in Africa*. Evanston, 1970.
26. Wilson, H. S.—*The Imperial Experience in Sub-Saharan Africa Since, 1870*. Minncapolis, 1977.

Paper IV—*Africa in World Affairs*

1. Albright, David E.—*Africa and International Communism*, Macmillan, London, 1980.
2. Bedjaoni, Mohammed—*Towards a New International Economic Order*, (UNESCO New Challenges to International Law) UNESCO, Paris, 1979.
3. Bezboruah, Mohoranjan—*U.S. Strategy in the Indian Ocean : The International Response*, Praeger Publishers, New York, 1977.
4. Clarke, John Menrick—*Dimensions of the Struggle Against Apartheid*, (A tribute to Paul Robeson on his 80th Birth anniversary). African Heritage Studies Association, New York, 1979.
5. Cohn, Helen Desfosses—*Soviet Policy Toward Black Africa : The Focus on National Integration*, Praeger Publishers, New York, 1972.
6. Hovet, Thomas—*Africa in the United Nations*, Faber and Faber, London, 1963.

7. Larkin, Bruce, D.—*China and Africa 1949-1970 : The Foreign Policy of People's Republic of China*, Berkley, University of California Press, 1971.
8. Legum, Colin—*Pan-Africanism : A Short Political Guide*, Praeger, New York, 1962.
9. Manchkha, Pyotr—*Africa on the New Road*, Novosti Press Agency Publication House, Moscow, 1972.
10. Mugomba, A. T.—*The Foreign Policy of Despair : Africa and the State of Arms to South Africa*, East African Literature Bureau, Kampala, 1977.
11. Nielsen, Waldemar, A.—*The Great Powers and Africa*, Pall Mall Press, London, 1969.
12. Northedge, F. S.—*Order and the System of International Politics ; Four Lectures Delivered in Nigeria in September 1976 Under the Auspices of the Nigerian Institute of International Affairs*, Lagos, Nigerian Institute of International Affairs, Lagos, 1971.
13. Padelford, Norman J. and Rubert Emerson (eds.)—*Africa and World Order*, Praeger, New York, 1962.
14. Padmore, George—*Pan-Africanism or Communism? The coming struggle for Africa*. Doubleday, Garden City, New York, 1971.
15. Ramchandani, R. R. (editor)—*India and Africa*, Radiant Publishers, New Delhi, 1980.
16. Ramchandani, R. R. (Convenor)—*India and East Africa Littoral Minterland and Island States : Areas of Cooperation*, (International Seminar Proceedings, 1980) (Mimco).
17. Rivkin, Arnold—*Africa and the West : Elements of Free-World Policy*, Thames and Hudson, London, 1962.
18. Seidman, Ann and Seidman Neva—*U.S. Multinationals in Southern Africa*, Tanzania Publishing House, Dar es Salaam, 1977.
19. Shaw, T. M. and Heard, K. A. (eds.)—*Politics of Africa—Dependence and Development. (Dalhousie African Studies Series)*, Longman, London, 1979.
20. Stockholm International Peace Research Institute—*Southern Africa : The Escalation of a Conflict : A Politico-military Study*. Praeger Publishers, New York, 1976.
21. Timbergen, Jan—*Reshaping the International Order Report to the Club of Rome*, Hutchinson, London, 1977.

22. Le Vine, V. T. and Luke, T. W.—*The Arab-African Connection : Political and Economic Realities*. Westview Press, Boulder, 1979.
23. Widstrand, Carl, (ed.)—*Multinational Firms in Africa*, Scandinavian Institute of African Studies, Uppasala, 1975.
24. Zartman, I. W.—*International Relations in the New Africa*, Prentice-Hall, Englewood Cliffs, 1966.

PHILOSOPHY

The following will be the titles of the four Compulsory papers in Philosophy prescribed for Part I of the revised M. A. degree course introduced from the academic year 1980-81 :—

Paper I—*Indian Philosophy—Classical and Contemporary*.

Paper II—*Contemporary Western Philosophy*.

Paper III—*Moral Philosophy*.

Paper IV—*Psychology*.

Papers V and VI (Any two of the following) :—

1. Phenomenology, Existentialism and Philosophy of Value.
2. Empiricism, Logical Positivism and Analysis.
3. Nyaya (Old and New).
4. Ancient Greek Philosophy.
- *5. Islamic Philosophy.
6. Scholastic Philosophy.
7. Philosophy of Religion.
8. Social and Political Philosophy.
9. Aesthetics.
10. Essay.
11. Symbolic Logic.
- *12. Philosophical Logic.
13. Philosophy of Science.
14. Bio-Socio Ethics.

*The syllabus for the optional papers (1) Islamic Philosophy and (2) Philosophical Logic under the old M.A. degree course has been adopted for the said papers under Papers V and VI of the revised M.A. (Part II) course.

Papers VII and VIII (Any *two* of the following) :—

1. Jainism.
2. Buddhism.
3. Shankaracharya.
4. Ramanujacharya.
5. Madhavacharya.
6. Vallabhacharya.
7. Sri Aurobindo.
8. Plato.
9. Aristotle.
10. Kant.
11. Bradley.
12. Husserl.
13. Heidegger.
14. Russell.
15. Ayer.
16. Indian Ethics.
17. Comparative Religion (A Study of Religions Philosophy).
18. Indian Epistemology.
19. Shaivism, Shaktism and Tantra.

Paper I—*Indian Philosophy—Classical and Contemporary*

Section I (Classical)

1. Pre-advaita Background of Vendanta and Source Materials.
2. Advaita of Shankara.
3. Vishishtadvaita of Ramanuja.
4. Dwaitadwaita of Nimbarka.
5. Dvaita of Madhwa.
6. Shuddhadvaita of Vallabha.
7. Navya—Vishistadvaita of Swaminarayan.

Section II (Contemporary)

8. Vivekananda.
9. Tilak.
10. M. N. Roy.
11. Aurobindo.
12. K. C. Phattacharya.
13. J. Krishnamurti.
14. Vinoba Bhave.

*Books recommended for Study**Section I*

For Topic 1 :—‘Vedanta’ by V. S. Ghatе (Introduction only). From ‘Cultural Heritage of India, Volume I, pp. Nos. 493-526 and 549-557 for topic No. 2 ; pp. Nos. 558-571 for topic No. 3 ; pp. Nos. 572-581 for topic No. 4, pp. Nos. 582-596 for topic No. 5 ; pp. Nos. 597-608 for topic No. 6.

For from ‘History of Philosophy, Volume I (Eastern)’ pp. No. 272-304 for topic No. 2 ; pp. Nos. 305-321 for topic No. 3 ; pp. Nos. 338-346 for topic No. 4 ; pp. Nos. 322-337 for topic No. 5 ; pp. Nos. 347-356 for topic No. 6.

For topic No. 7 ; pp. 32-38, 49-64, 198-208, 217-225 from ‘Life and Philosophy of Swaminarayan’ (George Allen and Unwin Pub.)

Section II

For topic No. 8 :—Chapter on Vivekanand from ‘Modern Indian Thought’ by V. S. Naravane.

For topic No. 9 :—Chapters 1 to 3 from ‘Geeta Rahasya’ translation in English by Sukhthankar.

For topic No. 10 :—‘New Humanism’ by M. N. Roy.

For topic No. 11 :—Chapter on ‘Human Cycle’ from ‘Life Divine’ by Aurobindo Ghosh.

For topic No. 12 :—Chapter on Subject as Freedom by K. C. Bhattacharya from the text ‘Contemporary Indian Philosophy’.

Paper II—*Contemporary Western Philosophy.**Section I*

1. Revolt against absolute idealism.
2. (a) Logical Positivism—Vienna Circle Carnap, Ayer and Schlick.
(b) Linguistic Philosophy—Wittgenstein, Ryle, Austin and Strawson.

Section II

An attempt to snap the alternation between Realism and Idealism.

- (a) Bergson.
- (b) Phenomenology—E. Husserl.
- (c) Existentialism—Kierkegaard, Heidegger, Jaspers, Sartre and Marcel.

*Books recommended for Study***1. Logical Positivism**

1. Urmson—Philosophical Analysis (for general reading).
2. Ayer, A. J.—Language, Truth and Logic—second edition, Introduction to second edition, Chapter I and the Chapter on the A' priori.
3. Schlick—The turning point in Philosophy.
4. Carnap—The elimination of Metaphysics.
5. Russell—Logical Atomism.
(3, 4, 5—from 'Logical Positivism' edited by A. J. Ayer. Also the introduction to this edition is for reading).
6. Schlick—Is there a factual A' priori?
7. C. I. Lewis—A pragmatic conception, of the A' priori.
8. E. Nagel—Logic without ontology.
(6, 7, 8 from 'Readings in Philosophical Analysis edited by Feigl and Sellers).
9. The Linguistic Theory of A' Priori proposition by Ewing from 'Clarity is not enough' edited by H. D. Lewis.

2. Post Positivistic, Linguistic Philosophy

1. 'Systematically misleading expressions' by G. Ryle—from *Logic and Language*, edited by A. G. N. Flew and also from *20th Century Philosophy* edited by Morris Weitz.
2. 'Philosophical Arguments' by Ryle from *Logical Positivism* edited by Ayer.
3. 'A plea for excuses' by Austin, from 'Philosophical papers, and also from '20th Century Philosophy' edited by Morris Weitz.
4. 'Philosophical Perplexity' by Wisdom.
5. 'Pain and Private Language' by Wittgenstein.
(4 and 5 from *20th Century Philosophy* ed. by Morris Weitz.)
6. Introduction—by Strawson to his book *Individual*.
7. 'The Philosophy of Analysis' by Brand Blanshard—from 'Clarity is not enough' edited by H. D. Lewis.

Section II

1. Farber, M.—*Phenomenology*.
2. Blackham—*Six existentialists*.
3. Grimsley—*Existentialist Thought*.
4. Bergson—*Introduction to Philosophy*.
5. Hultkrantz, A.—*General Ethnological Concepts*.
6. Hymes, D.—*Language in Culture and Society*.
7. Kaplan, B.—*Studying Personality Cross-Culturally*.
8. Kardiner, A. and Prebble, E.—*They Studied Man*.
9. Gergen, K. J.—*The Concept of Self*.
10. Kroeber, A. I.—*Anthropology Today*.
11. Krutch, J. W.—*The measure of Man : On Freedom, Human Values, Survival and the Modern Temper*.
12. Kuper, A.—*Anthropologists and Anthropology : The British School 1922-72*.
13. Leaf, M. J.—*Man, Mind and Science : A History of Anthropology*.
14. Lessa, W. A. and Vogt, E. Z. (eds.)—*Reader in Comparative Religion : An Anthropological Approach*.
15. Levi-Strauss, C.—*Structural Anthropology*.

16. Lewis, I. M.—History and Social Anthropology.
17. Manners, R. A. and Kaplan, D.—Theory in Anthropology.
18. Murphy, R. F.—The Dialectics of Social Life : Alarms and Excursions in Anthropological Theory.
19. Peacock, J. G.—Consciousness and Change : Symbolic Anthropology in Evolutionary Perspective.
20. Romero, F.—Theory of Man.
21. Schneider, L. and Bonjean, C. M.—The Idea of Culture in the Social Sciences.
22. Sorokin, P.—Social Philosophies in an Age of Crisis.
23. Stevenson, L.—Seven Theories of Human Nature.

Paper III—*Moral Philosophy*

Section I

1. Nature of Moral Ideal.
2. Theories concerning Moral Ideal—Psychological Hedonism, Utilitarianism—Hedonistic and Ideal, Distinction between Act—Utilitarianism and Rule Utilitarianism.
3. Kant's Categorical Imperative—Self-realization as understood by Green and Bradley.
4. Freedom, determinism and in-determinism—The notion of moral responsibility, the logical positivists view, the views of Campbell and Norvell Smith, Explanation of human action in terms of causes and reasons.
5. Theories of Punishment.
6. Causty and Moral Philosophy. Intergration of personality through the assertion of moral values.

Section II

1. Ethics and Meta Ethics. The task of Moral Philosophy.
2. Nature of moral judgment—Naturalism, non-naturalism and Emotive Theory. Post-emotivist development (prescriptivism).
3. Nature of moral reasoning. The notion of Practical reasoning. Is-ought controversy. The nature of moral reasoning and the relation between the moral judgment and its supporting reasons.

4. De-ontology and Teleology. Relation between 'Concepts of Obligation' /deontological words and 'Concepts of Value' or pro-words Ross' notion of Prime-facie duties. Nowell Smith's Views on 'Duty and Purpose.
5. Existentialist approach to Ethics.

Books recommended for Reading

1. F. H. Bradley—Ethical Studies, Chapters 1, 5 and 6.
2. Moore—Principia Ethica.
3. C. D. Broad—Five types of Ethical Theories.
4. G. J. Warnock—Contemporary Ethical Theories.
5. Nowell Smith—Ethics—Book I complete and chapters on 'Duty and Purpose Freedom and Responsibility.'
6. Mary Warnock—Existentialist Ethics.
7. Shakian Williams—Ethics.

Book recommended for Reference

1. Moral Theories edited by Phillippa Foot (paper back edition).

Paper IV—*Psychology*

Part I

1. W. James—Stream of Consciousness, Theory of Self Will and Habits.
2. McDougall—Energies of Men.
3. Freud—Dreams, Error and Anatomy of Human Personality—Method of Analysis, Free Association and Talking Cure.
4. Gestalt—Perception, learning, Philosophical phenomenon.
5. Watson—Criticism of Instincts hypothesis, learning, conditioned response, emotion and thinking.
6. Associationists—Learning and Method.

Part II

1. Neo-Freudian, Psychology.
2. Neo-behaviorism of Skinner and Tolman.

3. Knowing how and knowing that, the Will, Emotion and Self Knowledge.
4. Remembering, Pleasure, Dreaming.
5. Personal identity, Individuation and Knowledge of other minds.
6. Existentialist approach to Psychology.

Books recommended for Study

1. William James—Principles of Psychology.
2. Woolmen—Systems in Psychology.
3. Edna Hidbreder—Seven Psychologies.
4. Flugel—Hundred years of Psychology.
5. McDougall—Energies of Men.
6. Ryle—Concept of Mind.
7. Donald F. Gustafson—Essays in Philosophical Psychology.
8. Hartmann—Gestalt Theory.

13. Philosophy of Science (Under Papers V-VI)

Part I—(Philosophy of Natural Science)

1. A survey of contemporary approaches to Philosophy of Science. Types of Philosophy of Science.
2. Verification. (Verifiability and Confirmability).
3. Concept formation in the Natural Sciences. The structure and function of theories.
4. The place of models and problems of interpretation.
5. Analysis of causality and Determinism and uncertainty. Probability.
6. An intensive study of explanation. Philosophical significance of relativity and quantum theories.

Part II—(Philosophy of Social Science)

7. Difference between Natural and Social Sciences.
8. Methods of Social Sciences.
9. Problem of Laws in Social Sciences.
10. Theories in Social Sciences.
11. Main types of Sociological Theory.
12. The problem of understanding in the Social Sciences
13. Value of Social Sciences.

*Books Recommended for Study**Part I*

1. Pap, A.—An Introduction to Philosophy of Science.
2. Karl Popper, K.—The Logic of Scientific Inquiry.
3. Nagel, E.—The Structure of Science.
4. Hempel, C. Q.—Aspects of Scientific Explanation.
5. Hempel, C. Q.—Philosophy of Natural Science.
6. Lakotas, J.—Criticism and Growth of Knowledge.
7. Feigl and Broodbeck—Readings in Philosophy of Science.
8. Gale, G.—Theories of Science.
9. Addison, H.—Theory of Models.
10. Frank Philip—Philosophy of Science.
11. Braithwate, R. B.—Scientific Explanation.
12. Reiser, Oliver—Philosophy and Concept of Modern Science.

Part II

1. Morris, G.—The Social Sciences and The Natural Sciences.
2. Kimemman—The Nature and Scope of the Social Sciences.
3. Merton, R. K.—Social Theory and Social Structure.
4. Broodbeck—Readings in the Philosophy of Social Sciences.
5. Breybrook, D.—Philosophical Problems of Social Sciences.
6. Brown, R.—Explanation in Social Science.
7. Gibson, G.—Logic of Social Enquiry.

14. **Bio-Socio-Ethics (Under Papers V-VI)****Section I****(Morality and Bio-Medical Issues)**

- I. **Preliminary Issues** : The bearing of factual knowledge on ethical evaluation.
Ethics and Evolutionary Biology.
- II. **Health and Disease.**
Incurable Diseases, Diagnosis, Psychiatric Treatment, Aging, Euthanasia and Suicide.
- III. **Issues in Reproductive Technologies** :
Birth Control and Test-tube Babies.
Motherhood by Hire.
Prenatal Diagnosis.
Genetic Engineering and cloning.
Population Genetics.
Abortion and Sterilization.
Parenthood and Responsibility.
- IV. **Human Experimentation** :
Patients, Prisoners and Children as Research Subjects.
Control of Behaviour through Drugs.
Indiscriminate use of Drugs and Effects of Drugs.
Reaction to Drugs and the justification of Compensation.
- V. **Ecological Crisis.**
Population and Ethical Concerns.
Rights of the present *vs.* Rights of future Generation.

Books Recommended for Study

1. Bronowski, J.—Science and Human Values.
2. Rent, Dubos—So Human An Animal.
3. Brody, Howard—Ethical Decision in Medicine.

4. Etzioni, Amitai—Genetic Fix.
5. Ivan Illich—Medical Nemesis.
6. Bronowski, J.—The Ascent of Man.
7. Warnock, Mary—Ethics Since 1900.
8. Cabot, Hugh—The Patient's Dilemma.
9. Fletcher, Joseph, F.—Morals and Medicine.
10. Sperry, Willard—The Ethical Basis of Medical Practice.

Section II

(Socio-Professional Issues and Morality)

- VI. Freedom of Thought and Expression ;
Use of Means of Communication.
Fundamental Rights and Duties, Minority Rights.
- VII. Legal Ethics and Public Interest :
Role of Government, Judiciary and Police Department.
Juvenile Delinquents.
Punishment and Treatment of under Trials Prisoners.
Delinquents, Political-prisoners and war-prisoners.
Open Jails and Rehabilitation of Criminals.
- VIII. Role and Code of Conduct :
Codes for students and teachers and Academic Administrators.
Codes for Political Leaders, Ministers and Union Leaders.
Codes for Lawyers, Doctors and Scientists.
Codes for Businessmen, Tradesmen and workers.
Control of corruption.
- IX. Marriage and Divorce :
Preservation of Married Life and Rehabilitation of Families.
Uniformity of Marriage and Divorce Laws.
Racial Difference and Prejudices.
Problems of Immigrants.
Castes and Communal Prejudices.
- X. Use and Justification of Nuclear Power, Atomic Reactors and N-
Bomb-Tests, Nuclear Weapons ;
Radiation Pollution, Use of Radio-active Chemicals.
- XI. Axiological Basis : Concepts of Total Welfare : Material, Biological
and Spiritual.

Books Recommended for Study

1. Titus, H.—Ethics Today (Only Part III).
2. Tacsch, Carl, F.—Professional and Business Ethics.
3. Croso, Benedetto—Politics and Morals.
4. Ashley-Montagu—Man's Most Dangerous Myth.
5. Ernst, Morris—The First Freedom.
6. Bowen, Howard—Social Responsibility of the Businessman.
7. Smith, T. V.—Atomic Power and Moral Faith.
8. Drinker, Henry, S.—Legal Ethics.
9. Barth, Alan—Loyalty of Free Men.

16. Indian Ethics (Under Papers VII-VIII)

1. Ethics of the Vedas and Upanishads.
2. Ethics of Charavaka.
3. Ethics of Jainism.
4. Ethics of Buddhism.
5. Nyaya-Vaisheshica Ethics.
6. Samkhya-Yoga Ethics.
7. Ethics of Purva-Mimansa.
8. Ethics of Mahabharata (with special reference to Geeta).
9. Ethics of the Vedanta :
 - (a) Advaita Vedanta.
 - (b) Vishishtadvaita Vedanta.
 - (c) Dvaita Vedanta.
10. Gandhian Ethics.

Books Recommended for Study

1. Sharma, I. C.—Ethical Philosophies of India.
2. Mackenzie—Hindu Ethics.
3. Das Gupta, S.—Development of Moral Thought in Indian Philosophy.
4. Maitra, S. K.—Hindu Ethics.
5. Sathaye, S. G. (Jaicos)—Moral Choice and Early Hindi Thought.
6. डॉ. बी. एल. आत्रेय—भारतीय नीतीशास्त्र का इतिहास

17. Comparative Religion (Under Papers VII-VIII)

(A Study of Religious Philosophy)

A study of—Hinduism, Jainism, Buddhism, Shikhism, Zoroastrisinism, Judaism, Christianity and Islam, with reference to :—

Metaphysics :

Theism (God), Nature of God, God is personality, Place of God.

World : Its status, Its origin, and Its relation to God.

Problem of Evil.

Man in Religion. Man and God, Man and World.

Immortality.

Ethics.

Freedom, Obligation, Emancipation.

Religion and Social Service.

Religious Values.

Faith and Practice.

Prayer, Worship (Meditation), and Ritualism.

Mysticism, Mystical Experience and its Validity.

Books Recommended for Study

1. Masih, Y.—Introduction to Religious Philosophy.
2. Macdonell, A. A.—Lectures on Comparative Religion.
3. Besant, A.—Seven Great Religions.
4. Nigosian, S. S.—World Religions.
5. Sikhism.
6. Hinduism
7. Christianity
8. Islam

} —Punjabi University.

18. Indian Epistemology'. (Under Papers VII-VIII)

What is knowledge ? (Consciousness/Cognition).

How knowledge arises ? (Knowing Process).

Self and Consciousness.

Sources of Knowledge (Pramanas).

Pratyaksha,

Anumana,

Upamana,

Arthapatti,

Anupalabdhi,

Shabda.

Theories of Meaning and Definition.

Theories of Validity of Knowledge (Criterion and Test of Truth).

Theories of Error (Khyativada).

Limits of Knowledge. (Knowledge *vs.* Sakshatkara/Aparokshanubhuti/
Samadhi).

Problem of Omniscience.

Problem of Identity and Difference.

Relations : Inherence and Conjunction.

Problem of Universals and Particulars.

Knowledge of one's Self and Other Selves.

Knowledge of God.

Books Recommended for Study

1. Prasad, J.—History of Indian Epistemology.
2. Smart, N.—Doctrines and Arguments in Indian Philosophy.
3. Potter, Karl H.—Presupposition of India's Philosophy.
4. Sinha, J. N.—Indian Epistemology of Perception.
5. Bijayanaadkar—Theories of Errors in Indian Philosophy : An Analytical Study.
6. Dravid, R. R.—The Problem of Universals in Indian Philosophy.
7. Chatterjee, S. G.—Nyaya-Vaisheshika Theory of Knowledge.
8. Banerjee, N. B.—Spirit of Indian Philosophy.

19. Shaivism, Shaktism and Tantra (Under Papers VII-VIII)

1. Pashupat Shaivism and Kashmira Shaivism.
2. Shaiva Siddhant (Southern School of Shaivism).
3. Pratyabhijna School of Saivism.
4. Shaiva-Vishishtadvaita of Shrikantha.
5. Veera (Lingayat) Shaivism.
6. Shakti-Sadhana (The Cult of Divine Power).
7. Tantra : A General Study.

Books Recommended for Study

1. Dasgupta, S. N.—A History of Indian Philosophy, Volume V.
2. Sinha, J. N.—Schools of Shaivism.
3. Sinha, J. N.—The Cult of Divine Power.
4. Basu, M.—Tantras (A General Study).
5. Sivaraman, K.—Saivism in Philosophical Perspective.

Psychology

The schemes of papers in Psychology at the M.A. degree examination will be revised from the academic year 1980-81, as shown below :—

There shall be eight papers—all the four Compulsory Papers under 'A Compulsory Papers' will be taught in Part I of the course and four optional papers mentioned under any one of the four optional Groups. viz. A, B, C, and D Groups will be taught in Part II of the course and four optional, each of 3 hours' duration carrying 100 marks.

A. Compulsory papers

Paper I—*Systems and Theories of Psychology.*

Paper II—*Experimental and Physiological Psychology.*

Paper III—*Research Methods and Statistics in Psychology.*

Paper IV—*Experimental Psychology Practicals.*

B. Optional Papers

Four papers from any one of the following groups :

Optional Group A—Clinical Psychology

Paper V—*Psychopathology*

Paper VI—*Psychodiagnostics and Psychotherapy*

Paper VII—*Psychology of Delinquency and Crime*

Paper VIII—*Clinical Psychology Practicum or Dissertation.*

Optional Group B—Counselling Psychology

Paper V—*Developmental and Educational Psychology*

Paper VI—*Vocational Guidance*

Paper VII—*Psychological Counselling*

Paper VIII—*Counselling Psychology Practicum or Dissertation.*

Optional Group C—Industrial Psychology

Paper V—*Industrial and Organisational Psychology*

Paper VI—*Managerial and Personnel Psychology*

Paper VII—*Psychology of Consumer Behaviour*

Paper VIII—*Industrial Psychology Practicum or Dissertation.*

Optional Group D—Social Psychology

Paper V—*Social Influences of Behaviour*

Paper VI—*Psychology of Group Behaviour*

Paper VII—*Psychology of Social Development and Change*

Paper VIII—*Social Psychology Practicum or Dissertation.*

Part I

Paper I—*Systems and Theories of Psychology.*

Syllabus

1. Psychology as a science ; Philosophical problems of psychology ; Methodological problems of psychology.
2. Early history of psychology ; Associationism.

3. Structuralism.
4. Functionalism.
5. Behaviorism.
6. Gestalt psychology.
7. Psychoanalysis and related developments.
8. Existential and humanistic psychology.
9. Learning and stimulus—response theories.
10. Field and cognitive theories.
11. Theories of personality and social psychology.
12. Mathematical and Physiological formulations.

Books recommended for Study

1. Marx, M. H., and Willix, W. A.—*Systems and Theories in Psychology*, (2nd edition), New York : McGraw-Will, 1973.
2. Sahakian, W. S.—*History and Systems of Psychology*, New York : Schenkman, 1975.
3. Marx, M. H., and Goodson, F. E. (eds.)—*Theories in Contemporary Psychology*, (2nd edition), New York : Macmillan, 1976.
4. Woodworth, R. S., and Sheehan, M. R.—*Contemporary Schools of Psychology*, (2nd edition), New York : Ronald Press, 1964.
5. Boring, E. G.—*A History of Experimental Psychology*, (2nd edition), New York : Appleton—Century—Crofts, 1950.
6. Watson, R. I.—*The Great Psychologists*—(3rd edition), Philadelphia : Lippincott, 1971.

Books Recommended for Reference

1. Bergmann, G.—*Philosophy of Science*, Madison : University of Wisconsin Press, 1957.
2. Brown, S. C.—*Philosophy of Psychology*, New York : Barnes and Noble Books, 1974.
3. Feigl, H., and Maxwell, G. (eds.)—*Current Issues in the Philosophy of Science*, New York : Holt, Rinehart and Winston, 1961.
4. Frank, P. G. (ed.)—*The Validation of Scientific Theories*, Boston : Beacon Press, 1956.

5. Fraud, S.—*The Basic Writings of Sigmund Freud* (translated and edited by A. A. Brill), New York : Random House, 1939.
6. Hernstein, R. J. and Boring, E. G. (eds.)—*H Source Book in the History of Psychology*, Cambridge : Harvard University Press, 1965.
7. Hull, C. I.—*A Behaviour System*, New Haven : Yale University Press, 1952.
8. Koch, S. (ed.)—*Psychology : A Study of a Science*, (6 Volumes) New York : McGraw-Hill, 1958-1963.
9. Lindzey, G., Hall, C. S. and Manosetitz, M. (eds.)—*Theories of Personality : Primary Sources and Research*. (2nd edition), New York : Wiley, 1973.
10. Murchison, C. and Others (eds.)—*A History of Psychology in Autobiography*, (6 Volumes) (Different editors and publishers), 1930-1974.
11. Murphy, G.—*Historical Introduction to Modern Psychology*, New York: Harcourt, Brace and World, 1949.
12. Nagel, E.—*Methodology and Philosophy of Science*, Stanford : Stanford University Press, 1962.
13. Neel, A. F.—*Theories of Psychology : A Handbook*, Cambridge, Mass : Schenkman, 1970.
14. Skinner, B. F.—*Beyond Freedom and Dignity*, New York : Knopf, 1971.
15. Turner, M.—*Philosophy and the Science of Behaviour*, New York : Appleton-Century-Crofts, 1967.
16. Wann, T. W. (ed.)—*Behaviorism and Phenomenology*, Chicago : University of Chicago Press, 1964.
17. Watson, J. B.—*Behaviorism*, (Revised ed.), Chicago : University of Chicago Press, 1930.
18. Wertheimer, M.—*Fundamental Issues in Psychology*, New York : Holt, Rinehart and Winston, 1972.

Paper II—*Experimental and Physiological Psychology*

Section I

Experimental Psychology

1. Reaction Time, Association and Attention ; properties and measures of verbal materials.
2. Perception I. Colour and shape. Perception II. Space and movement.

3. Learning : definition, paradigms ; general concepts ; conditioning and extinction, Primary and Secondary Reinforcement ; Aversive behaviour ; discriminative control of behaviour ; learning theories.
4. Motivation—criteria of motivational variables ; sources of drives.
5. Theoretical and experimental approaches to human learning.
6. Transfer, interference and forgetting.

Section II

Physiological Psychology

1. Nature, problems, scope and techniques of research in physiological psychology.
2. Basic mechanisms of neural functions ; neuroanatomy ; the structural basis of behaviour and awareness ; electrical and chemical basis ; development and divisions of nervous system and their functions ; theories.
3. Peripheral and central motor mechanisms ; motor control and integrations ; sensory processes and sensory-motor integration.
4. Motivation and emotion.
5. Sleep, dreaming, arousal and attention ; complex processes.
6. Physiological mechanisms in learning and memory ; genetic and neurochemical aspects.

Books Recommended for Study

1. Woodworth, R. S. and Schlosberg, H.—*Experimental Psychology*, 2nd edition, London, Methuen, 1954.
2. Kling, J. W. and Riggs, L. A. (Eds.)—*Woodworth and Schlosberg's Experimental Psychology*, 3rd edition, London, Methuen, 1971.
3. Thompson, R. F.—*Introduction to Physiological Psychology*, New York : Harper, 1975.

Books Recommended for Reference

1. D'Amato, M. R.—*Experimental Psychology*, New York : McGraw-Hill, 1970.
2. Calfee, R. G.—*Human Experimental Psychology*, New York, Holt, 1975.
3. Crossman, S. P.—*Physiological Psychology*, New York, McGraw-Hill, 1968.

4. Hilgard, E. R.—*Divided Consciousness*, New York, John Wiley, 1977.
5. Milner, M.—*Physiological Psychology*, New York, Holt, Rinehart and Winston, 1970.
6. Lindsay, P. H. and Newman, D. A.—*Human Information Processing*, Academic Press, 1977.
7. Ornstein, R. E.—*The Psychology of Consciousness*, 2nd edition, New York, Harcourt, 1977.
8. Sheridan, C. L.—*Fundamentals of Experimental Psychology*, 2nd edition, New York, Kolt, Rinehart, 1972.
9. Schwartz Marvin—*Physiological Psychology*, 2nd edition, New York, Prentice Hall, 1978.

Paper III—*Research Methods and Statistics in Psychology.*

Section I

Research Methods

1. Formulating problems for reasearch ; Designing of research studies.
2. Settings and strategies for research ; Experimentation in psychology ; Non-experimental methods of research ; The ethics of psychological research.
3. Sampling ; Observing and recording of behaviour ; Manipulation and control or variables.
4. Conducting the study ; Analysis and interpretation of results.
5. Psychological measurement ; Scaling models ; Random errors of measurement.
6. Reliability, validity, and generalizability ; Test construction ; Factor analysis.

Books Recommended for Study

1. Underwood, B. J. and Shaughnessy, J. J.—*Experimentation in Psychology*, New York : Wiley, 1975.
2. Runkel, P. J., and McGrath, J. E.—*Research on Human Behaviour : A Systematic Guide to Method*, New York : Holt, Rinehart and Winston, 1972.
3. Nunnally, J. C.—*Psychometric Theory*, New York : McGraw Hill, 1967.
4. Anastasi, A.—*Psychological Testing*, 4th edition, New York : Macmillan, 1976.

Books Recommended for Reference

1. Bachrach, A. J.—*Psychological Research : An Introduction* (3rd ed.)
New York : Random, 1972.
2. Barber, T. X.—*Pitfalls in Human Research : Ten Pivotal points*, New
York : Pargamon, 1976.
3. Borkowski, J. G. and Anderson, D. C.—*Experimental Psychology :
Tactics of Behavioural Research*, Glenview, Illinois Scott, Foresman,
1977.
4. Campbell, D. T., and Stanley, J. C.—*Experimental and Quasi-experi-
mental Designs for Research*, Chicago : Rand McNally, 1966.
5. Christensen, L.—*Experimental Methodology* : Hoston : Allyn and
Bacon, 1977.
6. Drew, C. J.—*Introduction to Designing Research and Evaluation*. St.
Louis, Mo. : Mosly 1976.
7. Guilford, J. P.—*Psychometric Methods* (2nd ed.), New York : McGraw-
Hill, 1954.
8. Kerlinger, F. N.—*Foundation of Behavioural Research* (2nd ed.) New
York : Holt, Rinehart and Winston, 1973.
9. Meyers, L. S., Grossen, N. E.—*Behavioural Research: Theory, Procedure,
and Design*. San Francisco : Freeman, 1974.
10. Neale, J. M., and Liebert, R. M.—*Science and Behaviour: An Introduc-
tion to Methods of Research*. Englewood Cliffs, N. J. : Prentice-Hall,
1973.
11. Plutchik, R.—*Foundations of Experimental Research* (2nd ed.), New
York : Harper and Row, 1974.
12. Rosenthal, R.—*Experiment Effects in Behavioural Research*, (2nd ed.),
New York : Irvington, 1976.
13. Rosenthal, R., and Rosnow, R. I.—*Primer of Methods for the
Behavioural Sciences*, New York : Wiley, 1975.
14. Silverman, I.—*The Human Subjects in the Psychological Laboratory*,
New York : Pergmanon, 1976.
15. Webb, E. J., Campbell, D. T.—Schwartz, R. D., and Sechrest, L.—
Unobtrusive Measures : Nonreactive Research in the Social Science,
Chicago : Rand McNally, 1966.
16. Wood, G.—*Fundamentals of Psychological Research*, Boston, Mass :
Little, Brown and Company, 1974.

*Section II***Statistics**

1. Probability ; Binominal distribution ; Normal distribution.
2. Testing of hypotheses : The *T* test for difference between means (uncorrelated and correlated) ; The *F* test for difference between variances.
3. Analysis of variance : One-way classification ; Two-way classification.
4. Linear regression.
5. Product-moment correlation ; Rank-difference correlation.
6. *U*- test ; Point biserial coefficient ; Biserial coefficient ; Phi coefficient ; Tetrachoric coefficient.

Books Recommended for Study

1. Guilford, J. P. and Fruchter, B.—*Fundamental Statistics in Psychology and Education*, (5th ed.) Tokyo : McGraw Hill Kogakusha, 1973.
2. Edwards, A. L.—*Statistical Methods*, (3rd ed.), New York : Holt, Rinehart and Winston, 1973.

Books Recommended for Reference

1. Bhattacharya, G. K., and Johnson, R. A.—*Statistical Concepts and Methods*, New York : Wiley, 1977.
2. Cochran, W. G. and Cox, G. M.—*Experimental Designs*, (2nd ed.), New York : Wiley, 1957.
3. Edwards, A. L.—*Experimental Design in Psychological Research*, (4th ed.), New York : Holt, Rinehart and Winston, 1972.
4. Edwards, A. L.—*An Introduction to Linear Regression and Correlation*, San Francisco : Freeman, 1976.
5. Hays, W. L.—*Statistics for the Social Sciences*, (2nd ed.), New York : Holt, Rinehart and Winston, 1973.
6. Keppel, G.—*Design and Analysis : A Researcher's Handbook* Englewood Cliffs, New Jersey : Prentice—Hall, 1973.
7. Lindman, H. R.—*Analysis of Variance in Complex Experimental Designs* San Francisco : Freeman, 1974.
8. Lindquist, E. F.—*Design and Analysis of Experiments in Psychology and Education*, Boston : Houghton Mifflin, 1953.

9. Scheffe, H.—*The Analysis of Variance*, New York : Wiley, 1959.
10. Winer, B. J.—*Statistical Principles in Experimental Design* (2nd ed.), New York : McGraw—Hill, 1971.

Paper IV—*Experimental Psychology (Practicals)*

1. To investigate mediated generalization of an operant response to verbal stimuli (Handbook No. 2).
2. Collateral control of discrimination verbal behaviour (Handbook 3).
3. Visual depth perception (Handbook 4).
4. Human verbal learning (Handbook 6).
5. Human operant conditioning (Handbook 7).
6. RT as a function of duration of the foreperiod (Handbook 10).
7. Short term memory (Handbook 14).
8. Mechanization in problem solving (Handbook 15).
9. Task complexity in concept identification (Handbook 16).
10. Motivation : the achievement motive (Handbook 17).
11. Binary prediction as a function of reinforcement schedule (Handbook 19).
12. Sensory process : Kinesthesia and adaptation level (Handbook 20)
13. Reproduction of time intervals (Handbook 23).
14. Level of aspiration (Handbook 24).
15. Visual brightness discrimination (Handbook 30).
16. Perceptual motor learning : pursuitrotor.
17. RT and Tension.
18. RT under low and high stimulus illumination.
19. 'Fear' conditioning.
20. Conditioning finger withdrawal and GSR.
21. Visual thresholds of classes of words.
22. Signal detection and noise.
23. Identification of conjunctive and disjunctive concepts.
24. Instrumental conditioning.
25. GSR and reaction time responses to words (lie detection experiment)

26. The influence of set upon perception.
27. Choice strategies in concept formation.
28. Vigilance.
29. Social facilitation.
30. Pattern recognition.

- (*N.B.* : 1. The candidates must complete Paper VII Laboratory Journal, consisting of their reports on 20 experiments conducted by them from the above list, during *M.A.* Part I year and submit the same for the Practical Examination.
2. *Distribution of Marks* : Conduct—70% marks, Viva—20% marks
Journal—10% marks.)

Optional Group 'A'

Clinical Psychology

Paper V—Psychopathology

1. *The problem of normality and abnormality* : Earlier views ; Forerunners of psychopathology ; Freud and notions of abnormality and mental health ; A formulation of abnormal behaviour on the basis of operant conditioning principles ; Classification of mental disorders.
2. *Historical Introduction to Abnormal Behaviour* : Earlier views ; Forerunners of psychopathology ; Freud and psychoanalysis ; Conceptual impact of Freud.
3. *Personality Development* : Stages in personality development, the Psychodynamic view ; Critical periods in personality development and their relation to psychopathology.
4. *The Psycho-dynamic Principles of Psychopathology* : Application of learning principles to psychopathology.
5. *Anxiety Reactions* : Varieties of anxiety, reactions ; Dynamic and developmental background of anxiety reactions ; Anxiety reactions in relation to other neuroses.
6. *Phobic Reactions* : Varieties of phobic reactions ; Dynamic and developmental background of phobic reactions ; The socio-psychological approach to phobic behaviour.
7. *Obsessive-Compulsive Reactions* : Dynamic and developmental background of obsessive-compulsive reactions ; The socio-psychological approach to obsessive-compulsive reactions.

8. *Conversion and Dissociative Reactions* : Varieties ; Psycho-dynamic and developmental background.
9. *Neurotic Depressive Reactions* : Clinical aspects ; Dynamic and developmental background ; The socio-psychological formulation of hysteria.
10. *The Psychosomatic Disorders* : Varieties ; Psychodynamic and developmental background ; Current definition of psycho-physiological disorders ; Theories of origin of psycho-physiological disorders.
11. *Personality Disorders* : Character disorders ; Psychopathic and sociopathic personalities ; Sexual deviations ; Addictions ; The psychodynamic point of view ; The behaviouristic view ; The behavioural formulation of transient, situational, personality disorders.
12. *Paranoid Reactions* : Varieties ; Psychodynamic and developmental background ; The different formulations of paranoia.
13. *Mania and Manic-Depressive Psychosis* : Clinical manifestations ; Dynamic and developmental background.
14. *Schizophrenic Reactions* : Varieties ; Symptoms ; Dynamic and developmental background ; The socio-psychological formulation of schizophrenic behaviour.
15. *Mental Retardation* : Physiological defects ; Cultural familial retardation.
16. *Brain Disorders* : Classification of brain syndromes ; Psychopathology in brain disorders ; Some specific organic diseases-Huntington's chorea, Pick's disease, Parkinsonism ; Assessment of brain damage, Senility ; Epilepsy.

Books Recommended for Study

1. Camaron, N.—*Personality Development and Psychopathology : A Dynamic Approach* : Boston : Houghton Mifflin, 1963.
2. Ullmann, L. P. and Krasner, L.—*A Psychological Approach to Abnormal Behaviour* : Englewood Cliffs, New Jersey : Prentice Hall, 1969.
3. Kagan, J.—*Personality Development* : New York : Harcourt Brace, Jovanivich, 1971.
4. Davis D. R.—*Introduction to Psychopathology* : (2nd ed.), New York : Oxford University Press, 1966.

Books Recommended for Reference

1. O'Kelly, I. and Muckler, F. A.—*Introduction to Psychopathology* : (2nd ed.) Englewood Cliffs, New Jersey : Prentice-Hall, 1958.
2. Stern, P. J.—*The Abnormal Person and His World : An Introduction to Psychopathology* : Princeton, New Jersey, : Van Nostrand, 1964.
3. Russel, D. D.—*An Introduction to Psychopathology* : London : Oxford University Press, 1957.
4. Eyeenck, H. J.—*Handbook of Abnormal Psychology* : London : Pitman Medical Publishing Co., 1960.
5. Mayer-Gross, W., Eliot, S. and Martin, R.—*Clinical Psychiatry* : London : Cassell, 1960.
6. Kimmcl, H. D. (ed.)—*Experimental Psychopathology : Recent Research and Theory* : New York, Academic Press, 1971.
7. Zax, *Patterns of Psychopathology* : Collier-Macmillan, International, 1964.
8. L'Abate, L.—*Principles of Clinical Psychology* : New York : Grune and Stratton, 1964.
9. Landis, C.—*Varieties of Psychopathological Experience* ; New York Holt, Rinehart and Winston, 1965.
10. Hammer, M.—*Psychopathology* ; New Delhi : Eastern Private, 1972. Hammer M. et al,—*Psychopathology*, John Wiley, 1973.
11. Millon, T.—*Modern Psychopathology* ; Philadelphia : W. B. Saunders, 1973.
12. Millon, T.—*Theories of Personality and Psychopathology* ; Philadelphia : W. B. Saunders, 1973.

Paper VI—*Psychodiagnostics and Psychotherapeutics**Section I—Psychodiagnostics—(50 Marks)*

1. The nature of psychological examining.
2. Problems of etiology and pathogenecity.
3. The nature of diagnosis.
4. Diagnostic classifications.
5. Life record methods—The indirect examination.
6. Behaviour ratings.

7. Introspective reporting and Self-ratings.
8. Problems in the validation of projective techniques.
9. **The Rorschach Test ; The Thematic Appreciation Tests ; The Word Association and Sentence Completion Tests ; The Bender Visual Motor Gestalt Tests ; The Rosenzweig Picture-Frustration Test ; The H.T.P. Technique ; The M.M.P.I. ; The E.P.I. and Interpretation of the Wechsler Bellevue Intelligence Scale in Personality Appraisal.**

Section II—Psychotherapeutics—(50 Marks)

1. Definition of Psychotherapy, Psychotherapy and Scientific method ; Relation of Psychotherapy to other Psychological theories ; Current status of Psychotherapy.
2. Psychoanalytic and related approaches to Psychotherapy (Freud, Adler and the Ego-analysis).
3. Learning theory approaches to Psychotherapy (Dollard and Miller, Wolpe).
4. Perceptual—Phenomenological approaches to Psychotherapy (Kelly's psychology of personal constructs ; Roger's client-centered therapy ; Gestalt theory).
5. Ellis's Rational—Emotive therapy.
6. Transactional Analysis.
7. Group therapy.
8. Marriage and Family therapy.

Books Recommended for Study

1. Anderson, H. H. and Anderson, G. L. (eds.)—*An Introduction to Projective Techniques and Other Devices of Understanding the Dynamics of Behaviour*. Englewood-Cliffs, New Jersey : Prentice-Hall, 1951.
2. Bell, J. E.—*Projective Techniques* (Revised Ed.), New York : Longmans Green & Co., 1957.
3. Bingham, W. V. D. and Moore, B. V.—*How to Interview* (4th Ed.), New York : Harper & Row, 1959.
4. Thorne, F. C.—*Principles of Psychological Examining*, Brandon, Vermont : Journal of Clinical Psychology, 1955.

5. Ford, H. and Urban H. B.—*Systems of Psychotherapy*, New York : Wiley, 1963.
6. DeWald, P.—*Psychotherapy : A Dynamic Approach*. New York, Basic Books, 1965.

Books Recommended for Reference

1. Abt, L. E. and Bellak, L. (Eds.)—*Projective Psychology*, New York : Knopf, 1950.
2. Buros, O. K. (Ed.)—*The Seventh Mental Measurement Yearbook, Two Volumes*, Highland Park, New Jersey : Gryphon, 1972.
3. Murstein, B. I. (Ed.)—*Handbook of Projective Techniques*, New York : Basic Books, 1965.
4. Kelly, G. A.—*The Psychology of Personal Constructs*, Two Volumes, New York : Norton, 1955.
5. Kadis, A. et al.—*A Practicum of Group Psychotherapy*, New York : Hoeber, 1963.
6. Ackerman, N. W.—*Treating the Troubled Family*, New York, Basic Books, 1966.
7. Eysenck, H. J.—A Review of the Rorschach.
Raymond, J. M.—A Review of the Rorschach.
(Both these articles in Buros, O. K. (Ed.)—*The Fifth Mental Measurement Yearbook*, 1959.
8. Matarazzo, J. D.—*The Interview*, In B. B. Wolman (Ed.)—*Handbook of Clinical Psychology*, New York : McGraw Hill, 1965.
9. Rosenham David and London Perry—*Theory and Research in Abnormal Psychology*, 2nd Ed. London ; Holt, Rinehart, 1975.
10. Patterson, C. H.—*Theories of Counselling and Psychotherapy*, (2nd ed.), New York : Harper & Row, 1973.
11. Berne, E.—*Transactional Analysis in Psychotherapy*, Bombay : India Book House.
12. Hanover, M.—*Differential Diagnosis*, In B. B. Wolman (Ed.)—*Handbook of Clinical Psychology*, New York, McGraw-Hill, 1965.
13. Click, D. and David R. Kesler—*Marital and Family Therapy*, Grunne and Stratton, 1974.
14. Wolberg, L. R.—*The Technique of Psychotherapy*, (Vols. I & II) (2nd ed.), New York : Grunne & Stratton, 1967.

Paper VII—*Psychology of Delinquency and Crime*

Section I—Psychology of Crime—(50 Marks)

1. Field of criminology.
2. Crime as a social problem.
3. Constitutional explanation of crime.
4. Psychological factors : Intelligence ; Motivation ; Emotional behaviour ; Learning ; Habit formation and criminal behaviour ; Mental deficiency and crime.
5. Social factors.
6. Economic factors.
7. Rural-urban variations in crime.
8. Crime in developing countries.
9. Criminality of women.
10. Kidnapping ; Prostitution ; Beggary ; Gambling ; Drug addiction ; Alcoholism ; Suicide ; Meecidivism ;
11. Punishment.
12. Methods to detect crime
13. Psychologist in correctional work.
14. Use of psychological tests in correctional procedure.
15. Prevention of crime.

Section II—Psychology of Delinquency—(50 Marks)

1. Changing concepts of juvenile delinquency.
2. Etiology.
3. Psychological factors.
4. Social factors.
5. Economic factors.
6. Juvenile court.
7. Remand/observation homes.
8. Juvenile probation.
9. Certified /approved schools.
10. Prevention and control of delinquency.

Books Recommended for Study

1. Sutherland, E. H. and Cressey, D. R.—*Principles of Criminology*, (6th edition), Bombay : The Times of India Press.
2. Lewis, D. O.—*Delinquency and Psychopathology*, Bombay : India Book House.

Books and Journals Recommended for Reference

1. Martin, J. J.—*Juvenile Vandalism ; A Study of Its Nature and Prevention*. Springfield, Illinois. Charles Thomas, 1961.
2. Bacon, M. K., Child, I. L., and Barry, H.—*A Cross-cultural Study of Correlates of Crime*, *J. Abnom. Soc. Psychol.* 1963, 66, 291—300.

Paper VIII—Clinical Psychology Practicum

(Note :—Each candidate will complete the Paper VII Practicum. File and submit the same for Practical Examination.)

(A) Clinical Psychology

Each candidate will examine at least six cases of mental diseases and write full report of three cases in the Paper VIII—Practicum File. The report must be based on the use of at least the following techniques :—

- (i) Diagnostic interview ;
- (ii) Rorschach ;
- (iii) T.A.T. and C.A.T. ;
- (iv) Bender Gestalt.

In addition, the students should be familiar with administration, scoring and interpretation of (1) H.T.P., (2) S.C.T., M.M.P.I., (4) W.A.I.S., W.I.S.C. or equivalent tests standardised under Indian conditions.

They should have acquaintance with (i) M.A.S., (ii) 16 P.F. (iii) E.P.I., (iv) original version of W.A.I.S., and W.I.S.C.

They should visit two institutions doing work in the area of crime, delinquency, mental retardation, rehabilitation of handicapped etc., and write reports of their visits in the Practicum file.

(Distribution of Marks : 40% for test-administration, 40% for viva and 20% for File).

Or

(B) Dissertation

A candidate will conduct an original and independent investigation of any area in Clinical Psychology and submit a full report on the same.

*Optional Group B—Counselling Psychology**Paper V—Developmental and Educational Psychology**Section I***Developmental Psychology**

1. *The Beginnings of Life* : Conception and prenatal development ; The influence of heredity.
2. *Early Childhood*—Post-natal life and infancy ; Physiological and Psychological development in babyhood ; Adjustment and skills of early childhood.
3. *Late Childhood* —Intellectual development ; Emotional development ; Social adjustment ; Personality changes in late childhood.
4. *Puberty and Adolescence*—Physiological and psychological changes in puberty ; Adolescent interest and personality development.
5. *Youth and Early Adulthood*—Social interests ; Love, marriage, and sex ; vocational interests.
6. *Middle Age and Old Age*—Family, social and vocational adjustments in middle age ; Physiological and psychological problems of retirement and old age.

Books Recommended for Study

1. Hurlock, Elizabeth B.—*Developmental Psychology* (4th ed.), New York : York : MacGraw-Hill, 1975.
2. Lerner, Richard M.—*Concepts and Theories of Human Development*, Reading, Mass. : Addison-Wesley, 1976.
3. Liebert, Robert M. and Others—*Developmental Psychology*, (2nd ed.), Englewood Cliffs, N. J. : Prentice-Hall, 1977.
4. Nash, John—*Developmental Psychology : A Psychological Approach*, Englewood Cliffs, N.J. : Prentice-Hall, 1970.

Books Recommended for Reference

1. *Advances in Child Development and Behaviour*, (11 Volumes), New York : Academic Press, 1963-1976.
2. Ausubel, David, P. and Sullivan, Edward—*Theory and Practice of Child Development*, (2nd ed.), New York : Grune and Stratton, 1970.
3. Bee, Helen—*The Developing Child*, New York : Harper & Row, 1975.
4. Bicchler, Robert E.—*Child Development—An Introduction*, Boston : Houghton Mifflin, 1976.
5. Braga, Lawric, and Braga, Joseph—*Learning and Growing : A Guide to Child Development*, Englewood Cliffs, N. J. : Prentice-Hall, 1975.
6. Busse, Thomas, V.—*Activities in Child and Adolescent Development*, New York : Harper & Row, 1974.
7. Cohen, Stewart—*Social and Personality Development in Childhood*, New York : Macmillan, 1976.
8. Conger, John Janeway—*Adolescence and Youth : Psychological Development in a Changing World*, (2nd ed.), New York : Harper & Row, 1977.
9. Endler, N. S., Boulter, Lawrence R., and Osser, Harry (Eds.)—*Contemporary Issues in Developmental Psychology*, (2nd ed.) New York : Holt, Rinehart and Winston, 1976.
10. Flavell, John H.—*The Developmental Psychology of Jean Piaget*—Princeton—D. Van Nostrad, 1963.
11. Flavell, John H.—*Cognitive Development*, Englewood, Cliffs, N. J., Prentice-Hall, 1977.
12. Herbert, Martin—*Emotional Problems of Development in Children*, London : Academic Press, 1974.
13. Hurlock, Elizabeth, B.—*Adolescent Development*, New York : McGraw Hill, 1973.
14. Isaacson Robert L. (Ed.)—*Neuropsychology of Development : A Symposium*, New York, : Wiley, 1968.
15. Kagan, Jerom—*Understanding Children, Behaviour, Motives and Thought*, New York : Harcourt, Brace, Jovanovich, 1971.
16. Langer, Jonas—*Theories of Development*, New York : Holt, Rinehart and Winston. 1969.
17. Monks, F. J., Hartup, Willard W., and De-Wit, Jan (Eds.)—*Determinants of Behavioural Development*, New York : Academic Press, 1972.

18. Nesselroade, John R., and Reese, Hayne, W. (Eds.)—*Life-span Developmental Psychology: Methodological Issues*, New York: Academic Press, 1973.
19. Rebelsky, Freda, and Dorman, Lynn (Eds.)—*Child Development and Behaviour*, (2nd ed.), New York: Knopf, 1974.
20. Schmidt, W. N. O.—*Child Development: The Human Cultural and Educational Context*, New York: Harper and Row, 1973.

Section II

Educational Psychology

1. Instruction Models and Objectives; Readiness to Learn and Intelligence.
2. Motivation and Learning; Interests, Incentives, and Expectations in Relation to Education.
3. Learning, Memory and Performance; Contiguity and Reinforcement; Classical and Instrumental Conditioning; Retention and Forgetting.
4. Teaching and Learning of Skills; Verbal Learning; Learning of Concepts and Principles; Problem Solving; Creativity and Discovery Learning.
5. Assessment of Educational Achievement; Construction and Use of Tests; Reliability and Validity of Examinations; Problems of Assessment.
6. Research and Innovation in Education; Programmed Learning; Educational Technology; Education of Gifted Children; Education of Disadvantaged Children.

Books Recommended for Study

1. Graig Robert C. and Others—*Contemporary Educational Psychology: Concepts, Issues, Applications*, New York, : Wiley, 1975.
2. Good, Thomas, I. and Brophy, Jere E.—*Educational Psychology: A Realistic Approach*, New York: Hold, Rinehart and Winston, 1977.
3. Goodwin, William L. and Klausmeir, Herbert J.—*Facilitating Student Learning: An Introduction to Educational Psychology*, New York: Harper and Row, 1975.
4. Sprinthall, Richard C. and Sprinthall, Norman A.—*Educational Psychology: A Development Approach*, Reading Mass: Addison-Wesley, 1974.

Books Recommended for Reference

1. Wall, W. D. M. K. Pringle and V. P. Varnum.—*Advances in Educational Psychology*, (2 volumes), London : University of London Press, 1972, 1974.
2. Anderson, Richard C. and Farust, Gerald W.—*Educational Psychology : The Science of Instruction and Learning*, New York : Harper & Row, 1973.
3. Bardon, Jack I., and Bennett, Virginia C.—*School Psychology*, Englewood Cliffs, N. J. : Prentice-Hall, 1974.
4. Blair, G. M. and Others—*Educational Psychology*, (4th ed.). New York: Macmillan, 1975.
5. Chazan, Maurice and Others—*Practice of Educational Psychology*, London : Longman, 1974.
6. Coop, Richard H., and White Kinnard—*Psychological Concepts in the Classroom*, New York : Harper & Row, 1974.
7. Cronbach, Lee J.—*Educational Psychology*, (2nd ed.), London : Rupert Hart-Davis, 1971.
8. Galloway, Charles,—*Psychology for Learning and Teaching*, New York : McGraw-Hill, 1976.

Paper VI—*Vocational Guidance*

1. Philosophy, basic concepts, need, background, status and future of guidance ; Adjustive, adaptive and distributive functions of guidance.
2. *Social Background Factors and Vocational Guidance* : (1) Nature of man in democratic and other systems, (2) Urban culture and its influence on personality, (3) Technological revolution, (4) Educational or school system and its relation to guidance, (5) Family and its issues and dilemmas, (6) Peer group—self and identity, and (7) School change and guidance.
3. *Guidance Services* : Information system ; Testing appraisal ; Institutional services ; Placement and follow-up ; Guidance for common problems ; Student-contact services ; Staff-contact services ; Placement and follow-up ; Individual counselling and group guidance ; research and evaluation.
4. *Relationship of Teaching and Counselling* : Roles and function of teachers and counsellors ; Roles and functions of administrators ; Parent consultation ; Programme development and community.

5. *Guidance Activities in Different Institutions* : Guidance in elementary middle and secondary schools, and in colleges and Universities ; Guidance resources and relations ; Facilities for guidance.
6. *Individual and Group Procedures in Counselling* : Family and parental parental counselling ; Vocational behaviour of Counsellor.
7. Job-analysis and job-satisfaction.
8. Current Issues in Guidance.
9. Research and Evaluation in Guidance.
10. New directions and issues in guidance; Evaluation of guidance programmes.
11. Theory of Vocational Development ; Vocational counselling.
12. *Occupational Information* : Various sources and techniques of collection and dissemination of occupational information. Job descriptions and national classification of occupations. Job opportunities, Job satisfaction.
13. Career patterns and trends in employment and un-employment ; The working of the Directorate of Employment and Vocational Guidance Bureau and youth employment service.

Books Recommended for Study

1. Kowlitz, G. T. and Kowlitz, H. G.—*An Introduction of Vocational Guidance*, Rinehart, 1971.
2. Shertzer, B.E.—*Fundamentals of Guidance*, (3rd ed.), Houghton, 1976.

Books Recommended for Reference

1. Traxler, A. S. and North, R. D.—*Techniques of Guidance*, Harper, (2nd ed.), 1966.
2. Bernard, H. W. and Fullmer, D. W.—*Principles of Guidance, A Basic Text*, International text-books and Allied Publisher, 1969, 1971.
3. MacDaniel, B. (with Shaftel, G. A.)—*Guidance in the Modern School*, New York : Holt, Rinehart and Winston, 1956.
4. Herr, E. L. and Cramer, S. H.—*Guidance of the College Bound : Problems, Practices, Perspectives*, New York : Appleton-Century-Crofts, 1968.
5. Hutson, W.—*The Guidance Function in Education*, (2nd ed.), New York : Appleton-Century-Crofts, 1968.

6. Hill, E.—*Management and Improvement of Guidance*, New York : Appleton-Century-Crofts, 1965.
7. Hill, G. E. and Luckey, E. G.—*Guidance for Children in Elementary Schools*, New York : Appleton-Century-Crofts, 1969.
8. McDaniel, H. B., Lallas, J. E., Saum, J. A. and Gilmore, J. L.—*Readings in Guidance*, New York : Holt, Rinehart and Winston, 1969.
9. Zytowski, D. G.—*Vocational Behaviour : Readings in Theory and Research*, New York : Holt, Rinehart and Winston, 1968.
10. Kowitz, G. T. and Kowitz, N. C.—*Operating Guidance Services for the the Modern School*, New York : Holt, Rinehart and Winston, 1968.
11. Super, D. E. and Bohm, M. J. (Jr.)—*Occupational Psychology*, London, Tavistock, Wordsworth, Publishing Co., 1970, 1971.
12. Langford, L. M. and Land, H. Y.—*Guidance of the Young Child*, (2nd ed.), New York, Wiley, 1975.
13. Herr, E. L.—*Vocational Guidance and Career Development in the Schools*, N. Y. Houghton, Mifflin, 1972.
14. Herr, E. L.—*Vocational Guidance and Human Development*, Houghton, 1974.
15. Jayaswal Sitaram—*Guidance and Counselling*, Prakashan Kendra, Lucknow.
16. Kochhar, S. K.—*Guidance of Indian Education*, New Delhi, Sterling Publishers Pvt. Ltd., 1979.

Paper VII—*Psychological Counselling*

1. *Counselling Past and Present* : What is counselling ? Counselling as helping relationship ; Helping professions in general ; Distinction between counselling and other helping professions.
2. *Developmental Characteristics and Concerns of the Counselee* : Stages of the identity crisis ; Concerns of elementary school children ; Concerns of high school students ; Concerns of college students ; Special youth problems.
3. Expectations and Goals of Counselling.
4. *Counsellor and Counselees Characteristics* : Techniques and criteria for studying characteristics ; Characteristic of counsellor ; Distinction between effective and ineffective counsellors ; Characteristics of counselee ; Present conceptions of counsellor-role functions.

5. *Counselling Approaches* : Trait-factor ; eclectic ; behaviourist ; Gestalt ; Analytic ; transactional, client-centred.
6. *Reality Counselling Content, Process and Practices* : External conditions and counsellor attitudes influencing counselling ; The counselling relationship.
7. *Counselling Techniques and Practices* : Structuring the counselling relationship ; Degree of lead by counsellor ; Reflection of feeling ; Reassurance ; Interpretation ; Techniques facilitating acceptance ; Things to look for in counselling ; Non-verbal behaviour ; Diagnosis ; Use to tests ; Non-text aids to counselling ; Referral practices.
8. *Group Counselling* : Definition, terminology and classification employed in group counselling ; Recent research findings ; Operational practices in group counselling ; Values and limitations of group counselling.
9. Child counselling.
10. Organizational development and consultation in schools.

Books Recommended for Study

1. Blackhan, G. T.—*Counselling Theory, Process and Practice*, Wardsworth Publishing Co., Belmont, Calif, 1977.
2. Shertzer, B. and Stone, S. C.—*Fundamentals of Counselling* (2nd ed.) Boston : Houghton Mifflin, 1974.
3. Einslerberg S. and Delancy, D. J.—*The Counselling Process*, 2nd edition, Chicago, Sand and McHally, 1977.

Books Recommended for Reference

1. Patterson, C. H.—*Theories of Counselling and Psychotherapy*, (2nd ed.) New York : Harper, 1973.
2. Berrsson, B. G. and Caekhuff, R. R.—*Sources of Gain in Counselling and Psychotherapy*, New York : Holt, Rinehart and Winston, 1969.
3. Bordin, E. S.—*Psychological Counselling*, (2nd ed.), New York : Appleton-Century-Crofts, 1968.
4. Osipow, S. H. A. and Walsh, W.—*Behaviour Change in Counselling : Readings and Cases*, New York : Century Psychology Series, 1970.
5. Rogers, C. R.—*Client-Centered Therapy*, Boston : Houghton, Mifflin, 1957.
6. Rogers, C. R.—*On Becoming a Person*, Boston : Houghton Mifflin, 1961.

7. Patterson, C. H.—*Counselling the Emotionally Handicapped*, New York, Harper, 1958.
8. Fuster, J. M.—*Psychological Counselling in India*, Bombay : Macmillan, 1964.
9. Milner, Patricia—*Counselling in Education*, London, J. M. Dent and Sons, 1974.
10. Newsborne, A. B., Throne, B. J. and Keith L. Wyld—*Student Counselling in Practice*, London, University of London, Press, 1978.
11. Poppan, W. A. and Thompson, C. L.—*School Counselling, Theories and Concepts*, Lincoln, Nebraska, Professional Educations Publishers, Inc. 1974.

Paper VIII—*Counselling Psychology Practicum Or Dissertation*

(N.B. : The candidates will maintain a Paper VIII Practicum File, based on the following practical and field work and submit the same at practical examination.)

Any one of the three :—

1. Vocational Counselling.
2. Educational Counselling for the Special Child.
3. Counselling for Personal Growth.

The following are the details for each option :—

1. *Vocational Counselling* :
 - Vocational Guidance to be given to 10 students after conducting a *Group Testing Programme* with them. The tests included in this programme will be the usual ones—Intelligence, Aptitude, Interest and Personality Tests.
 - Case History to be taken of 5 students. Part of this programme would be the administration of *Individual Tests* WISC, CAT, TAT, Progressive Matrices, EPPS, OTIS etc.
 - Group Guidance Programmes—Talks on Occupational Information, Vocational Problems of Adolescents etc.
2. *Educational Counselling for the Special Child* : This area includes work with the physically handicapped, emotionally deprived, culturally disadvantaged, mentally retarded child who needs special education and also special handling.
 - Case History to be taken of 10 children making use of *individual tests*—WISC, Matrices, CAT etc.

- Counselling sessions to be held with 5 children.
- Acquaintance with Group Guidance Programmes—e.g. teaching special skills, play therapy, occupational therapy.

3. *Counselling for Personal Growth :*

- Case History to be taken of 5 individuals making use of *individual Tests*.
- Vocational Guidance to be given to 5 individuals after having conducted a *Group Testing Programme* with them.
- Counselling sessions to be held with 5 individuals.
- Acquaintance with Group Guidance Programmes will include Sex Education Programmes, group counselling, talks on personality development etc.

Field Visits

Students are required to attend the field visits arranged to different agencies and institutions so as to be able to choose their area of field work. These field visits will Preferably be arranged during M.A. Part I. So also the tests will be studied during this year so as to be fully equipped with the preliminaries before starting the field work in M.A. Part II. The second year is meant to gain an intensive experience in the field work of his choice.

(Distribution of marks : 40% for Test administration ;
40% for Viva and
20% for File.)

Or

Dissertation

The student will conduct an independent and original investigation in any area of Counselling Psychology and write a formal report on the same.

Optional Group C

Industrial Psychology

Paper V—*Industrial and Organizational Psychology*

Section I

1. Theoretical and methodological foundations of industrial psychology.
2. *Psychology and organisation* : Behaviour in organisations, environments and behaviour.

3. *Individuals and organisations, and their interactions* : The organizational complex ; group behaviour and individual adjustment ; special special groups in organizations ; organisational climates.
4. *Motivating and supervising employees* : Motivation and management ; job attitudes and job satisfaction ; leadership and supervision ; attitudes and opinions, employee-management relationships ; financial incentives and job evaluation.
5. *Organizational development* : Improving organizational effectiveness ; planned organisational change.

Section II

6. Work and influences on work behaviour—structural and organizational factors.
7. Human factors engineering.
8. Human aspects of systems.
9. Accidents and Human errors.
10. Training in industry.
11. Introduction to personnel selection and evaluation of employees.
12. Introduction to Consumer Psychology.

Books Recommended for Study

1. Gilmer B. Von Haller and Deci P. L.—*Industrial and Organizational Psychology*, 4e, New York, McGraw-Hill, 1977.
2. McCormik E. L. and Tiffin, J.—*Industrial Psychology*, 6th edition, London, George Allen, 1975.
3. Porter, L. W., Lawler III, E. E. Hackman, J. R., *Behaviour in Organisations*, New York : McGraw-Hill, 1975.
4. Siegel, L. and Lane, I. M.—*Psychology in Industrial Organisations*, Illinois and London, Richard, D. Irwin Irwin-Dosey International, 1975.

Books Recommended for Reference

1. Blum, M. L. and Naylor, J. C.—*Industrial Psychology : Theoretical and Social Foundations*, New York, Harper and Row, 1968.
2. Burke, W. W. (ed),—*New Technologies in Organizational Development*, La Jotta, California, University Associates Inc., 1975.

3. Deci, E. L., Gilmer B., Von Haller and Karn, D. W.—*Readings in Industrial and Organizational Psychology*, New York, McGraw-Hill, 1972.
4. Korman, A. K.—*Organizational Behaviour*, Englewood Cliffs, Prentice-Hall, 1977.
5. Luthans, Fred—*Organisational Behaviour*, New York, McGraw-Hill, 1977.
6. Reitz, H. J.—*Behaviour in Organisations*, Homewood, Illinois, Richard D. Irwin, 1977.
7. Stress, R. M. and Porter, L. W.—*Motivation and Work Behaviour*, New York, McGraw-Hill, 1975.
8. Wicland, G. E.—*Organisations : Behaviour, Design and Change*, Home Wood, Illinois, Richard D. Irwin, 1976.
9. Wexley, K. N. and Yukl, G. A.—*Organisational Behaviour and Industrial Psychology, Readings with Commentary*, New York, Oxford University Press, 1975.
10. Dunette, H. D.—*Handbook of Industrial and Organizational Psychology*, Chicago, Hand and McNally, 1976.
11. Coffey, R. E. and Athos, A. G. and Reynolds, P. A.—*Behaviour in Organizations*, 2nd edition, Prentice Hall, 1975.
12. Harris, C. J. (Jr.) *Managing People at Work*, New York, Wiley, 1976.
13. Schein, E. H.—*Organizational Psychology*, 2nd edition, Prentice Hall, 1976.

Paper VI—*Managerial and Personnel Psychology*

1. Nature of Managerial Psychology ; nature of personnel psychology and the industrial organisation.
2. Constraints on personnel decisions ; individual and cultural differences.
3. Establishing role prescriptions.
4. Management appraisal.
5. Employee evaluation.
6. Selection : Validation and non-validation techniques.
7. Selection : psychological testing.
8. Management development.

9. Industrial clinical psychology.
10. Internal communications.
11. Personnel Psychology and Labour economics.
12. The input-output model for human resources utilisation.

Books Recommended for Study

1. Leuvitt, H. J.—*Managerial Psychology*, 3e, Chicago, Chicago University Press, 1972.
2. Miner, J. B.—*Personnel Psychology*, Toronto, Collier, MacMillan, 1969.
3. Wexley, K. N. and Yukl, Gory, A.—*Organizational Behaviour and Personnel Psychology*, Homewood, Illinois, Richard D. Irwin, 1977.

Books Recommended for Reference

1. Bass, B. M. and Vanghan, M. A.—*Training in Industry*, Belmont.
2. Miner, J. B.—*Studies in Management Education*, California, Wadsworth, 1969, New York : Springer, 1965.
3. Yoder, D.—*Personnel Management and Industrial Relations*, Delhi, Prentice Hall, 1972.

Paper VII —*Psychology of Consumer Behaviour*

1. *Introduction to Consumer Psychology* : The role of consumer in marketing, the field of consumer behaviour ; the decision process approach; consumer behaviour and society ; consumer behaviour and management ; the consumer perspectives and overview points ; an overview of consumer decision process behaviour.
2. *Groups influence on consumer behaviour* : The cultural context of consumer behaviour ; social stratification ; reference group and sub-cultural influences ; family influences on cultural behaviour.
3. *The nature and influence of individual pre-disposition* : The Central Unit ; Learning process ; evaluative criteria ; attitudes ; personality.
4. *Persuasive communication and attitude change in consumer behaviour* : persuasive communication ; attitude change.
5. *Decision process* : Problem recognition processes ; search and alternative evaluation processes ; mass media and marketer-dominated sources of information ; additional dimensions of search and alternative ; purchasing processes ; store choice and shopper profiles ; in-store behaviour ; additional dimensions of purchasing processes ; post-purchase processes.

6. *Additional dimensions on consumer behaviour* : brand loyalty ; diffusion of innovations.
7. Consumerism.
8. Current status of consumer behaviour.

Books Recommended for Study

1. Engel, J. F., Kollat, D. T. and Blackwell, R. D.—*Consumer Behaviour* 2nd edition, Hinsdale, Illinois, Dryden, 1973.
2. Reynolds, F. D. and Wells, W. D.—*Consumer Behaviour*, New York, McGraw Hill, 1977.

Books Recommended for Reference

1. Britt, S. H.—*Consumer Behaviour in Theory and Action*, New York : Wiley, 1971.
2. Bennett, R. D. and Kasergian, A. H.—*Consumer Behaviour*, Englewood Cliffs, N. J., Prentice Hall, 1972.
3. Robertson, T. S.—*Consumer Behaviour*, Glenview, Illinois, Scott, Foresman and Co., 1970.
4. Walters, C. G. and Paul, G. W.—*Consumer Behaviour*, New York, Irwin, 1970.
5. Worcester, R. M. (ed.)—*Consumer Market Research Handbook*, London, McGraw Hill, 1972.

Paper VIII—*Industrial Psychology Practicum Or Dissertation*

(N.B. : The candidates will maintain the Paper VIII Practicum File based on the following practical and field work and submit the same for examination.)

1. Knowledge and experience of administration, scoring, interpretation of at least *one standard test* from each of the following personnel selection techniques and tests :—(Nine reports to be written) :—
 - (1) Biographical information Blank.
 - (2) Structured interview form of interview.
 - (3) Tests of general mental ability.
 - (4) Tests of specific and special abilities, and aptitudes.
 - (5) Tests of personality, interest, temperament, character and values.
 - (6) Tests of supervisory abilities.

- (7) Merit Rating scale.
 - (8) Multiaptitude tests.
 - (9) Projective techniques.
2. The candidates will be expected to take up an individual project from one of the following areas and write a report on the same :—
- (1) Communication.
 - (2) Organizational psychology and human relations.
 - (3) Consumer psychology.
 - (4) Personnel psychology and managerial psychology.
 - (5) Human engineering, work and safety.
 - (6) Worker motivation and job satisfaction.

(Distribution of marks : 40% Test administration ;
40% Viva ;
20% File.)

Or

Dissertation

The student will conduct an original and independent investigation in any area of Industrial Psychology and will write a formal report on it.

Optional Group D—Applied Social Psychology

Paper V—*Social Influences on Behaviour*

1. History, problems and research methods of social psychology.
2. Imitation or matched-dependent behaviour.
3. Learning by observation.
4. Social facilitation and motivation.
5. Conformity and independence.
6. Compliance and obedience ; Attribution.
7. Communication and persuasion.
8. Attitude formation and change.
9. Measurement of attitudes.
10. Person perception and impression formation.
11. Theories of cognitive consistency.
12. Social interaction ; Aggression.

Books Recommended for Study

1. Tedeschi, J. T. and Lindskold, S.—*Social Psychology : Interdependence Interaction, and Influence*, New York : Wiley, 1976.
2. Insko, C. A. and Schopler, J.—*Experimental Social Psychology*, New York, Academic Press, 1972.
3. McClintock, C. G. (Ed.)—*Experimental Social Psychology*, New York : Holt, Rinehart and Winston, 1972.
4. Thibaut, J. W., Spence, J. T. and Carson, R. C. (Eds.)—*Contemporary Topics in Social Psychology*, Morristown, N. J. : General Learning Press, 1976.

Books Recommended for Reference

1. Abelson, R. P., Aronson, E., McGuire, W. J., Newcomb, T. M., Rosenberg, M. J., and Tannenbaum, P. H. (Eds.)—*Theories of Cognitive Consistency : A Source Book*, Chicago : Rand McNally, 1968.
2. Bandure, A. (Ed.)—*Psychological Modeling : Conflicting Theories*, Chicago : Aldino-Atherton, 1971.
3. Bandura, A.—*Social Learning Theory*, Englewood Cliffs, N. J. : Prentice-Hall, 1977.
4. Beisecker, T. A. and Parson, D. W.—*The Process of Social Influence : Reading in Persuasion*, Englewood Cliffs, N. J. : Prentice-Hall, 1972.
5. Berkowitz, I. (Ed.)—*Advances in Experimental Social Psychology*, (10 volumes), New York : Academic Press, 1964-1977.
6. Carlsmith, J. M., Ellsworth, P. C. and Aronson, E.—*Methods of Research in Social Psychology*, Reading, Mass. : Addison-Wesley, 1976.
7. Crano, W. D. and Brewer, M. B.—*Principles of Research in Social Psychology*, New York : McGraw-Hill, 1972.
8. Fishbein, M. (Ed.)—*Readings in Attitude Theory and Measurement*, New York : Wiley, 1967.
9. Fishbein, M. and Ajzon, J.—*Belief, Attitude, Intention and Behaviour: An Introduction to Theory and Research*, Reading, Mass. : Addison-Wesley, 1975.
10. Greenwald, A. G., Brock, T. C. and Ostrom, T. M. (Eds.)—*Psychological Foundations of Attitudes*, New York : Academic Press, 1968.

11. Hendrick, C. and Jones, R. A.—*The Nature of Theory and Research in Social Psychology*, New York : Academic Press, 1972.
12. Himmelfarb, S. and Eagly, A. H.—*Readings in Attitude Change*, New York, Wiley, 1974.
13. Jones, E. E., Kanouse, D. E., Kelley, H. H. Nisbett, R. E., Valins, S., and Weiner, B. (Eds.), *Attribution : Perceiving the Causes of Behaviour*, Morristown, N. J. : General learning Press, 1972.
14. Lindzey, G., and Aronson, E. (Eds.)—*The Handbook of Social Psychology*, (2nd ed.) (5 volumes), Reading, Mass. : Addison-Wesley, 1968-1969.
15. Milgram, S.—*Obedience to Authority : An Experimental View*. New York, Harper and Row, 1974.
16. Miller, N. E. and Dollard, J.—*Social Learning and Imitation*, New Heaven : Yale University Press, 1941.
16. Rsnow, R. I. and Robinson, E. J. (Eds.)—*Experimental in Persuasion*, New York : Academic Press, 1967.
18. Schellenberg, J. A.—*Masters of Social Psychology*, New York : Oxford University Press, 1978.
19. Shaw, M. E. and Constanzo, P. R.—*Theories of Social Psychology*, New York : McGraw--Hill, 1970.
20. Simmel, E. C., Hoppe, R. A. and Milton, G. A. (Eds.)—*Social Facilitation and Imitative Behaviour*, Boston : Allyn and Bacon, 1968.
21. Simons, H. W.—*Persuasion : Understanding Practice and analysis*, Reading, Mass. : Addison-Wesley, 1976.
22. Staats, A. W.—*Social Behaviourism*, Homewood, III. : Dorsey, 1975.
23. Milly, J. (Ed.)—*Experimental Social Psychology*, London, MacMillan, 1969.
24. Kiesler, C.A., Collins, B. E. and Miller N.—*Attitude Change : A Critical Analysis of Theoretical Approaches*, New York, Wiley, 1969.

Paper VI—*Psychology of Group Behaviour*

1. Psychology of affiliation.
2. Interpersonal attraction.
3. Group formation and development.
4. Physical environment of groups ; Communication networks.
5. Personal environment of groups ; Group size and membership.

6. Group composition, compatibility and cohesiveness.
7. Group structure ; Power and influence in groups.
8. Leadership behaviour in groups.
9. Cooperation and competition in groups.
10. Determinants of group effectiveness and performance.
11. Individuals versus group performance ; The risky shift.
12. Behaviour of large groups ; Mass movements and crowd behaviour.

Books Recommended for Study

1. Shaw, M. E.—*Group Dynamics : The Psychology of Small Group Behaviour*, (2nd ed.), New York ; McGraw-Hill, 1976.
2. Cartwright, D. and Zander, A.—*Group Dynamics : Research and Theory*, (3rd ed.), New York : Harper and Row, 1968.
3. Steiner, I. D.—*Group Process and Productivity*, New York : Academic Press, 1972.
4. Copper, C. L. (Ed.)—*Theories of Group Processes*, New York : Wiley, 1975.

Books Recommended for Reference

1. Bales, R. F.—*Interaction Process Analysis : A Method for the Study of Small Groups*, Cambridge, Mass. : Addison-Welsey, 1950.
2. Berkowitz, L. (Ed.)—*Advances in Experimental Social Psychology*, (10 volumes), New York : Academic Press, 1964-1977.
3. Bonner, H.—*Group Dynamics—Principles and Applications*, New York : Ronald, 1959.
4. Byrne, D.—*The Attraction Paradigm*, New York : Academic Press, 1971.
5. Collins, B. E. and Guetzkow, H.—*A Social Psychology of Group Processes for Decision Making*, New York : Wiley, 1964.
6. Duck, S. (Ed.)—*Theory and Practice in Interpersonal Attraction*, London, Academic Press, 1977.
7. Davis, J. H.—*Group Performance*, Reading, Mass. : Addison-Wesley, 1969.
8. Fiedler, F. E.—*A Theory of Leadership Effectiveness*, New York : McGraw-Hill, 1967.

9. Guetzkow, H. (Ed.)—*Groups, Leadership and Men*, Pittsburgh : Carnegie Press, 1951.
10. Hare, A. P.—*Handbook of Small Group Research*, (2nd ed.), New York : Free Press, 1976.
11. Hare, A. P.—Borgatta, E. F. and Bales, R. F. (Eds.)—*Small Groups : Studies in Social Interaction*, New York : Knopf, 1955.
12. Homans, G. C.—*The Human Group*, New York : Harcourt, Brace and World, 1950.
13. Johnson, D. W. and Johnson, F. P.—*Joining together : Group Theory and Group Skills*, Englewood Cliffs, N. J. : Prentice-Hall, 1975.
14. Lindzey, G. and Aronson, E. (Eds.)—*The Handbook of Social Psychology*, (2nd ed.) (Five volumes), Reading, Mass. : Addison-Wesley, 1968-1969.
15. Marwell, G. and Schmitt, D. R.—*Cooperation : An Experimental Analysis*, New York : Academic Press, 1975.
16. Napier, R. W. and Gershenfeld, M. K.—*Groups : Theory and Experience*, Boston, Houghton Mifflin, 1973.
17. Roby, T. B.—*Small Group Performance*, Chicago : Rand McNally, 1968.
18. Rubin, Z., Liking and loving—*An Invitation to Social Psychology*, New York : Holt, Rinehart and Winston, 1973.
19. Schachter, S.—*The Psychology of Affiliation*, Stanford : Stanford University Press, 1959.
20. Sherif, M. and Wilson, M. O. (Eds.)—*Group Relations at the Cross-Roads*, New York : Harper and Row, 1953.
21. Thibaut, J. W. and Kelley, H. H.—*The Social Psychology of Groups*, New York : Wiley, 1959.
22. Turner, R. H. and Willian, L. N. (Eds.)—*Collective Behaviour*, Englewood Cliffs, N. J. : Prentice-Hall, 1957.
23. Zander, A.—*Motives and Goals in Group*, New York, Academic Press, 1971.

Paper VII—*Psychology of Social Development and Change.*

Section I—Psychology of Social Development

1. Concepts, definitions and classifications.
2. Pre-industrial situations.

3. Demographic patterns of development.
4. The process of modernization.
5. Social systems and cultural dynamics.
6. International nexus.
7. The framework of policy of development.
8. Community and Rural development.

Books Recommended for Study

1. Lengyl Peter—Approaches to the Science of socio-economic development, Paris, UNESCO, 1971.

Books Recommended for Reference

1. Pieris Ralph—*Social Development and Planning in Asia*, New Delhi, Abhinav publications, 1976.
2. Sinha, D.—*Motivation and Rural Development*, Calcutta, Minerva, 1974.
3. McClelland, D. C. and Winter, D. G.—*Motivation Economic Achievement*, New York, Free Press, 1969.

Section II—Psychology of Social Change

1. Basic concepts in change, (a) Introduction to social change, (b) Defining social problems.
2. Strategies for change (a) resistance to change, (b) facilitative strategies, (c) reeducative strategies, (d) persuasive strategies, (e) power strategies, (f) Use of multiple strategies.
3. Actors in change process (a) The change agent, (b) characteristics of change targets : Individuals, (c) characteristics of change target organisations.
4. Research use and social change.
5. Ethics of social change.
6. Factors of social change—demographic, technological economic, culture, legislation and planning.
7. Areas of social change : caste system ; backward classes ; status of women ; education, labour ; mass media.

Books Recommended for Study

1. Zaltmann, G. and Duncan, R.—*Strategies for Planned Change*, Wiley Inter Science, 1977.
2. Zaltmann, G.—*Process and Phenomena of Social Change* ; New York, J. Wiley, 1973.

Books Recommended for Reference

1. Bhatnagar, G. S.—*Education and Social Change*, The Minerva Associates, Calcutta, 1972.
2. Chirot Daniel—*Social Change in the Twentieth Century*, Harcourt, Brace, Jeevanovich, 1977.
3. Hodgkin, R. A.—*Education and Change*, London, Oxford University, Press, 1967.
4. King, B. T. and McGinnes, Elliot—*Attitudes, Conflict and Social Change*, New York Academic Press, 1972.
5. Kuppuswamy, B.—*Social Change in India*, Popular, 1968.
6. Lauterbach, A.—*Psychological Challenges to Modernisation*, New York, Elsevier, 1974.
7. Sampson, E. G.—*Social Psychology and Contemporary Society*, New York, John Woley, 1976.
8. Wrightsman, L. S.—*Social Psychology in the Seventies*, Bellmont, Calif ; Brooks/Cole, 1972 Parts 2, 4 and 5.

Paper VIII—*Social Psychology Practicum Or Dissertation*

(N.B. : The candidates will maintain the Paper VIII practicum File and submit it at the practical examination.)

Social Psychology Practicum

The students will conduct six experimental projects in the areas given below :—

1. Imitation and observational learning.
2. Conformity, compliance, and obedience.
3. Person perception and impression formation.
4. Affiliation and attraction.
5. Group structure and composition.
6. Individual versus group performance.

Or

Dissertation

The students will conduct an independent and original investigation in any area of social psychology and will write a formal report of their findings.

Books Recommended for Journals and Reference

1. Berkowitz, L. (Ed.)—*Advances in Experimental Social Psychology*, (10 volumes), New York ; Academic Press, 1964-1977.
2. *British Journal of Social and Clinical Psychology*.
3. Carlsmith, J. M., Ellsworth, P. C. and Aronson, E.—*Methods of Research in Social Psychology*, Reading, Mass. : Addison-Wesley, 1976.
4. Crano, W. D. and Brewer, M. B.—*Principles of Research in Social Psychology*, New York : McGraw-Hill, 1972.
5. *European Journal of Sociat Psychology*.
6. Hendrick, C. and Jones, R. A.—*The Nature of Theory and Research in Social Psychology*, New York : Academic Press, 1972.
7. *Journal of Applied Social Psychology*.
8. *Journal of Experimental Social Psychology*.
9. *Journal of Personality and Social Psychology*.
10. *Journal of Social Psychology*.
11. Lindzey, G. and Aronson, E. (Eds.)—*The Handbook of Social Psychology*, (2nd ed.) (5 volumes), Reading, Mass : Addison-Wesley, 1968-69.
12. Selltitz, C.—Wrightsmann, L. S. and Cook, S. W.—*Research Methods in Social Relations*, (3rd ed.) New York : Holt, Rinehart and Winston, 1976.
13. *Social Behaviour and Personality*
14. Swingle, P. G.—*Experiments in Social Psychology*.
15. Web, E. J., Campbell, D. T.—Schwartz, R. D. and Sechrest, L.—*Unobtrusive Measures : Nonreactive Research in the Social Sciences*, Chicago, Rand McNally, 1966.

MATHEMATICS

Syllabus, papers and the list of books will be the same as per Old M.A. degree course. (Pamphlet No. 95)

STATISTICS

The following will be the scheme of Parts I and II examinations :—

Paper I—*Measure Theory and Elements of Stochastic Processes.* (One Paper—3 hours—100 marks)

Paper II—*Matrices, Quadratic forms and Linear Modes* (One Paper—3 hours—75 marks)

Paper III—*Statistical Inference (Elements of Decision Theory and Estimation)*—(One Paper—3 hours—75 marks)

Paper IV—*Design and Analysis of Experiments*—(One Paper 3 hours—75 marks)

*Paper V—Practical Paper based on Papers II, III and IV—75 marks.

Paper VI—*Multivariate Analysis*—(One paper—3 hours—75 marks)

Paper VII—*Statistical Inference (Testing of Hypotheses)*—(One paper—3 hours—75 marks).

Papers VIII and IX—Will be optional papers. Any two to be selected from the following papers : (Each paper of 3 hours' duration and each carrying 75 marks).

1. Advanced Probability Theory and Stochastic Processes.
2. Advanced Statistical Decision Theory.
3. Operations Research.
4. Econometrics.
5. Industrial Statistics.
6. Nonlinear Programming.
7. United Theory of Sampling.
8. Biostatistics.
9. Demography and Actuarial Statistics.
10. Advanced Theory of the Construction of Designs.

Paper X—Practical Paper based on Papers VI to IX—100 marks.

The distribution of marks will be as follows :—

- (i) 70 marks for practical examination.
(There will be two sessions each of 3 hours' duration and each carrying 35 marks).
- (ii) Field work or dissertation—20 marks.
- (iii) Journal and Oral—10 marks.

Paper I—*Measure Theory and Elements of Stochastic Processes*—(100 marks)

Section I

1. Set operations, Characteristic function of a set, Superior limit, inferior limit and limit of a sequence of sets, Monotone sequences, Classes of sets : Rings, σ -rings, Algebra and σ -algebra, monotone class, generated rings and σ -rings.
2. Additive set functions, Measure on rings, hereditary class, outer measure, outer measure on hereditary σ -ring, Measurable sets, induced measure by an outer measure, complete measure, Lebesgue and Lebesgue—Stieltjes measure.
3. Measure space, measurable functions, Borel measurable functions, Various types of convergences of sequences of measurable functions, pointwise, uniform convergence almost uniform convergence, Egoroff's theorem, convergence in measure.
4. Integration : Simple function, Definition of an integral of a sequences of simple function, convergence in mean, Lebesgue's bounded convergence theorem properties, of integrals, Fatou's lemma.
5. General set function, Hahn and Jordan decomposition, Radon-Nikodym theorem, Product spaces.
6. Probability space, probability measure, Series of independent functions, Kolmogorov's inequality, Laws of large numbers, conditional probability and expectations.

Section II

7. Recurrent events, delayed recurrent event , renewal theory.
8. Random walk and ruin problems (Ballot problem as a particular case).
9. Markov Chains (discrete case)
10. Stochastic Processes : Discrete (Branching Process), Continuous (birth, death, birth and death).

List of Books Recommended for Study

1. Feller—An Introduction to Probability Theory and Its Applications Vol. I.
3. Halmos—Measure Theory.
3. Karlin—Introduction to Stochastic Processes.
4. Kingman and Taylor—Introduction to Measure and Probability.
5. Loeve M.—Probability Theory.
6. Munroe—Introduction to Measure and Integration.
7. Parzen—Modern Probability Theory and Its Applications.

Paper II—*Matrices, Quadratic forms and Linear Models*—(75 marks)

Section I

1. Matrices.
2. Quadratic forms their distributions under independent and correlated normal variables.

Section II

3. Gauss Markoff theorem : Full rank and Nonfull rank case. Simultaneous confidence interval.
4. Analysis of variance upto three was classifications with and without interaction (fixed effect).
5. Analysis of covariance : General model.
6. Analysis of variance with random and mixed effect model.
7. Assumptions in the analysis of variance.
8. Ridge regression analysis.

List of Books Recommended for Study

1. Finkbeiner, D. T.—Introduction to Matrices and Linear Transformations.
2. Graybill, F. A.—Introduction to Matrices With Application in Statistics.
3. Graybill, F. A.—An Introduction to Linear Statistical Models, Vol. I.
4. Lukacs, E.—Characteristic Functions.
5. Raghav Rao, D.—Matrix Theory.
6. Rao, C. R.—Linear Statistical Inference and Its Applications.
7. Scheffe, H.—Analysis of Variance.
8. Searles, S. R.—Linear Models.
8. Seber, G. A. F.—Linear Regression Analysis.
9. Shanti Narayan—A text book of matrices.

Paper III—*Statistical Inference (Elements of Decision Theory and Estimation)*—
(75 marks)

Section I

1. Elements of decision theory, Loss function, decision rule : randomised and non randomised decision rules, complete class of decision rules, admissible decision rules, Bayes and minimax rule,—Bayes and Limit Bayes decision rule, Least favourable prior distribution Theorems on Bayes rules, Existence of Bayes decision rules and existence of minimal complete class. Separating hyperplane theorem. Jensen's inequality. The complete class theorem. Theorems on minimax rules.

Section II

2. Definition of an estimator and an estimate. Properties of estimators : Unbiasedness, Minimum risk estimators, minimum variance unbiased estimators, consistency, efficient and asymptotically efficient estimators.
3. Lower bounds for the variance of an estimator.
4. Sufficiency and completeness, minimal sufficient statistics, Neyman factorisation theorem. Rao-Blackwell-Lehmann-Scheffee theorem and its applications.

5. Methods of estimation : Method of Least Square, Method of moments, method of minimum Chi-square, Maximum likelihood method. Properties of these estimators.
6. Bayes, Minimax and admissible estimators.
7. Equivariant estimators.
8. Estimators based on order statistics.
9. Interval estimation, confidence and tolerance intervals.

List of Books Recommended for Study

1. Cox, D. R. and Hinkley, D. V.—Theoretical Statistics.
2. Ferguson, T. S.—Mathematical Statistics : A Decision Theoretic Approach.
3. Hogg, R. V. and Craig, A. T.—Introducton to Mathematical Statistics.
4. Kendal, M. G. Stuart—The Advanced Theory of Statistics. Vol. 2.
5. Lehman, E. L.—Notes On The Theory of Estimation.
6. Rao, C. R.—Linear Statistical Inference and Its Applications.
7. Zacks, S.—The Theory of Statistical Inference.

Paper IV—*Design and Analysis of Experiments*—(75 marks)

Section I

1. Principles of design and analysis of experiments.
2. Complete randomised designs and its analysis.
3. Analysis of block designs. Some standard designs : R.B.D., B.I.B.D., P.B.I.B.D., Lattice designs.
4. Properties of block designs : Connectedness, balanced, orthogonality.
5. Designs with two way elimination of heterogenity and their analysis. Some standard designs : Latin squares, Youden square. Mutually Orthogonal latin squares.
6. Factorial designs symmetrical and asymmetrical designs, Confounding : total and partial, Fractional replication.
7. Splir plot designs in R.B.D. and Latin Square.
8. Missing plot technique.

Section II

9. Weighing and Rotatable Designs.
10. Construction of B.I.B.D., M.O.L.S. and Confounded Symmetrical factorial designs and fractional replication.

List of Books Recommended for Study

1. Anderson, R. L. and Bancroft, T. A.—Statistical Theory in Research.
2. Chakrabarti, M. C.—Mathematics of Design and Analysis of Experiments.
3. Cochran, W. G. and Cox, G. M.—Experimental Designs.
4. Dass, M. N. and Giti, N. C.—Design and Analysis of Experiments.
5. Federer, W. T.—Experimental Design, Theory and Application.
6. Finney, D. J.—Statistical Methods in Biological Assays.
7. Fisher, R. A.—The Design of Experiments.
8. Kempthorne, O.—Design and Analysis of Experiments.
9. Mann, H. B.—Analysis and Design of Experiments.
10. Quenouille—The Design and Analysis of Experiments.
11. Raghavrao, D.—Construction and Combinatorial Problems in Design of Experiments.
12. Seheffe, H.—The Analysis of Variance.
13. Snedecor, G. W.—Statistical Methods.
14. Winer—Statistical Principles in Experimental Design.
15. Yates, F.—Experimental Design.

Paper V—*Practical Paper based on Paper II, III and IV*—(75 marks)

The subject shall be taught according to the syllabus mostly from original papers, research memoirs, and current publications and journals. No textbooks are recommended and students will be expected to acquire up-to-date information in these subjects.

Paper VI—*Multivariate Analysis*—(One paper—3 hours—75 marks)

Multivariate distributions, joint distributions, marginal distributions, conditional distributions, transformation of variables. Multivariate normal distribution, distributions of linear combinations of normally distributed variates. Independence of variates, Marginal and conditional distribution of a subject of normally variables.

Wishart Distribution, Properties of Wishart Distribution, Distributions of the maximum likelihood estimates of the mean vector and variance-covariance matrix.

Multivariate Regression, Partial and multiple correlation coefficient and their distributions, Distributions of correlation coefficient of a bivariate sample, Distribution of the matrix of correlation of coefficients.

Hotelling's T^2 and its applications likelihood ratio tests : testing the hypothesis that a mean vector and a covariance matrix are equal to a given vector and matrix.

Testing the general linear hypotheses, the hypotheses about the matrices regression coefficients, multivariate analysis of variance, testing independence of sets of variates, Testing equality of several covariance matrices. Testing that several normal distributions are identical, Testing hypothesis of symmetry and sphericity moments and asymptotic distributions of the criteria.

Classification of observations, classification into one of two populations with known distributions, Discriminant function, Analogy of discriminant analysis with regression analysis.

Principal components of a random vector, their maximum likelihood estimates and computation.

Canonical correlations, estimation of canonical correlations and computations.

Paper VII—*Statistical Inference : Testing of Hypotheses*—(One paper—3 hours—75 marks)

The statement of the problem of testing statistical hypotheses. Definition of a statistical test, two kinds of error. Level of significance, size of a test, randomised and nonrandomised tests. Most powerful and uniformly most powerful tests.

The Neyman-Pearson fundamental lemma and its applications to most powerful and UMP tests.

Definition of an unbiased test. UMP unbiased tests for one parameter families by using generalisation of the Neyman-Pearson fundamental lemma. Locally most powerful and locally most powerful unbiased tests.

Testing of hypotheses problems in the presence of nuisance parameters. Similar tests, Neyman structure tests, Most stringent tests.

Nonparametric tests. Tests based on permutations, ranks, ordered statistics.

Sequential Analysis. Definition, S.P.R.T. O.C. AND A.S.N. functions, Wald's fundamental Identity and applications.

Confidence sets and testing of hypotheses.

Papers VIII and IX—(Any two of the following. (Each paper of 3 hours duration each carrying 75 marks)

1. Advanced Probability Theory and Stochastic Process

Section I

Defination of conditional expectation given a σ -field. Properties of conditional expectation. Regular conditional probabilities and conditional distributions.

Convergance of distribution functions. The weak compactness theorem, The Helly Bray Theorem, Characteristic functions and its properties, Convolutions of distribution function.

The one dimensional central limit problem :—

The infinitely divisible laws, the generalised limit problem, Levy-Khintchine's theorem. The stable laws.

Section II

Kolmogorov's consistency theorem and defination of a stochastic process.

Processes with stationary and independent increments. The wiener process and its main properties.

Wide sense stationary processes. The spectral theorem, linear least squares prediction.

2. Advanced Statistical Decision Theory

(Syllabus will be submitted later).

3. Operations Research

Methodology. Steps in OR methodology. Principles of model building. Identification of variables backward-forward formulations sub-optimisation-efficient solutions. Linear programme—simplex method (revision)—revised simplex method—duality. Sensitivity or post-optimality analysis solving transportation problem by using simplex multipliers—transportation with transshipment. Simple integer problems—general structure of integer programming techniques—branch and bound algorithm—cutting plane method. Inventory control EOQ models—EOQ model with discrete price breaks. Stochastic demand models. Multi-echelon inventory Queueing—characteristics of queueing system, standard notation, birth and death processes, single server and multi-server models. Single server model with arbitrary service times and a priority queue discipline. Waiting time distribution deterministic scheduling models and replacement of equipments whose performance deteriorates deterministically. Replacement of equipment that fails stochastically. Inspection frequencies of equipments—in continuous operation and subject to breakdown overhaul and repairs—determination of optimal number. Steps in simulation study, where to simulate, Random number generation. Applications. Basic decision problem—decision free decision criteria, Laplace, savage, Hurvitz, Wald, Classical information theory entropy-relevance of entropy to decision making, Barges theorem. Information value.

Theory of games. Basis theorems. Saddle point solution theory programming methods. Applications of OR—Case studies.

4. Econometrics

Analysis of time series.

Index numbers.

Advanced forecasting techniques including technological forecasting. Theory of consumer behaviour, revealed preference theory.

Theory of market-equilibrium.

Growth models : Von Neuman, Harrod Domar Leontif's dynamic model, planning models including multilevel planning.

Two variable linear and nonlinear models extension to more than two variables. General linear models.

Econometric problems in single equation models. Errors in variables. Autocorrelation, multicollinearity. Heteroscedasticity. Problems of specification, identification.

Estimation in simultaneous equation system. The presence of identification. Method of estimation. Two stage least squares and principal components limited information and full information. Introduction to Monte Carlo studies.

Measures of income and wealth inequalities. Lorenz curve, pareto distribution. Lognormal distribution.

Econometric applications to regional economics.

5. Industrial Statistics

Review of control charts.

Modifications of control charts (C chart : defects are classified into various groups) Acceptance control chart, stopping control chart, \bar{X} difference control chart, \bar{X} warning limit control chart, geometric moving average chart, modification of the control chart in the presence of data correlation, etc.)

Cumulative sum control chart.

Economic design of control charts.

Single, double, multiple sampling plans by attributes and their modifications.

Variables sampling plan.

Continuous sampling plans and any modifications.

Bayesian single, double sampling plans.

Multivariate quality control.

Tolerance limits.

Reliability.

Mil. Std. tables.

6. Non Linear Programming

Stochastic linear programming minimax criteria in stochastic programming parametric programmes. Unconstrained optimisation—optimal conditions and duality—Kuhn Tucker conditions—Lagrangian duality and saddle point optimality condition—Linear complementary and quadratic separable programming linear fractional programming convex simple method—Dynamic programming, optimal route problem—deterministic dynamic programming with stochastic state space. Inventory production problems with probabilistic demands—Geometric programming—elementary ideas and problems.

7. Unified Theory of Sampling

(Syllabus will be submitted later)

8. Biostatistics

Statistical methods in Biology : Application of Binomial Poisson Geometric, negative binomial distributions. Accident Proneness. Eggenbeger-Polya distribution. Logistic law in three parameters. Probits Rankits, Logits and analysis based on them (simple cases).

Analysis of four fold tables : Measurement of association based on X^2 and odds Ratio (O.R.), Properties of O.R. and its logarithm. Redit analysis and comparison of proportions from many samples.

Bioassays : Slope Ratio assays, crossover design, use of concomitant information.

Genetics : Natural selection and mutation, mechanism of selection, Fundamental theorem of natural selection. Distribution of mutants in a population. The probability of extinction of a mutant gene. Blood group analysis : Scope function Bernstein estimators.

Medical and Public health statistics : Morbidity studies, Measurement of disability, occupational injury, morbidity, Incidence rate, prevalence, rate, case fatality rate.

9. Demography and Actuarial Statistics

Measures of mortality, fertility, migration and reproduction.

Marraige and nuptiality analysis, Construction of Life tables, King's Greville's, Read-Merrel's methods. Derivation of exposed risk formulae, Calculation of rates of mortality, double decrements, independent and dependent rates. Their inter relationships and calculation.

Graduation : (1) by summation formulae, (2) with reference to standard table.

Gratuity : Nature of Gratuity benefits and the valuation of liability.

Non-life insurance : Elements of Risk theory.

Population Projection : Techniques of projection.

Stationary and Stable population.

Stochastic models : Birth, death, illness and migration processes, Branching process as a population model.

10. Advanced Theory of the Construction of Designs

(Syllabus will be submitted later)

**List of Reference Books*

Paper VI--

1. Anderson--An Introduction to Multivariate Statistical Analysis.
2. Kshirsagar--Multivariate Analysis.
3. Kendall--Multivariate Analysis.
4. Rao C. R.--Linear Statistical Inference and Its Applications.

Paper VII--

1. Cox and Hinkley--Theoretical Statistics.
2. Fraser--Nonparametric Methods in Statistics.
3. Ferguson--Mathematical Statistics : A Decision Theoretic Approach.
4. Ghosh--Sequential Tests of Statistical Hypotheses.
5. Gibbon--Nonparametric Statistics.
6. Hajek and Siddak--Theory of Rank Tests.
7. Kendall and Stuart--The Advanced Theory of Statistics : Vol. II.
8. Lehman E. L.--Testing Statistical Hypothesis.
9. Lehman, E. L.--Notes on the Theory of Testing.
10. Rao, C. R.--Linear Statistical Inference and Its Applications.
11. Wald--Sequential Analysis.

Papers VIII and IX—Optional Papers :

1. Advanced Probability Theory and Stochastic Processes

1. Brieman Lio—Probability.
2. Deob—Stochastic Processes.
3. Gnedenko and Kolmogorov—Limit Distributions For Sums of Independent Random Variables.
4. Gihman I. I. and Skorohod—The Theory of Stochastic Processes Vols. I and II.
5. Parthasarathy, K. R.—Introduction to Probability and Measure.

2. Operations Research

1. White, Donaldson and Lawries—Technique in Operational Research Vols. I and II (Business books).
2. Cook and Russell—Intro. to Management Science (Prentice-Hall).
3. Jardine, A. K. S.—Maintenance Replacement and Reliability (Pitman).
4. Badley and Whitin—Analysis of Inventory Systems (Prentice-Hall).
5. Gupta, Shiv and John M. Cozzolino—Fundamentals of Operations Research for Management (Holden Day)
6. Shannon, Robert E.—System Simulation : The Art and Science (Prentice-Hall).
7. Hillier and Lieberman—Intro. to Operation Research (Holden Day).
8. Wagner, H. M.—Principles of Operations Research (Prentice-Hall of India).
9. Martin—O. R. Case Studies (Bradford University).

3. Econometrics

1. Hdenderson, James M. and Quandt, Richard E.—Microeconomic Theory ; A Mathematical Approach (McGraw Hill Book, Kogakusha).
2. Klein, Lawrence R.—A Text Book of Econometrics (Prentice-Hall of India).
3. Johnston, J.—Econometric Methods (McGraw-Hill Kogakusha).
4. Linstone, Harold and Turnoff, Murray—Delphi Method.
5. Heal, A.—Planning Models.

6. Johanson, Lief—**Planning Models.**
7. Rudra, Ashok—**Planning Models.**
8. Kornai and Lipitak—**Two Sector Planning Models.**
9. Isarad, Walter A.—**Regional Economics.**
10. Allen, R. G. D.—**Mathematical Analysis for Economists (ELBS).**
11. Allen, R. G. D.—**Mathematical Economics (ELBS)**
12. Koutsoyiannis, A.—**Theory of Econometrics; An Introductory Exposition of Econometric Methods (Macmillan).**
13. Teh-wei, Hu—**Econometrics ; An Introductory Analysis (University Park Press, Baltimore, London, Tokyo).**

4. Industrial Statistics

1. Grant, Eugene L. and Leavenworth, R. S.—**Statistical Quality Control (McGraw Hill Kogakusha).**
2. Duncan, Acheson J.—**Quality Control and Industrial Statistics (D. B. Taraporewalla).**

5. Nonlinear Programming

1. White, D. J.—**Decision Methodology (John Wiley).**
2. Hadley—**Non-linear Programming.**
3. Whittle, Peter—**Optimisation Under Constraints (John Wiley).**
4. Shetty, C. M.—**Non-linear Programming.**

6. Biostatistics

1. Bliss—**Statistics in Biology (McGraw Hill).**
2. Fleiss—**Statistical Methods for Rates and Proportions (Wiley).**
3. **International Encyclopaedia of Pharmacology and Therapeutics—Biostatistics in Pharmacology. Volumes I and II.**
4. Elandt Johnson—**Probability Models and Statistical Methods in Genetics.**
5. Finny—**Statistical Method in Biological Assay.**
6. Swarup Satya—**Introduction to Health Statistics Living Stone Ltd.**
7. **Statistical genetics—Kempthorne (Wiley).**

7. Demography and Actuarial Statistics

1. Benjamin and Haycocks Actuarial Statistics —Analysis of Mortality and Other.
2. Cox, P. B.—Demography (Cambridge University Press).
3. Beard, R. E.—Pentikainen T., Pesonen E. : Risk Theory (Methuen).
4. Chiang—Introduction to Stochastic Processes in Biostatistics.
5. G. S. Diwan—Special notes on Gratuity.
6. Keyfitz—Introduction to Mathematics of population.
7. Barelay—Techniques of Population Analysis (Wiley).

*The subject shall be taught according to the syllabus mostly from original papers, research memoirs, and current publications and journals. No textbooks are recommended students will be expected to acquire up-to-date information in these subjects.

ANCIENT INDIAN CULTURE

M.A. Part I Examination—(1980-81)

Group I—(Compulsory)

Paper I—*The History and Culture of India from C. 3000 B.C. upto C. 325 B.C.*

Paper II—*The History and Culture of India From C. 325 B.C. upto 320 A.D.*

Paper III—*The History and Culture of India from 220 A.D. to 650 A.D.*

Paper IV—*Ancient Indian Social Life and Organisation.*

M.A. Part II Examination (1981-82)

Group II—(Optional)

Any *four* papers from the following, as Papers V to VIII.

1. Ancient Indian Economic Life and Thought.
2. Ancient Indian Political Thought and Institutions.
3. Ancient Indian Religic-Philosophy Culture.
4. Ancient Indian Literature.
5. Ancient Indian Art and Architecture.

6. South Indian Culture.
7. Indian Archaeology.
8. Asian Civilization.

The scheme of papers in the branch of Ancient Indian Culture at the M.A. (Parts I and II) degree course has been revised as under :—

ANCIENT INDIAN CULTURE*

Group I

- Paper I—*History and Culture of India—C. 3000 B.C. upto 325 B.C.*
 Paper II—*History and Culture of India—C. 325 B.C. A.D. 320.*
 Paper V—*History and Culture of India C. A.D. 320—650.*
 Paper VI—*Ancient Indian Political Thought and Institutions.*

Group II

- Paper III—*Ancient Indian Social Life and Organisation.*
 Paper IV—*Ancient Indian Economic Life and Thought.*
 Paper VII and VIII—Any two of the following :—
1. Ancient Indian Religic—philosophic Culture.
 2. Ancient Indian Literature.
 3. Ancient Indian Art and Architecture.
 4. South Indian Culture.
 5. Indian Archaeology.
 6. Asian Civilisation.

*A student may offer all the eight papers of the branch of Ancient Indian Culture or four papers of the branch of Ancient Indian Culture with four papers of any one of the following branches :—

History, Economics, Sociology, Politics, Philosophy and Psychology as under :—

Papers I and II of each of the two branches for Part I examination.

Papers III and IV of each of the two branches for Part II examination.

Group I

Paper I—*History and Culture of India*—C. 3000 B.C. upto 325 B.C.

1. Indus Valley Civilisation—Sources of information ; Birth of Civilisation in the Indus Valley.

Extent and area of the Civilisation, Chronology, authorship and Special features.

Town Planning and Architecture, housing and civic amenities.

Administration, Social and Economic life.

Indus script ; End of the Indus towns and cities.

2. Vedic Society and culture—Sources of information, geographical background of the Vedic civilisation. Political life and organisation, Social structure, Economy, Education and learning. Life in the Vedic age—houses, food, drinks dress, ornaments and amusements.

Legacy of the Vedic age.

3. Society and civilisation of India as reflected in the Epics—the Ramayana and the Mahabharata.

4. *History of Maghadha* : Causes of the rise and growth of Magadha ; Political history ; Organisation of the Magadhan empire ; Republican communities ; Persian and Macedonian invasions—their effects on political Cultural life.

Civilization of India during the pre-maurya period—Social structure, economic changes, Age of revolt—religious developments—Social base of the new religions—their importance and popularity.

5. Indian contacts with the outside world.

Paper II—*History and Culture of India*—C. 325 B.C.—A.D. 320.

1. *Age of the Mauryas* : Sources of history ; Geographical factors in Mauryan history.

The foundation of the Mauryan Empire and its importance in history ; Rule of Chandragupta Maurya and Bindusara ; Age of King Ashoka Maurya. The Mauryan Organization of the State.

State of Society and Civilization during the Age of the Mauryas ; Decline and fall of the Mauryan empire.

2. Shunga, Kanva and Andhra/Satavahane rule—200 B.C.—A. D. 300.
King Kharvela of Kalinga.

Place of King Menander and Rudraman I the Shaka Satrap in Indian history.

Gondopharnes and the mission of apostle St. Thomas in India.

Role of the Kushanas in the Political and Cultural history of India.

3. Indian contacts with the outside world.

Paper III—*History and Culture of India*—A.D. 320—650.

1. *Age of the Imperial Guptas* :

Sources of information.

Rule of the early imperial Guptas.

State of society and civilisation of India—evolution of the classical pattern.

Organisation of the empire.

Maurya and Gupta empire, and civilisations—a comparison.

Legacy of the Gupta Age.

Decline and fall of the empire.

2. Reign of King Harshavardhana—A.D. 606—647.

Materials for the history of the period.

Political history.

Civil and military administration.

Social conditions and economic life.

Education and learning.

Literature and religion.

3. Indian contacts with the outside world.

Paper IV—*Ancient Indian Social Life and Organisation*

1. Alms and objectives of ancient Indian life.
2. Doctrine of the Varanshrama.

3. Social background of the forms of marriage and their significance ; Swayamvara.
4. Position of women in society, a historical review.
5. Ancient Indian education—educational centres and institutions, curriculum and method of teaching, Libraries, Distinctive features of the system of education in ancient India.
6. Samskaras/sacraments—definition, number and cultural significance.
7. Systems of caste—theory and practice, untouchables.
8. Origin and growth of slavery in India.
9. Distinctive features of the social life and organisation in ancient India.

Group II

Any *four* papers from the following as Papers V-VIII :—

(i) Ancient Indian Economic Life and Thought

1. Sources of the economic history of ancient India.
2. Science of *vartha*—meaning, subject matter and scope ; its importance in Indian life.
3. Economic life in ancient India—Agriculture, irrigation, dairy farming, arts and crafts, industries trade and commerce, media of exchange, weights and measures and transport.
4. Guilds and corporations.
5. Banking.
6. Economic functions of the State.
7. Distinctive features of ancient Indian economic life.

(ii) Ancient Indian Political Thought and Institutions

1. Name, history and Sources of the Science of polity in ancient India.
2. Origin and types of the State.
Nature aims and functions of the State.
State and citizen.
3. Monarchie State—Structure of the Central Government :—
The King authority of, and his prerogatives ; rule of royal succession ; the King's consecration and its implications.

Duties of the King ; policy of public security and welfare.

Officials of the State ; Assemblies, Council of ministers.

4. Ancient Indian Republics—Constitution, deliberative procedure. of republican assemblies ; administrative machinery ; Constitution of the Shakyas of Kapilavastu and the Licchhavis of Valsali.
5. Inter State relations—canons of foreign policy and principles of their application ; diplomatic relations among States ; the Mandala theory ; general characteristics of inter state relations in ancient India.
6. Local government : Patterns of local government ; constitution and working of village self-government ; municipal administration in India.
7. Judicial administration.
8. South Indian Polity : Monarchy, Council of Ministers, Income of the State, military administration, Works of public utility.
9. Distinctive features of the political thought and organization in ancient India.

(iii) Ancient Indian Religio-Philosophic Culture

1. Religious beliefs and practices of the Indus Valley people—C. 3000 B.C.—C. 2000 B.C.
2. Religion and philosophy of the Veda.
3. Religion and philosophy of the Epics.
4. Fundamental teaching of Jainism and Buddhism.
5. Origin, growth and teachings of Shaivism and Vaishnavism.
6. Philosophy of Shankara.
7. Distinctive features of the religious and philosophic thought in India.

(iv) Ancient Indian Literature

1. Vedas as literature.
2. Epics—Features of the epic literature ;
 Ramayana—authorship and contents of the Ramayana, date and popularity.
 Mahabharata—stages in the development of the Great Epic,
 Harivamsha—Upakhyanas, Ramayana and the Mahabharata as the national epics of India.

3. Puranas—Definition, authorship—date importance classification.
4. Survey of Jaina and Buddhist literature.
5. Sanskrit Kavya Literature—origin and early history.
Kalidas shvaghosha, Pravarasena,
Bharavi.
Inscriptions—prashastis by Harisnena and Vatsabhatti.
6. Lyrics—features of the Lyric—erotic type—Meghadut Amarushus-
shustaka—Gitagovinda—devotional lyrics—Shankaracharya.
7. Anthology—features—Cathasaptashati—NalaShatoka.
8. Prose—Bana. Dandi.
9. Sanskrit drama—Origin, characteristics and types—Bhasa, Kalidasa,
Shudraka Vishkhaesta, Harshavardhana and Bhavabhuti.
10. Historical literature—Harshacharita Rajatarangini, Vikramankadeva
Charita.

(v) Ancient Indian Art and Architecture

1. Art of ancient India—Beginnings of the artistic traditions ; Ideals
and symbolism, Special features of Indian art.
2. Prehistoric art.
3. Art of the Indus Valley Civilisation.
4. Mauryan Art.
5. Art of the Shunga, Andhra/Satavahana, Kushans and the Gupta
Periods.
6. Art of Northern India—A.D. 600—1200.
7. Art of South India—A.D. 600—1200.
8. Foreign influence on Indian Art.
9. Influence of Indian Art Abroad—Central Asia, Ceylon and South
East Asia.

(vi) South Indian Culture

1. Sources of history.
2. Birth of Civilisation in South India—Role of geography and environ-
ment, makers of civilisation—Salient features of civilisation of South
India.

3. Society and Civilisation as reflected in Sangam literature.
4. Economic basic of South Indian Civilisation.
5. South Indian administration.
6. Social life and organisation—classes in Society, education, position of women, slavery, marriage, manners and customs, Daily life.
7. Political and Cultural relations between the North and South India.
8. Art and Architecture of South India.
9. Contribution of South India to Indian Civilisation.

(vii) Indian Archaeology

1. Archaeology—meaning, aims and methods. Archaeology and history ; Relationship between archaeology and other sciences.
2. Excavation—methods of field archaeology ; archaeological material and its use.
3. Various methods of dating the past.
4. Epiigraphy its importance as a branch of archaeology.
5. History of Indian Archaeology.
6. Archaeological Ages in India :
 - (a) Meaning of the term ' Age ' in archaeology ;
 - (b) Stone Age in India ;
 - (c) Age of Metals—Copper, Bronza and Iron.
 - (d) Indus Valley Civilization.
7. Archaeological and Architectural wealth of India—Conservation Work and the Museums.

(viii) Asian Civilisation

1. Meaning of civilisation, distinction between primitive and civilised Societies ; Birth of civilised societies in Egypt, Mesopotamia, India and China.
2. Civilisation of Egypt : Government ; Economic life ; Religion, morals and manners ; Writing ; Education ; Science ; Art and Literature.
3. Civilisation in the Valley of the Two Rivers : Tigris and Euphrates.
 - (i) Sumerians—Government ; Economic life ; Religion and morality ; Letters and Arts, Sargon of Akkad—an ancient reformer—the Golden Age of Ur.

- (ii) Babylonia—From Hammurabi to Nebuchadnezer—Political Organization ; Law ; Religion ; Literature, Art and Science.
 - (iii) Assyria—Life in Assyria—Industry and trade ; Marriage and morals ; Religion and Science ; Letters and libraries ; Government.
 - (iv) Cheldea or New Babylonia—its importance in the Cultural history of Mesopotannia.
4. Phoenician and Hebrew contributions to World Civilisation.
 5. Civilisation of Persia—Organisation of the Empire ; Economy, art and religion.
 6. Ancient China—Society and Government ; religion, education and Science ; art and architecture ; Legacy of China.
 7. Ancient India—Ancient Indian contribution to World Civilisation.
 8. Distinctive features of Asian Civilisation.

List of books for Study and Reference in the branch of Ancient Indian Culture at the M.A. examination under the revised syllabus.

Group I

Ancient Indian Culture

- (1) **History and Culture of India—3000 B.C.—325 B.C.**
 1. Thaper, Romila—History of India, Volume I.
 2. Panikkar, K. M.—Survey of Indian History.
 3. Ghosh, N. N.—Early History of India.
 4. Majumdar, R. C. and Others—Advanced History of India, Part I—Ancient India.
 5. Sastri, K. A. H. and Srivasachari,—Advanced History of India.
 6. Mookerji, R. K.—Ancient India.
 7. Piggot, Stuart—Prehistoric India.
 8. Wheeler, Sir Mortimer—Indus Civilization, Supplementary Volume of the Cambridge History of India, Volume I.
 9. Rao, S. R.—Lothal and the Indus Civilization.
 10. Ramkrishna Mission—Cultural Heritage of India, Volumes I-II.

11. Rapson, Ed.—Cambridge History of India, Volume I.
12. Basham, A. L. Ed.—Cultural History of India.
13. Jha, D. N.—Ancient India. Culture of the Indian People.
14. Mazumdar, R. C. and Kusalkar A. D.—History and Volume I—Vedic Age.

(ii) **History and Culture of India : 325 B.C.—A.D. 320**

1. Thaper, Romila—History of India, Volume.
2. Panikar, K. M.—Survey of Indian History.
3. Ghosh, N. N.—Early History of India.
4. Majumdar, R. C. and Others—Advanced History of India, Part I—Ancient India.
5. Sastri, K. A. N. and Srinivasachari, G.—Advanced History of India.
6. Sastri, K. A. N. Ed.—Age of the Nandas and Mauryas.
7. Sastri, K. A. N. Ed.—Comprehensive History of India, Volume II.
8. Mookerji, R. K.—Ancient India.
9. Rapson, Ed.—Cambridge History of India, Volume I.
10. Majumdar, R. C. and Pusalkar, A. D.—History and Culture of the Indian People, Volume II, Age of Imperial Unity.
11. Jha, D. N.—Ancient India.

(iii) **History and Culture of India : A.D. 320—650.**

1. Thaper, Romila—History of India, Volume I.
2. Panikkar, K. M.—Survey of Indian History.
3. Ghosh, N. N.—Early History of India.
4. Majumdar, R. C. and Pusalkar, A. D.—History and Culture of the Indian People, Volume III, Classical Age.
5. Majumdar, R. C. and Altekar, A. S.—Vakataka Gupta Age.
6. Saletore, R. M.—Life in the Gupta Age.
7. Mookerji, R. K. —Ancient India.
8. Tripathi, R. S.—History of Kanauj.

9. Panikkar, K. M.—Shri Harsha of Kanauj.
10. Sharma, B. N.—Harsha and his times.
11. Jha, D. N.—Ancient India.

(iv) **Ancient Indian Social Life and Organisation**

1. Prabhu, P. H.—Hindu Social Organisation.
2. Ramakrishna Mission—Cultural Heritage of India, Volume II.
3. Aiyer, P. S. S.—Evolution of Hindu Moral Ideals.
4. Kane, P. V.—History of Dharmashastra, Volume II, Part I.
5. Radhakrishnan, S.—Religion and Society.
6. Basham, A. L.—Wonder That Was India.
7. Altekar, A. S.—Position of Women in Hindu Civilization.
8. Chatterjee, H.—Social Background of Forms of Marriage in Ancient India, Volumes I-II.
9. Altekar, A. S.—Education in Ancient India.
10. Das, S. K.—Educational System of the Ancient Hindus.
11. Venkateswara, S. V.—Indian Culture Through the Ages, Volume I.
12. Dutt, N. K.—Origin and Growth of Caste in India.
13. Hutton, J. H.—Caste in India.
14. Ghoshal, U. N.—Studies in Indian History and Culture (Chapter on Slavery).

Group II

(I) **Ancient Indian Economic Life and Thought**

1. Husaini, S. A. Q.—Economic History of India, Volume I.
2. Das, S. K.—Economic History of Ancient India.
3. Sharma, R. S.—Light on Early Indian Society and Economy.
4. Bandyopadhyay, N. C.—Economic Life and Progress in Ancient India, Volume I—Hindu Period.
5. Jain, P. C.—Labour in Ancient India.
6. Srivastava, B.—Trade and Commerce in Ancient India.
7. Ramakrishna Mission—Cultural Heritage of India, Volume II.

8. Aiyangar, K. V. R.—Aspects of Ancient Indian Economic Thought.
9. Shah, K. T.—Ancient Foundations of Economics in India.
10. Majumdar, R. C. and Pusalkar, A. D.—History and Culture of the Indian People, Volumes I to IV (relevant chapters).
11. Thapfer, Romila—History of India, Volume I.
12. Jha, D. N.—Ancient India.

(II) Ancient Indian Political Thought and Institutions

1. Altekar, A. S.—State and Government in Ancient India.
2. Bandyopadhyaya, N. C.—Development of Hindu Polity and Political Theories, Volumes I-II.
3. Ghoshal, U. N.—History of Indian Public Life, Volume II.
4. Dikshitar, V. R. R.—Hindu Administrative Institutions.
5. Sharma, R. S.—Aspects of Political Ideas and Institutions in Ancient India.
6. Ramkrishna Mission—Cultural Heritage of India, Volume II.
7. Panikkar, K. M.—Idea of Sovereignty and State in Indian Political Thought.
8. Mahalingam, T. V.—South Indian Polity.

(III) Ancient Indian Religio-Philosophic Culture

1. Ramkrishna Mission—Cultural Heritage of India, Volumes, II and IV.
2. Majumdar, R. C. and Pusalkar, A. D.—History and Culture of the Indian People, Volumes I, II and III.
3. Radhakrishnan, S.—Indian Philosophy, Volumes I-II.
4. Radhakrishnan, S.(ed).—History of Philosophy : Eastern and Western, Volume I.
5. Hiriyanna, M.—Essentials of Indian Philosophy.
6. Sinha, J.—History of Indian Philosophy, Volumes I-II.
7. Sen, K. M.—Hinduism.
8. Banerjee, P.—Early Indian Religions.
9. Renou, Louis—Religions of Ancient India.
10. Deussen, Paul—Outlines of the Vedanta System of Philosophy according to Shankar.

11. Mukharji, Nalinimohan—Study of Shankara.
12. Ghate, V. S.—Vedanta.
13. Dasgupta, S. N.—History of Indian Philosophy Volumes, 1 to 5.
14. Hirinyanna, M.—Outlines of Indian Philosophy.

(IV) Ancient Indian Literature

1. Ramakrishna Mission—Cultural Heritage of India, Volumes I, II and V.
2. Macdonnel, A. A.—History of Sanskrit Literature.
3. Winternitz, M.—History of Indian Literature, Volumes I, II and III.
4. Dasgupta, S. N. and De, S. K.—History of Sanskrit Literature, Vol. I.
5. Majumdar, R. C. and Pusalkar, A. D.—History and Culture of the Indian People, Volumes I, II and III.
6. Basham, A. L.—Cultural History of India.
7. Ramakrishna Mission—Cultural Heritage of India, Volume III (Old edition).
8. Max Muller—History of Ancient Sanskrit Literature.
9. Keith, A. B.—History of Sanskrit Literature.
10. Basham, A. L.—Wonder That Was India.
11. Varadachari, V.—History of the Sanskrit Literature.
12. Chaitanya Krishna—A New History of Sanskrit Literature.

(V) Ancient Indian Art and Literature

1. Dasgupta, S. N.—Fundamentals of Indian Art.
2. Smith, V. A.—History of Fine Art in India and Ceylon (revised ed.)
3. Coomarswamy, A. K.—History of Indian and Indonesian Art.
4. Rowland, B.—Art and Architecture of India.
5. Ray, N.—Maurya and Sunga Art.
6. Rapson, (ed)—Cambridge History of India, Volume I.
7. Foucher, A.—Beginnings of Buddhist Art.
8. Saraswati, S. K.—Survey of Indian Sculpture.
9. Majumdar, R. C. and Pusalkar, A. D.—History and Culture of the Indian People, Volumes II, III and V.

10. Brown, P.—Indian Architecture, Buddhist and Hindu.
11. Tomory, Edith—Introduction to the History of Fine Arts in India.
12. Bussagli, Mario and C. Sivaramamurti—5,000 years of the Art of India.
13. Sivaramamurti—Art of India.

(VI) South Indian Culture

1. Sastri, K. A. N.—History of South India.
2. Sastri, K. A. N.—Tamil Kingdoms of South India.
3. Panikkar, K. M.—Survey of Indian History.
4. Thani Nayagam, X. S.—Tamil Culture and Civilization.
5. Aiyangar, S. K.—Some Contributions of South India to Indian Culture.
6. Diskhitar, V. R. R.—Studies in Tamil Literature and History.
7. Mahalingam, T. V.—South Indian Polity.
8. Rowland, B.—Art and Architecture of India.
9. Thapar, Romila—History of India, Volume I.

(VII) Indian Archaeology

1. Dikshit, S. K.—Introduction to Archaeology.
2. Publication Division, Ministry of Information and Broadcasting, Government of India—Archaeology in India.
3. Rapport, Samuel and Wright, Helen—Archaeology.
4. Roy, Sourindranath—Story of Indian Archaeology.
5. Piggot, Stuart—Prehistoric India.
6. Majumdar, R. C. and Pusalkar, A. D.—History and Culture of the Indian People, Volume I, Vedic Age.
7. Ramkrishna Mission—Cultural Heritage of India, Volume I.
8. Wheeler, Sir Mortimer—Indus Civilization.
9. Rao, S. R.—Lothel and the Indus Civilization.
10. Sankalia, H. D.—Prehistory and Proto-history in India and Pakistan.
11. Bridget and Allchin, F. R.—Birth of Indian Civilization.

(VIII) Asian Industrialisation

1. Childe, Gordon—Man Makes Himself.
2. Childe, Gordon—What Happened in History.
3. Breasted, S. H.—Conquest of Civilization.
4. Durant, Will—Story of Civilization I, Our Orient Heritage.
5. Turner, Ralph—Great Cultural Traditions, Volume I.
6. Lucas, H. S.—Short History of Civilization.
7. Swain, J. E.—History of World Civilization.
8. Life—Epic of Man.

ISLAMIC STUDIES

Paper I—*Languages* : (to be taught in 1980-81)

Section I

Compulsory

Arabic Prose passages for translation into English carrying 40 marks from the following book prescribed :

Candidates shall have to secure at least 12 marks in this Section to pass. (Prescribed Book : “Qasas al-Nabiyeen lil-Aftal” (Part III)

Section II

Text

Candidates will have the option of choosing *one of the* following languages carrying 40 marks for translation :

1. Urdu, Prescribed text—*Mazamin-i-Intikhab-i-Shibli* Publ. Maktaba Jami'a, Delhi.
2. Persian, Prescribed text—*Gulistan-i-sa'di*, (Common ed.).
3. Turkish, Prescribed text—Evliya Chelebi, “*The Book of Travel*” entitled (in Turkish)

Candidates shall have to obtain at least 12 marks in this section to pass.

Section III

Technical and Theological Terms of Islamic Studies

Compulsory

Meanings and explanations of or annotations on *Arabic* and *Persian Terms* and *Phraseology* relating to Islamic Studies in general and more particularly occurring in all the Seven Papers to be studied.

**Islam During the Times of the Prophet Muhammad and the
First Four Caliphs**

Paper II—(to be taught in 1980-81)

A. *Al-Hijaz on the eve of the Rise of Islam :*

1. Social life of the Pagan Arabs during pre-Islamic times (al-jahiliyah)
2. *Virtues* of the desert-living :
3. *Economic Life :*
4. Religion of the pre-Islamic Arabs :

B. *Muhammad the Prophet of Allah :*

1. *Prophet's Childhood :*
2. The Call-craving after the truth, the beginning of Revelations (610).

C. *The Medinan Period :*

1. *Emigration to Medina : al-Hijrah :*
2. *Beginning of the Period :*
3. *The First Expeditions or Razzias :*
4. *The Unifying of the Arabs :*
the Farewell Pilgrimage ; the Farewell address ; the last months :
5. *The Internal Politics of Medina*
6. *The Character of the Islamic State*
7. *Reform of the Social Structure*
8. *Islam, the New Religion*
9. *Mahammad-Prophet and Statesman.*

D. *The Orthodox Caliphs :*1. *Abu Bakr Ibn Qahafa :*

- (i) Madina at the death of Prophet Muhammad ; Clash between *Ansar* and *Muhajirun* :
- (ii) The Ridda (apostasy) : false prophets suppressed ; Yamama and Bahrayn cleansed of the *ridda* :
- (iii) Character of Abu Bakr.

2. *Umar Ibn Al-Khatab :*

- (i) the period of conquests, and expansion ;
—the conquest of Syria ;
—al-Iraq and persia conquered by Sa'd bin abi-Waqqas ;
—the overthrow of the Sasanian empire, the battles of al-Qadisiya and Nihawand : Ctesiphon (al-Mada' in) put under the charge of Salman Farsi.
- (ii) Amr bin al-As's achievements in Egypt and Ifriqiya ;
- (iii) Character and Personality of Umar :

3. *Uthman Ibn Affan :*

- (i) Causes of discontent.
- (ii) Establishment of the First Muslim fleet in Egypt ;
—Establishment of the Syrian fleet by Mu awiyah.
—Egyptian rioters and groups of malcontents assassinate the ectogenarian caliph.
- (iii) *Character and achievements of the third calip :*
—Compilation of the Quran.

4. *Ali Ibn Abi Talib :*

- (i) Talha and al-Zubayr break away and join Ayisha, the Prophet's widow at Mecca :
- (ii) *The Battle of the Camel :*
- (iii) Mu ' awiyah's refusal to pay homage ;
- (iv) The battle of Siffin ;
- (v) The case of arbitration.

5. *Poetry and Culture during the Orthodox Caliphate.*

Paper III—(to be taught in 1980-81)

**Political and Cultural Progress of Islam Under (A) The Umayyads
and (B) The Abbasids****A. *The Umayyads : The Arab Kingdom and its Fall :***

1. (i) Mu'awiyah, the founder of the Umayyad dynasty.
- (ii) Abdication of al-Hasan ibn' Ali in favour of Muawiyah.
- (iii) Rival caliphate established by ' Abd-Allah ibn Zubayr in Mecca.
- (iv) Incursions into Central Asia : Conquest of Khurasan.
- (v) Egypt wrested from the 'Alids by 'Amr ibn al-As :
—Uqbah bin Nafi ' conquered Iffriqiya ;
—Uqbah—the father of Muslim Africa.
- (vi) The character and Personality of Mu'awiyah ibn Abu Sufyah.

2. *The rule of the Sufyanids :*

Yazid :

- (i) *Bay'ah* a compulsion for the Medinese Hashimites and claimants to the Caliphate.
- (ii) The rise of the opposition by the pro-Alid faction in Kufa.
- (iii) Al-Zubayr revolts, proclaims rival caliphate of Al-Hijaz.
- (iv) The Tragedy of Karbala
- (v) The Second civil war
- (vi) The character of Yazid-I.

B. *The Establishment of the Marwanid Power :*

1. Arab tribes confederacies and leagues ;
—The Banu Qays and the Banu Kalb rival hostile factions.
2. Marwan B. al-Hakam became the founder of the Marwanid branch of the Ummayad dynasty.

3. *Abd al-Malik b. Marwan* ()

- (i) The defection of al-Hijaz under the rival caliph Ibn al-Zubayr continues.
- (ii) Al-Mikhtar revolts.
- (iii) The rise of al-Hajjaj ibn Yusuf a general and statesman.
- (iv) Ibn al-Zubayr slain; Ansar's power broked for ever.
- (v) Several compaigns led by al-Hajjaj or his generals and lieutenants.

Muhallab ibn abi Sufrah ; Abd al-Rahman al-Ash-ath, Qataybah ibn Muslim, and Muhammad ibn al Qasim ;

- (vi) *Character of al-Hajjaj* : Military, cultural and educational achievements agricultural and orthographical reforms.

Character personality of Abd al-Malik : a great organiser and statesman, developed regular postal system struck gold and silver coins.

4. *Al-Walid bin Abd al-Malik* (705—715)

- (i) The zenith of the Umayyad power.
- (ii) Conquests in northern Africa and South-western Europe.
—Musa bin Nusayr subjugated North African Coast as far as the Atlantic ;
- (iii) Tariq ibn Ziyad's expedition in Spain.
—Conquest of (al-Andalusia),
- (iv) Conquests of Indian border provinces by Muhammad bin al-Qasim al-Thaqafi.
- (v) *Character and personality of al-Walid.*

5. *Sulayman* :

- (i) Yearly summer incurisions (sa'ifah) assumed importance during his reign.
- (ii) Recalled Musa bin Nusayr and Tariq, the conquerors of Spain.
- (iii) Character : Persecuted the relations and friends of the defunct-Hajjaj.

6. ' *Umer bin 'Abd-al-Aziz (II)* : (717-720)

- (i) Introduced fiscal reforms, concession to neo-Muslims of the remission of *Kharaj*.
- (ii) Under the influence of theologians ; religion and the Quran, formed the spirit of his age ; Jurists and theologians vanerated.

Character : Educated and trained in Medina, reputed for piety and integrity, remedied defects in the administration and abuses in the society.

7. *Yazid II (720-724)* A short rule of minor significance.

8. *Hisham (724-743)* :

- (i) The Islamic empire reached its greatest expansion, stretching from the shores of the Atlantic Ocean and the Pyrenees to the Indus and confines of China.
- (ii) Nasr bin Sayyar appointed first governor of Transoxiana.
Character and personality : Considered by Arab authorities as the third and the last statesman of the house of the Umayyads.

C. *The later Marwanids and the Fall of the Umayyad kingdom* :

1. *Marwan II : (744-50)*

- (i) The Partisans of 'Ali became more active; the Shi'a movement.
- (ii) The Abbasid Imam, the claimants.
- (iii) The Khurasanians support.
- (iv) Revolutionary Islam opposed the existing order;
- (v) Abu Muslim and the men of the black garment;
- (vi) Engagements with the Marwanids.
- (vii) Abu'l-Abbas proclaimed Caliph.
- (viii) The battle of the Zab, the victory of the Abbasids, Marwan II, the fugitive caliph caught and killed at Busir in Egypt.

2. *Case of the fall of the Umayyad Kingdom* :

C. *Social and Cultural Aspects of the Life under the Umayyads* :

- (i) Society : Arab Aristocracy. Neo Muslims (*Mawali*) *Dhimmis* and Slaves.
- (ii) Life of the Ruling and the aristocratic strata :
—Royal Life, Royal household :
—Cultural value of festivities ; development of poetry, music and the aesthetic side of life ; Social life in Mecca and Medina.

- (iii) *Administration* :
- (iv) *Military Organisation*.
- (v) *Intellectual aspect* :
 - Roots in Greek, Syrian and Persian cultures ;
 - ascendancy of Arabism ; Arabic literature, language and philosophy ; Arabic grammar, oratory (Khitaba)
 - Religion tradition and Canon Law .
 - History writing : Sirah, *maghazi*.
 - Education ; Science, Alchemy, Medicine.
- (vi) Art and Architecture : the mosque of al-Madina ; early mosques in the provinces. The Al-Aqsa mosque, Palaces, Desert Castles.
- (vii) Music : Tuways of al-Madina ; Ibn Surayj, Said ibn Misjah, al-Muhrij—Ma'bad, Songstresses (Qiyān) : Jamila etc.

Paper III—B. *The 'Abbaside (749-1258)*

A. *Political and Social Factors and Causes of the Collapses of the Arab Rule of the Umayyads.*

B. *The Abbasid Revolution* :

- (i) A turning point in the history of Islam.
- (ii) Achievements of the Revolution.

C. *The Abbasids in Power* :

- (i) Umayyads completely eliminated by 'Abdullah ibn al-Abbas.
 - (ii) 'Abd al-Rahman ibn Mu'awiyah I (*Al Dakhil* : 756-88) a scion of the Umayyads fled to Spain and founded an independent dynasty.
1. *Abdul Abbas al-Saffah* (great grandson of the Prophet's uncle al-Abbas ibn 'Abd al-Muttaalib).
- (i) Proclaimed Caliph at the mosque of al-Kufah (749-754)
" *Amir al-Mu'minin* "
 - (ii) Execution of Abu Salama, the *Vazier Al-i-Muhammad* :

2. *Abu Jaal-Mansur* (754-775)

- (i) Abdullah ibn' Ali, his uncle's contention to the title of the throne.
- (ii) Defeat of 'Abdullah by Abu Muslim.
- (iii) Rift between Al-Mansur and Abu Muslim, the chief architect of the dynasty ; execution of Abu Muslim (755).
- (iv) Rebellion of the followers of Abu-Muslim in Khurasan Revolts of Persian Sectariansl of the Kharijite Sectl of the Berbers in North Africa and of the Alids in Al-Madinah.
- (v) His administrative and fiscal policies his achievements in administration, finance and trade.
- (vi) Susion of the Sasanid and Byzantine concepts of Monarchical power in the mould of an Islamic theocracy.
- (vii) The rise of the vizieral power and office.
- (viii) Baghdad founded and named *Dar al-Salam*.
- (x) *Character and personality of al-Mansur*.

3. *al-Mahdi* (754-75)

- (i) His assumption of the Messianic title of *al-Mahdi*.
- (ii) His religious policyl Kharijites crushed in Khurasan.
- (iii) Persecution of the Zindiqs a spiritual or philosophic movement based on the Manichaeen doctrine.
- (iv) Instituted a special religious tribunal (*Inquisition*) headed by a Grand Inquisitor (Arif) or (*Sahib al-Zanadiqa*).
- (v) *The achievements of al-Mahdi :*
 - (a) Rufasa founded.
 - (b) The Byzantine Empresse become a tributory.
 - (c) Furtherence of industry and trade.
 - (d) Promotion of commercial relations with India.
 - (e) Luxuries of a refined court life.
 - (f) Professions of ecclesiastical law and medicine established.
- (vi) *Character and Personality of al-Mahdi*.
 - (a) Khayzuran, his consort's influence on domestic and State affairs.
 - (b) Cultural contributonal social life with a refined way of living/patronage to music and musicians like Siyat.

4. *al-Hadi* b. al-Mahdi (785-86) :

- (i) Rebellion of the 'Alid Princes and their massacre near Mecca (786).
- (ii) Uprising in Armenia.

D. *The Golden Age of the 'Abbasid Caliphate* :5. *Harun al-Rashid* (768-809) :

- (i) His career as governor of the western provinces of the Caliphate.
- (ii) *His political gestures and overtures* :
 - wars against the Byzantine Empress Irene (797-802).
' Alvids reconciled.
 - relations with the Franks and Byzantines.
- (iii) Ibrahim ibn al-Aghlab restored order amongs the Berbers of North African coastlands.
—Founder of the Aghlabid dynasty (800-909).
- (iv) Establishment of the Idrisid (Alid) Dynasty in Morecco by Idris, a great-grandson of Hasan ibn Ali, (789-926).
- (v) The Rise of the vizieral dynasty of the Barmecides. (al-Baramaka) :
 - (a) Khalid b. Bharmakl
 - (b) Yahya b. Khalid.
 - (c) Fadi b. Yaha, and
 - (d) Jafar b. Yahya.
- (vi) *The Glory of the Barmecides* :
 - (a) Their achievements in the State administration ; fiscal policy ; mustaghallat ; statesmanship.
 - (b) Their patronage to learning and literature.
 - (c) Their contribution to Culture : art and architecture etc.

(vii) The Glory that was Baghdad :

- (a) Constellation of talents in the fields of poetry and music, philosophy, jurisprudence and historical research.
- (b) General prosperity enjoyed by all branches of production and commerce.
- (c) Religious teachings; patronage to 'ulama and scholars etc.

*(viii) Character and Personality of Harun al-Rashid : a legendary personality of universal fame.**(ix) Notable personalities of his reign :*

- (a) Zubaydah ; Abbasal Uliyyah.
- (b) Abu Newas ; Ja'far Barmaki ; Fadi Barmaki etc.

6. *Al-Amin (809-813)*

- (i) The Fratricidal Wars between al-Amin the reigning Caliph and his brother al-Ma'mun.
- (ii) The military services rendered by Tahir ibn al-Husayn and Harthana ibn A'yan to the cause of al-Mamun.
- (iii) al-Amin killed by Tahir's soldiers.
- (iv) *Character of al-Amin :*
—his sensual indulgence.
—his luxurious living.

7. *Abu-Abbas ' Abdullah al-Mamun (813-833) :*

- (i) His career as governor of the eastern half of the Caliphate with Merv (Khursasan) as his base (813-819).
- (ii) Instruction in al-kufah by the Alids, the old antagonists of ruling dynasty crushed by Harthama ibn A'yan.
- (iii) Al-Maimun's attempts to gain popular sympathy; his gestures for soliciting the support of the populace ; marriage of his daughter to the ' Alid, Ali ibn Musa al-Rida designated as heir-apparent.
- (iv) Refusal of Baghdadians' allegiance to ' Ali al-Rida ; their proclamation of the calliphate of his uncle Ibrahim Ibn Mahdi.
- (v) Ibrahim b, al-Mahdi, in Baghdad (817-819).
- (vi) Revolt in Baghdad, the siege of Baghdad ; entry of al-Mamun into Baghdad.
- (vii) Persian aristocratic and regional aspirations stirred up.

- (viii) Establishment of the Tahirid Dynasty in Khurasan (Nishapur).
- (ix) Rebellion and seditious movements stirred up in Aleppo by a former adherent of al-Amin.
- (x) Disturbances among Copts and Arab factions in Egypt.
- (xi) War with Byzantines.
- (xii) Shi ' te resings, heretical movements.
- (xiii) *Achievements of al-Ma'mun : His Contribution to Culture and Society :*
 - (a) *Foundation of the Dar-al-Hima :*
 - (b) *The Intellectual Awakening : Theological heresies: Mu tazilism assumed significant importance as a state religion.*
 - (c) *Ahmed bin Hansal's conflict with the official theology accused of heresey and imprisonment ;*
- (xiv) *Character and Personality of al-Ma'mun :*
 - his patronage to arts and learning etc. his interest in refined culture, poetry philosophy and scientific studies ;
 - contributions to the splendid development of the artistic and intellectual life.

8. *Al-Mu'tasim-Billah (833-42) :*

- (i) Establishment of a standing army of Turkish mercenaries.
- (ii) Samarfa founded.
- (iii) The rebellion of Baba, its suppression by Haydar al-Afshin (837).
- (iv) Expedition against the immigrant Indian Zut (Zott).
- (v) Destruction of Zebetra by the Byzantine Emperor Theophiluse (829-42)
- (vi) Destruction of ' Annuriyah (Amiraoh) by the Caliph (838).
- (vii) Character and Personality of Mu'tasim.
- (viii) The End of Greatness :

9. *al-Wathiq—B'illah : (842-47) :*

- (i) Character and Personality of al-Wathiq : a patron of scholars and savants ; his interest in philosophy and in the development of nature natural history and medicine, music and poetry.

10. *al-Mutawakkil* (847-61) :

- (i) *His divine titles 'Zill-Allah Iala al-ard :*
- (ii) Re-establishment of the orthodox funnite creed ; persecution of the Mu'tazilites ;
- (iii) His anti-Shi'a policy.
- (iv) A period of peace and Prosperity.
- (v) The rise of the Turkish *corps de'elite* at Samarra.
- (vi) Clash between the Baghdad and Samarra powers.
- (vii) Character and Personality of al-Mutawaakil :
—his luxurious harem life, slavegirls, etc.
- (viii) Assassination at the instigation of his son.

VI. *The Decline of the Abbasid-Caliphate :*11. *al-Muntasir* (861-62) :

- (i) Acclaimed Caliph at Samarra by the powerful Turkish military commanders.
- (ii) al-Mu'tazz, his brother thrown into prison.
- (iii) Murder of Muntasir.

12. *al-Musta'in* : (862-66) :

- (i) A Grandson of Mu'tasim.
- (ii) Riots in Samarra and Baghdad ; split among the Turkish generals.
- (iii) The siege of Baghdad by the main body of the mercenaries from Samarra.
- (iv) The escape from Samarra and refuge in Baghdad.
- (v) Musta' in murdered by order al al-Mu ' tazz, the Samarra Caliph.

13. *Al-Mu'tazz* (866-69) :

- (i) A puppet in the hands of the Turkish commanders, service Caliph.
- (ii) Riot of Turkish troops in samarra demanding arrears of pay and ration.
- (iii) Abidication and his subsequent murder by the Turkish troops.
- (iv) Appointment of Ahmad ibn Tulun as governor of Egypt (868).

14. *al-Muhtadi ibn al-Wathiq* (869-70) :

- (i) Proclamation of the Caliph.
- (ii) Restoration of financial situation.
- (iii) Murder of the gallant Muhtadi.

15. *al-Mu ' tamid* (870-92) :

- (i) A nonentity Caliph.
- (ii) The Zanj reign of terror (870-880) from southern Iraq as far as Wasit ; capture of Basrah by the Zanj of al-Mukhtarah.

Paper IV—*History of Islamic Culture in (A) Egypt, (B) Spain and Southern Europe* : (to be taught in 1980-81)1. *Egypt and Syria* :I. *The Tulunids* : 868-905 :

- (i) Ahmed ibn Tulun, founder of the first local dynasty (daula) in Egypt and Syria.

II. *Cultural Contributions of the Tulunids* :

- (i) Public works : Irrigation.
- (ii) Egypt famed as a centre of art and as a seat of splendid court.

2. *The Ikhshidids (Egypt and Syria) (935-69)* :I. *A Turkish Dynasty* :

- (i) Abu'l-Misk Kafur,
—the greatest poet of the age al-Mutanabbi.

3. *The Hamdanids of al-Jazira and Syria* : (905-1004).I. (i) *Mosul Branch* :

- (ii) *Aleppo Branch* :
- (iii) Power seized by the slave general Lu'lu ', and then conquest by the Fatimids.

II. (i) *Descendants of the Arab tribe Taghilib.*

- (ii) Sayf al-daula's munificent patronage to learning.
—al-Farabi,
—al-Isbahani.

4. *The Fatimids :*

I. (i) *Ubaydallah al-Mahdi* (909)

(ii) *Al-Qa'im* (934-46)

—Scily occupied ;

—Naval operations undertaken against the Byzantines.

(iii) *Al-Mansur* (946-53)

(iv) *Al-Mu'izz* (953-75)

(v) Jawahar built the great mosque called al-Azhar in 972 (made an academy by the Caliph Al-Aziz)

(vi) *Abu-Mnnsur Nizar al-Aziz* (975-96) :

—the Fatimid power at its height.

—Character and personality of al-Aziz.

III. *The Decadence and decline of the Fatimid power :*

(i) *al-Hakim* : (996-1021.)

(ii) The rise of the vizirs "*malik*".

(iii) *al-Zahir* (1021-1036)

(iv) *Ma'add al-Muntasir* (036-94) :

—the Fatimid power reached its zenith.

—the appearance of the first Crusade.

—Sicity subdured by the Normans.

(vi) *The Fall* :

al-Musta ' li (104-1101) :

al-Amir (1101-30).

IV. *The Fatimid-Isma ' ili's contribution to Islamic Culture.*

I. (i) The influence of Persian Culture on the Arabicized Copts.

(ii) *High life* :

(iii) *Administration* :

II. *Religious movements* :

III. *Economics prosperity.*

IV. *Scientific and Literary progress* :

V. *Art and Architecture* :

(i) *The Al-Azhar* ; the Ibn Tulum Mosque al-Aqmar mosque (1125)

(ii) *Decorative and Industrial arts* :

6. *Crusades and Latin States :*I. *The Seljuqs of Syria : (1078-1117.)*

- (i) Tutush Ibn Alp-Arsalan, founder of the Syrian dynasty of the Seljuqs.

II. *Crusades :*

- (i) Causation :
- (ii) *Period of conquests :*
 - (a) Atabeg Zangi of al-Mawsil.
 - (b) Salah al-Din his conquests ;
 - (c) Memluks of Egypt (1291).

III. *Cultural Contacts with the West, Latin States and the Mediterranean Cities :*7. I. *The Zangid Dynasty in Northern Syria and Iraq ; 1127-1146.*

- (i) Imam al-Din Zangi, the founder of the dynasty 1127-1146.
- (ii) Eight Rulers upto 1222.
- (iii) Power seized by the Vizier Badr al-Din Lu'lu.

II. (i) *Atabeg Zangi : his earlier life.*

- (ii) *Division of the State between :*
 - (a) Sayf al-Din Ghazi in Al-jazira ; and (b).

II. *Nur al-Din Mahmud b. Zangi (1146-74), Ruler of Syria, capital Aleppo.*

- (i) *Defender of Islam against the crusaders.*

III. *Character and Personality of Nur al-Din Zangi :*8. *The Ayyubids :*A-I. *Cultural Contributions of the Zangids and the the Ayyubids :*9. *The Mamluks : Last Medieval Dynasty of Arab World :*

Egypt Syria 1250-1517.

*Intellectual and Artistic Activities under the Mamluks :*10. I. *Sicily as a Medium of Transmitting Islamic Culture to Europe :*

- (i) *Conquest of Sicily (Sr. Sidilyah)*
- (ii) *Early raids, piracy and privateering into Sicily, Corsica and Sardinia.*
- (iii) *The establishment of the powerful Aghlabid State of al-Qayrawan (Ifriqiyya, Algria, Sicily : 800-909).*

II. *The Sicilian Amirate :*

- (i) The Sicilian domain became a part of the Fatimid caliphate (909).
- (ii) Ahmad ibn Qurhub (912-16) asserted his independence.
- (iii) The Kalbite amirs held way in the name of the Fatimids.
- (iv) abu 'al-Futuh Yusuf ibn Abdallah (989-98), a descendant of al-Hasan the most distinguished amir of Sicily.
- (v) Sicily under the Normans : the affoorescene of Christain— Islamic culture. (i) Reger I (1101), al-Idrisi under Reger II —Frederick II (1215-50) a semi-Oriental Kind.
- (vi) *Sicily's place* in transmitting thout via Italy.

B—Spain (Al-Andalus)

1. *Spain on the eve of the Muslim Conquest :*

- (i) Social, Religious, Economics and Political conditions.
- (ii) The call of the Minaret in the West (Maghrib) : the establishment of Arab rule in the Maghrib abd Spainl the conquest of Egypt and peneteration into the Maghrib by Amir b. Asi.
—Uqba bin Nafi led an Arab army into the Mathrib :
—Foundation of Qairawan in Tunisia ; Tunisia a military base and centre for spreading Islam among the Berbars.
- (iii) The town of Tunis founded, a base of the Arab fleet.
- (iv) Musa b. Nusary overran the heathen part of the Maghrib ;
- (v) The conquest a phase of Arab expansionl end of the advance. The battle of Tours (732) and the battle of Poitiers.

2. *The Independant Umayyad Caliphate : the establishment of the Empire :*

- (i) *Abd al-Rahman al-Dakhil* (756-88) :
An adventurer a great military organiser ; builder construc- tion of Munity al-Rusafa : a match to hrlemagne ; founded the Great Mosque of *Qurtubah*.
- (ii) *Hisham I* (788-996)
- (iii) *al-Hakam I* (796-822).
- (iv) A great upholder of the Malikite rites.
- (v) Abd al-Rahman II (822-852) Surnamed al-Awsat.

3. *The Crisis of the Emirate :*

- (i) Beginning of the independant and semi-independant states in the Marches ; Ibn Hafsun.

4. *Al-Andalusia at its zenith :*

- I. ' *Abd al-Rahman al-Nasir II* (912-961) :
 - (i) al-Zahra, the most glorious court in all Europe.
 - (ii) His cultural achievements ; encouragement of cultural activities.
 - (iii) Economics basis of the prosperity.
 - (iv) The assumption of the title of " *Caliph* ".
- II. *Al-Hakam II al-Muntasir bi'llah* : (961-976) :
 - (i) His cultural activities ; interest in scholarship ;
—establishment of a caliphal library ; a great bibliophile ;
—influence of the Jurists.

5. *The Collapse of Arab Rule : Petty States : Fall of Granada :*

- I. The Amirid dictatorship and the Breakdown.
 - (i) *Chamberlains* (Hajibs)
 - (ii) Collapse of the Umayyad power :
 - (iii) The Umayyad Cliphate abolished for ever. (1031).

6. *The Berber Empires :*

- I. *The Almoravids (al-Murabitun)* : (1056-1147).
- II. *Social and Religious conditions under the Almoravids :*
- III. Cultural achievements of the Dynasty : Architectural monuments of al-Mansur in Morocco and Spain : the Giralds tower in Seville-their capital in 1170.
Rabit al-Fath hospital.

9. I. *The Nasrids of Ban'l-Ahmar of Granada* : 1230-1492 :

- (i) Muhammad ibn Yusuf Nasr. commonly known as Ibn al-Ahmar.
- (ii) Al-Hamra (Alhambra) ; the red (fortress) : a splendid artichetural monument al-Andalus, built by Muhammad al-Ghalib.
- (iii) Granada remained for two and a half centuries under twenty eight rulers.
—a centre of Muslim civilization, culture and Islamic
—learning.
—Their patronage of art and learning attracted many scholars.

—The Historian Ibn Khaldun served as a diplomatic for Muhammad VI (1360).

—Lisan al-Din Ibn al-Khatib, a Vizier, author of a history of Granada.

II. *The Last days of Granada ; Sultans :*

“ The last sign of the Moor ”.

10. *Some Aspects of The Socio-Religious and Cultural History of-Muslim Spain*

I. (1) *Society :*

The Economic basis.

(2) The Rulling Institution.

(3) Social and Religious Movement :

Arabization of the country.

(4) *Intellectual Contributions :* Culture :

(i) *Language and Literature :*

—continuation of Arab culture of the heartland.

—Growth of Arab culture, Islamic learning, thought and feeling.

(ii) Social changes brought about by the Muslim rule ;

—Prosperity displayed in grand places, mansions, Luxurious. furniture, carnamented gardens :

Introduction of canons of taste for the smart set in living by Ziryab : the great musician, connoisseur of art, and aesthete.

(iii) Life in the Royal Harem :

(iv) Education, Libraries, University of Granada founded by Nasrid, Calip Yusuf abu'l-Hajjaj ; the University of Cordoba founded by Abd al-Rahman III, academics in principle town of Seville, Malaga, Valencia and Al-meria.

The Royal library founded by Abd al-Rahman II.

II. (a) Prose (b) Poetry, (c) Belles-letters, (d) Historiography (e) Geography, (f) Travels, (g) Astronomy, (h) Mathematics, (i) Botany, (j) Medicine, (k) Philosophy, and (l) Translation.

I. (a) Prose : Linguistics science including philosophy, grammar and lexicography.

(i) History :

Khalaf (987-1076) of Cordova : al-Andalus.

al-Ihatal fi-Tazikh-i-Charonetab.

Ibn Khaldun (1332-1406) : Kitabal-Ibar wa-Diwan,
Kitabal-Ibar Wa-Diwan Muftada wa'l-Khaban Fi-Ayyam
al-Arab, Wa'l-Ajam Wa'l Berber, Wa'l mamalik.

(ii) Art and Architecture :

The Cordova Mosque ; Madinat al-Zahra ; Al-Hamraj ;
Giralda etc.

(iii) Campaigns against the Zanj.

(iv) Annexation of Syria to Egypt by the Tulunids (878) ;
death of Ahmad ibn Tulun (884).

(v) Samarra abandoned, the court moved to Baghdad.

(vi) Death of the feeble Caliph.

16. *al-Mu'tadid* (892-902) :

(i) A strong Caliph.

(ii) Restoration of the prestige of the Caliphate.

(iii) Rise of the Qarmatians.

(iv) Threat of the sectaries to Basrah, Syria ; capture of
Damascus, Hims Hama and Ba'albak.

17. *al-Muktafi* (902-908)

(i) Defeat of the Qarmatians at Hama (Syria) by the Tulunids.

(ii) Reconquest of Egypt and Syria by the Caliph (905).

(iii) End of the military dictatorship of the Tulunid dynasty.
Qarmatians, massacre of the pilgrims (907).

(iv) Character and Personality of the Caliph.

(v) The Dissolution of the Abbasid Caliphate.

18. *(i)* Rise of the Amir al-Umara Commander-in-Chief.

(ii) March of Munis on Baghdad.

(iii) Murder of the Caliph (932).

(iv) Character of the Caliph.

(v) Dissolution of the Empire.

19. *al-Qahir* (932-934)
 (i) Blinded and deposed by the Turkish mercenaries.
20. *al-Radi* (934-940)
 (i) Recognition of the Buwayhid Prince.
 (ii) The Career of the Vizier Ibn-Muqla.
 (iii) Character of Al-Radi.
21. *al-Mutaqqi* (940-44)
 (i) Character and Personality of al-Radi.
 (ii) The Daylamite or Buyahid Tutelage.
22. *al-Mustakfi* (944-46).
 (i) Occupation of the city of Baghdad by Ahmad ibn Buwayh of Shiriz (945) ; beginning of the Buwayhid tutelage of the Abbasids lasting for 110 years.
 (ii) Later Caliphs reduced to the status of puppets.
23. *al-Muti* (946-74) :
 (i) al-Muti's mother.
24. *al-Ta'i* (974-991) :
 (i) Further fragmentation of the Buwayhid dominions.
 (ii) Decline of Baghdad, dominated by Turkish military adventures.
 (iii) Character of the Caliph.

IX. Fleeting Shadows of Later Abbasid Caliphs :

25. *al-Musta'sim* (1242-58) :
 (i) The Mongol sack of Baghdad.
 (ii) The Baghdad caliphate extinguished.
- XIV. Society and Culture under the Abbaside :**
 (i) Social Order : and Social Life.
 (ii) Life in the Royal Harem.
 (iii) Notable Women of the age.
 (iv) The Baghdad Society : Music and Musicians dancers, street singers.
 (v) Notable Viziers and Officials of the age :

- (vi) *Administration* :
 - (a) Diwans (ministries); Organisation of the State.
 - (b) Judicial administration.
 - (c) Provincial administration.
 - (d) Military administration ; the Turkish Mercenaries.
- (vii) *Religious Milieu of the Abbasid Era* :
 - (a) The Law Schools
 - (b) The Mu'tazillites.
 - (c) The Asharites.
- (viii) *Characteristics of the State Organisation.*
- (ix) *Economics Changes and Economic condition.*
- (x) *The Efflorescence of Culture* :
 - (a) Intellectual Awakening.
 - (b) Material Culture : Art, Painting, Architecture.
 - (c) Literature.
 - (i) Arabic Language and learning.
 - (ii) The Shu'ubiyya movement.
 - (iii) Philosophy.
 - (iv) Poetry and Prose, Magama-writing; Adab etc.
 - (v) Historians.
 - (vi) Belles-letter.
 - (vii) Geographical works and Travelogouse.
 - (viii) Qur'anic Literature : Exegesists :
 - (d) *Science* : Astronomy : the family of Naubakhtis ;
 Mathematics ; Medicine ; Philosophy ; Chemistry ;
 Physics ; Natural history. The Ikhwan al-Safa.

3. *Ottoman Society. Rulling Institutions and Culture* :

I. *The Rulling Class (Osmanililar)*

- (i) Askeri or Military organisation : the Janissaries (Yeni Cera)—Navy.
- (ii) The Central Administration : Kalemiye, Maliye, Himeyan etc.

II. *The Palace Institution* :

III. Economic and Social Life :

- (i) The Ottoman Empire and International trade.
- (ii) The guilds and merchants.

IV. *Religion and Culture* :

- (i) Learning, the 'Ulema and the learned institution (ilmiye).
- (ii) Ottoman scholarship.
- (iii) The Legal System (Kanun and shariat ; kadis, mollahs and muftis, Shyakh-ul-Islam.

V. (i) Ottoman literature of the classical period, Arabic language and culture.

(ii) Turkish language and literature : Divan literature ; Divan Poets.

(iii) Ottoman historiography.

(iv) Popular culture and the Tarikas (Mystic Orders)

Mawlawiyya ; Bakta-shiyya ; khalwatiyya and the Magsh-bandiyya associations dervishes of Bektashi silsileh and the Jannissaries, guilds and chelebis.

VI. *Art and Architecture* :

(i) The Age of Sinan.

(ii) Intimations of Rococo.

(iii) Painting : Portraiture, Sinan-Bey ; Miniature-painting ; Tughra-drawing.

(iv) Pottery and wares ; Iznik style.

Paper V—(to be taught in 1981-82)

**History of Islamic Culture in (A) Iran and Central Asia, Including
(B) Caucasus, Caspian Constlands and (C) Asia Minor
(Ottoman Anatolia)**

A. (1) *Sasanian Iran on the eve of the Arab Conquest.*

(2) *Arab Conquests in Iran and Central Asia.*

(3) *Weakening of the " Abbasid Caliphate and the Rise of National DYNASTICS in the Eastern lands of the Caliphate :*

The Tahirids (821-873) - : (Khurasan).

- I. Tahir I b. al-Husayn (Dhu'l Yaminayn) : (821-22)
 - (i) The support of the family to the anti-Umayyad dalva of Abu Muslim, and to the new regime.
 - (ii) Tahir appointed military governor of al-Jazira, Syria, later acquired governship of all the caliphal lands east of ' Iraq.

II. *Talha* (822-28) :

- (i) Kharijite movement centred on Sistan led by Hamza b. Adhrak ; its dissolving effect on the whole fabric of caliphal authority.

III. ' *Abdallah b. Tahir* (828-845) :

- (i) The greatest of the Tahirid dynasty.

IV. *The Cultural Achievements of the First National Dynasty of Iran* :

- (i) Commerce and industry ; traffic from Central Assian Steppes in Turkish slaves ; economic prosperity of Transoxiana and Khursan.
- (ii) Patronage to : Arabic language and literature, and Music, Mansur Ibnal-Rumi, 'Ali b. Jahm, ' Ubaydullah b. Abdallah.
- (iii) Beginning of Persian versel Hanzala of Badghis.
- (iv) Fusion of Arab and Iranian society into an Islamic Society.
- (v) The ' Rule of englishtened absolutism '. unholders of Sunni orthodoxy, growth of local patriotism (' assabiya).

4. *The Samanids* (819-1005) : (*Khurasan and Mayra ' l-nhr*).

- I. The political perspective.
- II. Ahmad b. Asad I. (819)
- III. Nasr I b. Ahmad (864).
- IV. Ismail I. B. Ahmad :
 - (i) The Golden Age of the Samanid Rule.
 - (ii) A galaxy of learned and literary men flourished through his patronage.
- V. *The Foundations Stones of the Samanid Emirate* :
 - (i) Bases of Economic Stability :
 - (ii) Social Structure.
 - (iii) Intellectual Aspect of the Period.
 - (iv) Political Organisation.
 - (v) Causes of the Fall.

5. *The Saffarids (867-c. 1495) : (Sistan) :*

- I. Foundation of the rule : an epitome of local patriotism.
- II. Ya'qub b. Layth as-Saffar (867-79).
- III. Amr b. Layth (879-901) :
 - (i) Their early adventures : association with the Kharijites and the Ayyars.
 - (ii) and the First Iranian dynasty to challenge the caliphal authority representing the National interests and aspirations of the plebian of Sistan.
 - (iii) Consolidation of the empire under ' Amr b. Layth.
- IV. *The Contributions of the Saffarids to :*
 - (i) The Military Organisation and System.
 - (ii) Culture : Renaissance of New Persian Literature ; Patronage to poetry.
 - (iii) The Administration.
 - (iv) The birth of Irano-Islamic Culture and feelings.
- V. The Saffarids survived successive waves of conquests in Sistan until 1480.
- VI. *Khalif b. Ahmad (Wali-al-Dawla) (963).*
A munificent patron of learning.
- III. *The Buyyid Dynasty of Baghdad (946-1055) :*
 - (i) Amir al-Umara adab-ud-Daullah Fana-Khusraw (949-983)
—Early conquests ; wars against Uman, occupation of Jazira, Baghdad.
—United under himself all the Buyid possessions in Iraq, —southern Persia and Uman.
—Estimate of Adad-ud-Daula : Charity, Patronage ; building activities restoration of the irrigation system of Baghdad.
- IV. *The Decline of the Empire*
 - (i) The Patrimonial conception of power resulted into political Fragmentation.
 - (ii) *The Rise of the Ghaznavids*
 - (iii) Baghdad occupid by the Seljuqu Teghril (1055).

V. *Society and Culture under the Buwayhids*

- (i) The Revival of Iranian Kingship under the Buyids.
- (ii) Religion (a) Shi' is of the moderate Twelver (Ithna-Ashariyya) persuasion; traditional Shi'i Festivals 'Ashura and Id al-Ghadir were introduced; (b) Systematization and Intellectualisation of Shi'i theology.
- (iii) Hostility with their political rival, the Ismaili Sh'ia' Fatimids.

VI. *Cultural Contributions*

VII. The Religious background of the Rise and Fall of the Buwayhids

- (a) Rise of Zaidi Imams of Tabaristan, and the rise of the Daylamites.
- (b) Introduction of the cursing of the Sahaba.
- (c) The Revival of orthodoxy by the Caliphs of Baghdad and Sunni resentment and riots.

3. *The Emergence of the Turks and Minar Dynasties* :

- I. The Turkish slave trade.
- II. The Ascendancy of the Turkish caste, aristocracy and the Slave-guard.
- III. The Rise from the Samanid ruins of the major dynasties :

4. *The Qarakhanids* : (992-1211) Transoxiana and eastern Turkestan :

- (i) The Western Khante of Transoxiana (Mavara al-Nahr).
- (ii) Their only contribution to Islamic History : The Advent of the Chuzz tribe during internecine warfare, which paved the way for the orthodox Sunni Seljuq Invasion.

5. I. *Ma'munids of Gurganj* : 995-1017 :

- (i) Qutayba b. Muslim, the Arab Governor of Khurasan invaded Kharazm in 712.
- (ii) Economic and political importance of Gurganj being the major city as the terminus for the caravan trade.
- (iii) The rise of the local family of the Ma'munids.
- (iv) Chaznavid conquest of Khwarazm.

- II. Their Cultural contributions : (a) The great scholar and philosopher Ibn Sina (Avicenna) and, the literature The alibi flourished under their patronage.

6. *Khwarazm Shahiyan 995-1017* :

- (i) Originally as governors for the Saljuqa, latterly as,
- (ii) Independent Rulers (Khwarazshahiyan) in Central Asia.
- (iii) *Atsiz, Ala-al-Din* (1127-1156) Independent ruler, the archenemy of Sanjar.
- (iv) '*Ala al-Din Tekish*, (1172-1200) Supported by the pagan Qara-Khitay.
- (v) Ala-al-Din Muhammad, (1200-1220) : Wrested Khurasan from Ghurids of Firuzkuh and Ghazna.

7. I. *The Origin of the Ghaznavid Empire* :

- (i) The samanid background.
- (ii) The establishment of Sebuktigin in Ghazna : 977-997.
- (iii) The Succession of Mahmud Yamin al-Daula, 998-1030.

II. *Sultan Mahmud Ghaznavi (Al-Ghazi)* :

- (i) The most powerful ruler of the dynasty.
- (ii) Achieved a reputation throughout the Islamic world as hammer of the infidels ; champion of orthodox inconoclastic Islam.
- (iii) His incursions into India ; annexed Khwarazm, seized Hamadan and Ray from the Buyids (1029). His empire the most extensive and imposing edifice known since the heyday of the early ' Abbasid.
- (iv) Calipthe. His Military machinery the most effective army of its age.
- (v) *His character and Personality* :
 - (a) He is credited with being the first in Islam to be designated Sultan.
 - (b) Founded magnificent buildings, endowed a large academy and made his capital ghazna the chief resot of poets and savants.
 - (c) *Notable Personalities at his court* : Arab Historian al-Utbi (1036) the celebrated scientific and historical author al-Birunil the illustrated Persian poet Firdausi, his *magnum opus* being the *Shah-nama* : Farrukhi of Sistan, Unsuni.

III. Shihab Al-Davlah Mas'ud. I. 1031-1041.

Patronage to historians like Bayhaqi, Man'chichri Damghani and other.

IV. *The Struggle with The Turkhmans and Downfall of the Ghaznavid Power in Khurasan :*

- (i) The devastation of Khurasan by the Turocomans.
- (ii) The Seljuq occupation of Nishapur (1038-9).
- (iii) Khursan and Khwaram were lost to the Selijuqs.
- (iv) The Ghaznavid Empire reduced to western Afghanistan.
- (v) The sack of Ghazna by the ' World-Incediary, the Ghurid (Al-al-in Jahan-suz (1150-1).

V. The Social Structure :

8. *The Great Seljuqs, 1038-1195. Iraq and Persia.*

I. The Coming of the Seljuqs.

II. The Rise of the Great Seljuqs (Iraq and Persia), (1038-1194)

1. Rukh al-Dunya wa'l-Din Toghril, (1038-1063) the founder of Empire.
 - (i) Toghril Beg entered Baghdad (1055) end of the Buwayhid tutelage.
 - (ii) The Caliph al-Qaim (1031-1075) conferred on the deliverer the title of *al-Sultan*.

III. 2. *Seljuq power at its Zenith :*

- (i) The Reigns of :
 - ' Adud-al-Daula Alp-Arslan, 1063-1072.
 - Jalal al-Daula Malik-Shah I, 1072-1092.
- (ii) The most brilliant period of Seljuq ascendancy over the Muslim East.
- (iii) Sulayman ibn Qutalimish (1077), a cousin of Alp Arsalan established the Sultanate of the Rum Seljuqs in Iconium-(1077-1307).
- (iv) The Seljuq Dynasty of Syria (Aleppo and Damascus) founded by Taj al-Daula Trtuish (1078-1117).

IV. *Malik Shah I :*

- (i) Seljuq power reached its meridian : his domain extended from Kashghar to Jerusalem, from constantinople to the Caspian sea.

- (ii) A great builder of roads, mosques, caravanserais for pilgrims dug canals, sanitary measures introduced into Baghdad.
- (iii) Nizam al-mulk (d.1092) in illustrious vizier; one of the ornaments of the political history of Islam.
- (iv) Civil wars among the sons of Malik Shahl Turkan Khatunl the main political character.

V. *The Decline of the Seljuqs Empire : Causes :*

VI. *The Rise of the Atabeg dynasties :*

V. Political and Cultural Legacies of the Seljuq Period.

- (a) The Ismailji Da'va :
- (b) Intellectual Legacies of the period :
- (c) Iranian Writers of Arabic (1000-1200 A.D.)
- (d) The Rulling Institution.

The Mongols : 1206 Onwards :

- I. *The Chaghatayids : descendants of Chaghavtay : 1227-1370 : Transoxiana, Semirechye and eastern Turkestan.*
- II. *The Cultural horizon of the period in Central Asia :*
- III. Khanids : descendants of Wubilay's brother Hulegu (1256-1353).
 - I. Hulegu (Hulagu, (1256-65).
 - II. Mahmud Ghazan (1295-1304).
 - III. *Abu Sa'id* (1317-1335).
 - IV. Internal strifes, succession of ephemeral Khans : 1338-1353.
 - V. *Distingration of the Empire : Persia After the Mongols*
 - VI. *Culture and Society under the II-Khandis :*
 - V. Intellectual streamlines :
 - VI. Architecture Emergence of distinctive style of II-Khanid Architecture Ghazaniyya; Rub-i-Rashid built by Rashid al-Din Fadi-Allah; Sultaniyya founded by Muhammad Khudabandah Olijeyte (1304-1317).
 - VII. Art (a) The art of Illustration of Manuscripts birth of a new and distinctive style (b) miniatures of Tabriz School and Mragha School (c) The reign of Abu Said witnessed the birth of true style of Persian Painting. (d) Rashidiyya school of painting.

12. *The Timurids : The Last Great Islamic Dynasty of Steppe Origin :*

1370-1506 (transoxiana and Persia) :

I. (1) Timur (Temur) (1370-1405) :

- (i) Incapacity of Chaghatayid Mongols of Tughluq-Temur (1348-62)—rise of Timur (Amir-i-Sahib-Qirah).
- (ii) His compaigns in Khwarzm and Khurasan, capture of Herat of the Karts, Conquest of Persia, Five Years' War beginning 1395.
- (iii) The Muzaffarid (1314-393) of Fars destroyed.
- (iv) Timur's Indian campaign, sack of Delhi of the Tughluqs (1398).
- (v) The shattering defeat of the Ottoman Bayezit I at Ankara (1402-3), Bursa and Izmir sacked.

II. *Division of His Territories Amongst Him Sons and Grandsons :*

- (1) Jalal al-Din Miranshah : Ruler in western Persia and Iraq after Timur's death.
- (2) Shah Rukh (at first in Khurasan only) 1404-1447 : (later in Transexiana)
- (3) Ulugh-beg : (1447) a scholar Prince; his interest in astronomy; build an observatory.

III. *Penaissance of Persian Culture.*IV. *Cultural and Literary Life Under the Timuid Princes*13. *Persia and Central Asia After the Timurids.*14. *The Shayabnids* Descendants of Jochi (1500-98) transoxiana.15. *The Safavids* (1501-1732) *Persia :*1. *Shah Abbas The Great* (1588-1629) :

- (i) The most brilliant period of the Safavid era.
- (ii) Creation of the artillery corps.
- (iii) Change of the system of government from a theocracy to one of absolute government.
- (iv) Diplomatic relations with Europe ; growth of commercial and cultural contacts.

II. *Causes of the Decline of the Safavid Power :*

III. Cultural Achievements of the Safvids :

(i) Architecture : Visual and Decorative art.

(a) Isfahan adorned with splendid buildings ; a pearl of Islamic cities.

(ii) Persian carpets.

(iii) Persian miniature painting.

VI. *System of Administration Under The Safavid Rule :*

V. *Literature.*

2. *Cultural History of the Ottoman (Osmanli) Empire in Anatolia, and Balgains : 1280-1808 :*

I. Rise of the Ottoman Empire 1280-1566.

(i) Ottoman Origins and the Age of the Ghaziz.

(iii) Orkan 1324-1360.

(iv) Murat I—1360-1389.

II. *Ottoman Institutions and Society in the Fifteenth Century :*

(i) The Structure of Ottoman Government and Administration.
—the administration and the army based on the tribal system.

—the position of the tribal chief bey in the tribal type organisation his secular and religious powers.

(ii) *Religious Institutions* : Sunni Orthodox the state religion : Orthodox hierarchy managed the legal institutions, Seriate mosques, medressas etc.

(iii) The Byzantine traditions inherited infiscal administration, ceremonials, fiers Central administrative practices.

(iv) Ottoman Society in the Fourteenth Century Economics and social life traditional Islamic policy of tolerance, dervishes, gulams.

III. Collapse of the first ottoman Empire : Bayezit I (1389-1402) and Interregnum (1402-1413).

(i) Bayezit I yildirim (1389) : his campaigns in Anatolia, and Europe.

(ii) The rise of Tamerlane.

- VI. (i) Mehmet I, 1413-1420 : the most powerful monarch of his age.
- (ii) Marat II, 1421-1451 : One of the great Ottoman sultans : the founder of Ottoman power in Europe and Asia.
- V. *The Apogee of Ottoman Power, 1451-1566 :*
- (i) Mehmet II, Fatih 1444-1451.
- (ii) The Conquest of Constantinople (‘‘ th Red Apple ’’ Kizil Elma).
- (iii) Organisation of the Empire.
- (a) Legislation and the Legal System; codification of Kanunname.
- VI. Consolidation of the Empire : Bayezit II, 1481-1512.
- VII. The Reign of Selim I, Yavuz (‘ the Grim ’) 1512-1520.
- (i) War with the Saravids of Iran.
- VIII. Suleyman I the Magnificent, 1520-1566.
- (i) The peak of Ottoman Grandeur.
- (ii) Internal Reforms.
- IX. Ibrahim Pasha the Grand Vizier, his execution and the beginnings of the Sultanate of the Harem Women.
- X. The Decline of the Ottoman Empire : 1566-1683.
- XI. The Reign of Selim the Sot : 1566-1574 : (Sari Selim, Sarkhosh Selim)
- XII. Murat III, 1574-1595.
- XIII The Reign of Patricide, Teror and the Years of the Cage (Kages):
- XIV Rejuvenation under Murat IV, 1623-1640.
- XV Resumption of Decline, 1610-1656.
- XVI The New Age of the Decline and Traditional Reforms 1683-1808 (military).
- XVII The Turning point in ottoma Reform : The new order of Selim III, 1789-1807.

Paper VI— (to be taught in 1981-82).

Islamic Culture in the Indian Environment

A. *An Intellectual History of Islam in India :*

I. *Religious Perspective :*

- (i) Sunni Orthodoxy during the times to the Sultans of Dihili and the Moghals in India.
- (ii) The Hanafite School of Fiqh.
- (iii) The Shafi'te rites.
- (iv) Theological Studies in Medieval India.

II. Fundamentalism and Orthodoxy since the eighteenth century.

III. Social-Religious Movements in Indian Islam (1763-1898) :

- (i) Wahhabism.
Sayyid Ahmed Bareilvi.
- (ii) The Socio-religious thought of Sayyed Ahmad Khan.
—The Aligarh Movement ;
—Contributions of the Muslim elite.
- (iii) The Ahmadiyya movement.

IV. *Pre-Modernist Reform Movement :*

- (i) The Impact of :
Jamal al-Din Afghan ; theories of ' Abd al-Rashid Rida ;
Muhammad Iqbal and his ' Reconstruction of Islam.

V. Modernity and Traditional Islam in India :

- (i) The Western influence.
- (ii) A critical examination of Islamic Traditions with reference to the demand of Modernization.

B. *Sectarian Symbiosis :*

I. (i) *Shi'i sects ;*

The Twelvers (ithna ashriyya)
Isma'illis ; Bohras,
Khojas
Minor Isma'ili sects.

II. Orthodox Sufism : Sufism in India :

C. *Education :*

I. Medieval Madrasa System of education and India Society.

II. *Literature :*

- (i) Arabic.
- (ii) Persian : Indo-Iranian synthesis in Persian literature.
- (iii) Urdu, its early development and early writers and poets. Fort William College's contribution to Urdu.
- (iv) Notable writers, poets and scholars (11th century to 19th century)

D. *Material Culture :*

I. *Fine Arts :*

- (i) Painting.
Iranian Influence ; Heart style of miniature painting.
Indigenous style.
- (ii) Calligraphy : Calligraphers under the Mughals.

II. *Music.*

III. *Architecture :*

- (i) Initial phase ; confusion and compromise (1206-1290)
- (ii) Architectural aspirations of the Khaljis (1290-1320)
- (iii) The Tughluqian Age of Innovation (1321-1411).
 - (a) Architectural Projects of Firuz Tughluq.
 - (b) Catirangana (Four quartered) Mosques.
 - (c) Vargakar (Square) Tombs of the Delhi Sultanate Period (1206-1290)
 - (d) Panchumbhi Mosques of the Afghanas (1451-1553).
 - (e) The Sharq is of Jaunpur (1394-1500).

IV. *The Mughal Period :*

- (a) The Decorative Art in Mughal Architecture.
- (b) Symbolic motifs, animate motifs.
- (c) Chinese Cloud forms.
- (d) Islamic elements : Calligraphic epigraphs, naskh etc.

- (e) Dade Art of the Mughals.
- (f) Colours Decoration in Mughal Architecture.
- (g) Mosaic, inlay and glass mosaic.
- (h) Stucco and architectural painting.

V. Notable menuments in India : The Taj Mahl ; Gol-Gunbad : Qutub Minar, Ibrahim Rauda, The Red Fort, the Jami Mosque of Delhi ; the Tomb of Itimad al-dauls ; The Tomb of Humayun ; the ruins of Manne ; the Itala Mosque of Jaunpur; the Tomb of Shir Shah at Sheshraml the Tughluq Tombs.

VI. The Moghal Gardens.

VII. Customsmanners and Etiquettes, Food Habits, Costumes etc.

Paper VII—(to be taught in 1981-82).

Islamic Sciences

A. (1) Theology.

- (2) Jurisprudence.
- (3) Philosophy.
- (4) Mysticism.

1. *Theology* :

(a) *Shari'ah* :

- Traditional religious science ;
- The sources of Muslim Law (Fiqh).

(i) Qur'an exegensis ; qira'at tafsir ; *Tabaqat al-Musassirin*.

(ii) The Hadith :

usual al-hadith ; asnad, matn. Classification : Sahih, hasan, da ' if. the compilation of *Tabaqat*.

(iii) *Early Traditionists* :

- (iv) The Six Canonical Books (*Sihabu al-Sittah*).
al Sahih of al-Bukhari.
al Sahih of Muslim.
al-Sunan of ibn Majah—Sunan Abu-Dawud.
Sunan of al-Nasa'i.
Jami Tirmidhi.

2. *Jurisprudence and its Principles :*

- (a) (i) The roots of fiqh (usual ; fundamental principles).
(ii) Early schools of fiqh.
(iii) Orthodox Schools.
(iv) Methodology.
(v) Differences.
(vi) Causuistry.
(vii) Qiyas.
(viii) Ijma.
(ix) Ijtihad.
(x) The living authority.
- (b) (xi) The Four Orthodox Schools (maghhab).
—Iraqi School of juridical speculation.
—Medinan School based on hadith.
—Abu Hanifa—Hanafi School.
—Malik ibn Anas of Maliki School.
—Muhammad ibn Idris al-Shafi'i of Shafi'i School.
—Ahmed ibn Hanbal of Hambali School.
- (c) *Theological Dialecticism* : (al-kalam) :
- (i) Mutakalimun, mutakallim (Shi'i).
—Nahj al-balagha of Ali.
- (ii) al-Ulum al-aqaliyya of Shilism. (Intellectual Sciences).
- (iii) Shi'i Kalam :
—Shi'i mutakallims.
- (iv) Qadirite : the first philosophical school of thought in Islam.
- (v) Kharijites : the earliest religious political sect.
- (vi) Murji'ities : the idea of charistiatic community, the article of faith of Irja.
- (vii) Azariqa.
- (d) Scholasticism : (Origin of Mu'Mutazilism)
- (i) Rationalism versus orthodoxy.
- (ii) Doctrine of Mu'tazillite schools and its contribution to Islamic thought.

(iii) *The Ash'arite System :*

(iv) the founding of scholastic theology in Islam (Kalam) Hasan al-Basri.
al-Ghazali.
Imam al Haramayn.

(v) The Zahirate Kalam.

(e) *The Beginnings of sectarianism :*

The Kharijities : The concept of Imamate.

The Shi'ites : The development of Shi'ite Islam :

Moderate Shi'ism. and the Immamite party.

Revolutionary or Seveners : The Assassins (Batinites).
or Isma'ilies).

Kitaman (taqaiyya) the invisible Imam.

the conception of Mahdi.

Shi'a exegensis.

3. *Philosophy :*

(a) (i) The first Wave of Hellenism 750-950 : Translation.
—Transmission of Greek Sciences to Muslims. Hunayn ibn Ishaq ;
—Thabit ibn Qurrah.
—Translations, interpretations and first philosopher.
—al-Mamun founds Bayt al-Hikma : Heralds the second phase

(ii) The second wave of Hellenism (960-1258).

—origination.

—Al-Hindi.

—Al-Farabi.

—Ibn Sina.

—the Ikhwan al-safa (The Brethren of sincerity).

(b) Ethics : (akhlaq)

(i) Ethical works based on the quran and Tradition.

(ii) Works on good morals, refinement of spirit and department

—Ibn al-Muqaffa.

—Greek sources, translations, Neo-Platonic and Neo-Pythagorean works ;

—Ibn Miskawayh, his Tahdhib al-akhlaq Ibn Tufayl.

—the ninth chapter of the Ikhwan al-safa devoted to akhlaq
—al-Ghazali.

4. *Mysticism (Sufism) :*

- (i) Origin and development of mysticism.
—The founding of schools of tasawuuf;
—the chief tariqa lines;
- (ii) The formation of Ta'ifas;
- (iii) Early mystics and ascetics.
- (iv) The tasawuf, speculative mysticism. *wahdat al-shuhud* and *wahdat-al-wujud*.
- (v) Mystics and Muslim Society. Roles of Orders in the life of Islamic society.
- (vi) Derwish fraternities.
—the organisation of the Orders.
—the Rituals and ceremonials.

Paper VIII—(to be taught in 1981-82).

A. *Islamic Contributions to Science, Fine Arts, Architecture and Literature :*B. *Social Structures of Islam.*A. 1. *The Sciences :*

- (i) *Scientific Arab Medicine :*
- (ii) Prominent Physicians in Islam; and notable medical authors.
'Ali al-Tabari; Al-Ruzi (Rhazes, Ibn (Avicenna));
Ibn al-Baytrai. Alhazrawadi; Ibn Zuhri; Ibn al Ohaytham.
(Alhazen), Ahmad Ibn-abi-Usaybi'ah Abu-al-Latif al-Baghdadi.

I. *Chemistry Physics : Biology :*

- (i) Translations from Greek and Coptic books on alchemy, medicine and allied subjects.
- (ii) Mathematics (iii) Astronomy : Umar Khayyam, Abdual Rahman. al-Suf, Ulugh-beg, Muhaqqiq Tusi.

2. *Fine Arts, Architecture and Crafts :*

- I. Painting.
- II. Calligraphy.

III. Decorative and Industrial art.

IV. Architecture.

- (i) Early Islamic Arts.
- (ii) The Abbasid Period.
- (iii) Spain, Egypt and North Africa unit c. 1200.
- (iv) Persia ; Tenth. Ilkhanid Period and the Age of the Timurids in Architecture and Miniature Painting.
- (v) Mescopotamia : Tenth to thirteenth Centuries.
- (vi) Syria and Egypt : Twelfth and Thirteenth Centuries.
- (vii) Later Islamic Art in North Africa, Spain and Sicily.
- (viii) The Seljuks of Rum.
- (ix) The Ottoman Turks : the age of Sinan.
- (x) Persian Art : The later fourteenth and Early fifteenth centuries.
- (xi) The later Safavid Age.
- (xii) The Sultanate period in Indian the Decorative art.
- (xiii) The Mughal Art and Architecture.

V. Prominent Painters, Artistis, Calligraphers, Architects, and Craftsman :

- (i) Ya qut (Calligrapher); Bñihzad ; Ustad ' Abd al-Samad. Mir Imad al-Husayni ; Sultan Ali-Meshhadi.
- (ii) Development of calligraphy ; Styles Kufic, Nashki, Nastatiq.
- (iii) Different Schools of painting.
- (iv) The art of gilding (tadhīb), book binding illustration minor arts.

3. *Music : The Dimension of Sound :*

- (i) Slaves organstreeses contribution to the development of Arabic Music Qiyān (songstresses) and the Bayt al Ziyān in Mecca and Medina under the Ymayyads.
- (ii) Artists under the Abbasids :
Siyat ; Prince Ibrahim ibn al-Mahdi ; Ibrahim al-Mausili. Ibn Jami al-Wathiq.
- (iii) Ziryab of al-Andalusia.
- (iv) Six period of Islamic Music.
- (v) Literature on Music.
Kitab al-agbani : Iqd al-Farid of Ibn Abd Rabbih.

4. Literature, Historiography and Geography :

I. Arabic Literature.

II. Literature under the Umayyads.

III. Literature under the Abbasids :

II. Historical Literature and Geography :

Al-Waqldi ; Al-Baladhuri ; Tabari ; Masudi ; Al-Utbi ; Ibn al-Athir ; Ibn Khallikan ; Abu L-Fida ; Ibn Khaldun ; Ibn khurdhadbin ; Ya qubi ; Jayhani ; al-Balkhi ; Al-Astakhri ; Ibn Hauqal ; Mas udi ; al-Muqdasi, al-Biruni ; Ibn Jubayr ; Ibn Batturah ; Yaqut.

III. *Brief Account of Persian Literature :*

(i) Prose : under the Ghaznavid period : *Tal rikh-i-Masudi* or *Tarikh-i-Bayhaqi*. Hujwiri of Lahur, *Kashf al-Mahjub*.
Poetry : The Sha-nameh of Firdassi.

(ii) Persian Literature under the Seljugs.

(iii) Historiography under the Mangols and the Timurids.

(iv) Poetry : Sadi Hafiz.

(v) Prose Literature under the Safavids.

(vi) Sufi Persian Poetry.

B. *Social Structure of Islam :*

I. Body Politic (General) :

(i) The rulling class.

(ii) Aristocracy.

(iii) Bureaucrate.

(iv) The Mawli class artisans class and the merchants.

(v) The common folk.

(vi) Non-Muslims ; ahlal-kitab or Dhimmis.

(vii) Slaves.

II. *Specific Classification of Medieval Muslim Society :*

(i) Arab Artistocracy under the Umayyads.

(ii) The Ruling class under the 'Abbasids.

—The izieral dynasty of the Brrmeccids; Furat and Nau-bakhtis under the 'Abbasuds; Bala'mis Juvaynis and Patrician families. The Viziers of the Seljuqs and Ottomans.

(iii) *The Intelligentsia* :

Ahlal-qalam The Secretary Class : The shanbiyya, Poets, Scholars and Theologians (Faquhs).

(iv) Civilians :

Muslims : Traders, craftsmen, ah-al-suq etc.

Non-Muslims : Ah l-kitab (Dummis); Mozaraba and Muwallads (in Al-Andalus).

(v) Slaves : (Ghulam) Mamluks. Islam and Slavery. the Turkish slave guard.

(vi) The Military.

III. The Caliphate :

(i) Theory and Function.

(ii) Al-Mawardi.

(iii) Al-Ghazali.

(iv) Ibn-Jama'a.

(v) Ibn Taymiya.

(vi) The Kharijite—Theory of Caliphate.

IV. Government (Siyasa) :

(i) Imam, Immamate : The Kharijite and Sh'i concepts of Imam.

(ii) Mulk and Sultanah : Emirate.

(iii) The Revival of Kingship under the Buyids.

V. Political Philosophy in Islam : Political Theorists and their Theories :

(i) Al-Farabi.

(ii) Ibn-Sina.

(iii) Ibn Bajja.

(iv) Ibn Rushid.

- (v) Al-Dawani.
- (vi) Ibn Khaldun.
- (vii) Political theories : Sunnite : Shi'ite ; Ismalite.
- (viii) The Sh'ite View.

VI. *Status of Woman in Islam :*

- (i) Woman in pagan Arabia ; Polygamous Society.
- (ii) The status of Muslim woman under early Islam.
- (iii) The Institution of Muslim Harem in Medieval Times.
- (iv) Royalism Harems of the Umayyads, ' Abbasids, and of the Mughals in India.
- (v) The Political, Social and Cultural Contributions of Muslim Women of the Royalty ; and of the Slave class.
- (vi) Prominent Women in Islam.

GEOGRAPHY

The following will be the scheme of examination for the branch of Geography at the revised M.A. degree course.

M.A. Part I Examination

Part I shall consist of three compulsory papers (written) and one Practical course. Examination in each of these papers/practical shall be for 100 marks each. The total for Part I examination is 400 marks.

Part I—Three written papers and one Practical examination :

Paper I—*Concepts and Trends in Physical Geography*—

(One paper—3 hours—100 marks)—

Paper II—*Principles of Human and Regional Geography*—

(One paper—3 hours—100 marks)

Paper III—*Techniques of Geographical Analysis*—

(One paper—3 hours—100 marks)

Paper IV—*Geographical Analysis* (Practical examination in the Lab.)

(100 marks—5 hours).

M.A. Part II Examination

Part II examination consist of 400 marks as under (300 marks for theory papers and 100 marks for one practical).

Paper V—*Concepts and Trends in Economic Geography*—
(One paper—75 marks—3 hours)

Paper VI and } On any one of the *Optional subjects mentioned below
Paper VII } chosen by a candidate—225 marks, split-up as follows :—

Paper VI—75 marks—3 hours.

Paper VII—75 marks—3 hours.

Project Work—75 marks on a theme related to the option chosen for 75 marks.

Paper VIII—Map Analysis—(Practical examination)
(100 marks—5 hours)

**Optional Subject*

1. Fluvial and coastal landforms of the Topics.
(with special reference to India).
2. Tropical Meteorology and Climatology.
(with special reference to India).
3. Geography of Soils and Plants.
4. Thematic Cartography.
5. Agricultural Geography.
6. Urban Geography.
7. Regional Development and Planning.
8. Environmental Planning.
9. Social Geography.
10. Area Studies : *Either* Soviet Union *or* East Africa.
11. Political Geography.
12. Historical Geography.
13. Geography of Marketing and Transportation.
14. Geography of Medicine and Nutrition.

Paper I—*Concepts and Trends in Physical Geography.*

1. Nature, Content and Scope of Physical Geography—the main sub-fields of Physical Geography in relation to the main stream-recent trends in Physical Geography—Evolution of Applied Physical Geography.
2. Modern Geomorphology : Fundamental principles such as Principle of Uniformitarianism, 'Present as Key to Past', complexities of land from assemblage—Notion of a geomorphic system and model of geomorphic activity.
3. The Cycle concept and its relevance in geomorphology—interruptions in the cycle—Penck's geomorphic system-concept of planation surfaces, their types—Peneplanation and Pediplanation-Multicyclic relief.
4. Slopes and their facets-Slope forming processes-Theories of slope formation-Drainage basin as a geomorphic unit of study.
5. Quaternary landforms-concepts of climatic and process oriented geomorphology-geomorphic regions and regional geomorphology-Quaternary oscillations of sea-level and coastal landforms-Classification of coasts, especially around India.
6. Recent contributions to general circulation of the Atmosphere-The Jet Stream and the Zonal Index-The Monsoon Model-Temperate and Tropical Depression models.
7. Concepts of local, regional and a zonal climates-principles of the main schemes of climatic classification-microclimates-urban climates.
8. Surface and subsurface circulation of major water bodies, especially the Indian Ocean-coastal water circulation, around India in relation to currents tides and seasons-Concept of water masses.
9. Plant Communities and their stability-concept of climax vegetation-concept of Areas-Vegetation classifications.
10. Principles of Classification of Soils-Classification of Indian Soils.

Note—The study of this Paper will as far as possible related to the Indian context.

Books Recommended as Texts

1. Bloom A. L. (1979)—Geomorphology (Prentice Hall of India, Delhi).
2. Garner, H. F. (1974)—The Origin of Landscapes (OUP).
3. Sparks, B. W.(1977)—Geomorphology (Longmans).

4. Barry, R. S. and Chorley, R. J. (1971)—Atmosphere, Weather and Climate (ELBS).
5. Das, P. K. (1968)—Monsoons (NBT, Delhi).
6. Robinson, H. (1972)—Biogeography (Macdonald and Evans).
7. Steilla, D. (1976)—The Geography of Soils (Prentice Hall).

Books for further Reading

1. Birot, P. (1960)—Cycle of Erosion in Different Climates (University of Clifornia, Berkely).
3. Derbyshire, E., (Ed) : (1973)—Climatic Gemorphology (Macmillans).
4. Rube, R. V. (1975)—Geomorphology (Boston).
5. Thornbury, W. D. (1956)—Principles of Geomorphology (Wiley).
6. Crowe, P. R. (1971)—Concepts in Climatology (Longmans).
7. Tivy, J. (1971)—Biogeography—a study of plants in the Ecosphere (Oliver and Boyd).

Books for Reference

1. Bown, E. H. and Waters, R. H. (1976)—Progress in Geomorphology (London).
2. Davis, W. M. (1954)—Geographical Essays (Dover).
3. Dury, G. H. (Ed.)—(1966)—Essays in Geomorphology (London).
4. Fairbridge, R. W. (Ed.)—(1968)—Reinholdt's Encyclepedias in Geomorphology, Atmospheric Sciences (Reinholdt, New York).
5. Kind, L. C. (1962)—Morphology of the Earth (Hafner, New York).
6. Tricart, J. and Cailleux, A. (1972)—Introduction to Climatic Geomorphology, (Longman Young, A (1972) Slopes (Oliver and Boyd).
7. IMD (1960)—Monsoons of the World (Delhi).
8. Mather, J. R. (1974)—Climatology-Fundamentals and Applications (Mcgraw Hill).

Paper II—Principles of Human and Regional Geography

1. Concept of changing man-environment relationship—Concern with Theory building in modern Human Geography-Quantitative revolution-Welfare approach, and radical and relevance revolution.

2. Factors affecting man-environment interaction : environment, technology—Impact of economic and social institutions on tribal, rural and urban communities, and their institutions.
3. Settlements : Size and functions—Central Place Theory : Christaller and L6sch ; distorted lattices—the size continuum—relationship between size and rank : rank size rule and primacy—speaing of settlements.
4. Patterns of movements and their implications : factors affecting patterns—interaction : gravity model—population potential surfaces.
5. Networks : structure—location of routes minimum distance concept.
6. Organisation of land use—Around urban centres ; Von Thunen model and its applications—Organisation within cities ; urban land use models.
7. Locational patterns : importance of information field and spatial diffusion of innovations—Hagerstrand model ; applications.
8. The regional approach as a mode of synthesis—concept of a region—types and hierarch of regions—regional boundaries—a critical appraisal of the regional concept.
9. Regional frameworks : physical, economic, social and political determinan—regional landscape and its evolution—regional disparities regionalism.
10. A case study of a selected meso or micro region of India as an example of regional analysis and synthesis.
11. Laws of spatial growth of States and functional approach in Political Geography—Unifield Field theory—Geographical Pivot of History—Geostrategic and geopolitical regions—boundary and frontier concept.

Note : The study of this Paper will be illustrated with Indian examples, as far as possible.

Books Recommended as Texts

1. Haggett, P. (1972)—*Geography, A Modern Synthesis* (Harper International).
2. Haggett, P. (1968)—*Locational Analysis in Human Geography* (Arnold).
3. Minshull, R. (1970)—*Regional Geography* (Hutchinson).
4. Smith, D. M. (1977)—*Human Geography a Welfare Approach* (Arnold).

Books Recommended for further Reading

1. Ambrose, P. (1972)—Analytical Human Geography (Longmans).
2. Chisholm, M. (1967)—Rural Settlement and Land Use (Hutchinson).
3. Cox, K. R.—Man Location and Behaviour (Wiley).
4. Everson, J. A. and Fitzgerald, B. P. (1972)—Settlement Patterns (Longmans).
5. Traffe, E. J. Gauthier, H. L. (1973)—Geography of Transportation (Prentice Hall).

Books for Reference

1. Alber, R. Adams, J. S. and Gould, P. (1971)—Spatial Organisation (Prentice Hall).
2. Chorley, R. J. and Haggett, P. (1968)—Socio-economic models in Geography (Methuen).
3. Jackson, W. A. D. (1964)—Politics and Geographic Relationships (Prentice Hall).
4. Kasperson, R. E. and Minghi, J. V. (1970)—The Structure of Political Geography (ULP).
5. Morrill, R. L. (1974)—The Spatial Organisation of Society (Duxbury Press, Massachusetts).
6. Open University (1976)—Channels of Synthesis : Perception and Diffusion (Open University).

Paper III—Techniques of Geographical Analysis

1. Techniques of geographical analysis : Relevance, use and limitations of maps, fieldwork and quantification as tools—Nature and types of data for geographical analysis—a real units of analysis—Sources of geographical data base—geographical data matrix—methods of geographical data processing and use of computerisation.
2. Techniques of geomorphiic analysis :
 - (a) Morphometry ; Profiles, area-height diagrams, hypsometric integral generalised contours, reconstructed surfaces.
 - (b) Slope analysis : Measurement of slopes in field sketching—slope maps.
 - (c) Drainage basin analysis—long profiles—laws of stream order—basin attribute—measurement of channel characteristics.

- (d) Physiographic and block diagrams : Principles of construction of isometric and perspective diagrams-geological maps of tilted, folded, faulted and intruded strata-Techniques of geomorphic mapping.
3. Techniques of Climatic and hydrological data analysis :
- (a) Analysis of upper air data of single stations—tephigram—temporal analysis of weather data for trends.
 - (b) Isoline mapping of climatic data-identification of climatic types according to different schemes of classification—Evaluation of precipitation effectiveness and water budget.
 - (c) Temporal analysis of hydrological data, inclusive of tide data.
4. Techniques of Vegetation and Soil Analysis :
- (a) Soil sampling techniques—soil mapping—field identification of soil profile character.
 - (b) Quadrat sampling of Vegetation and Vegetation mapping techniques.
5. General Techniques of Areal Data Analysis :
- (a) Normal, semilog and log graphs.
 - (b) Areal Sampling Techniques of point, line and area distributions—formulation of sampling frame.
 - (c) Design of Questionnaires and schedules for interviews in the field for gathering primary data for geographical analysis.
 - (d) Regression analysis—Regression residual mapping—correlation technique—correlation matrix.
6. Techniques of Settlement and network analysis :
- (a) Centographic techniques : areal mean and median ; dispersion about the centre.
 - (b) Spacing of settlements—Near neighbourhood concept—chisquare.
 - (c) Settlement hierarchy—population, functional.
 - (d) Networks : Alpha, Beta and Gamma indices—connectivity—positive and negative deviations.
7. Techniques of Regional synthesis :
- (a) Delimitation of city region ; index of regional specialisation ; locational quotient ; use of Lorenz curve.
 - (b) Methods of Regionalisation—divisive and additive-problem of core and periphery ; overlap-identification of criteria for regionalisation—regional hierarchy.

Books Recommended as Texts

1. Clarke, G. R. and Beckett, P. (1971)—*The Study of Soils in the field* (Clarendon).
2. Doornkamp, J. C. and King, C. A. M. (1971)—*Numerical Analysis in Geomorphology* (Arnold).
3. Miller, A. A. (1953)—*The Skin of the Earth* (Methuen).
4. Monkhouse, F. J. and Wilkinson, H. R. (1959)—*Maps and Diagrams* (Methuen).
5. Theakstone, W. H. and Harrison, C. (1970)—*Analysis of Geographical Data* (Heinemann).
6. Tridewell, W. V. and Barker, S. M. (1971)—*Quantitative Methods—an Approach to Socio-economic Geography* (UTP).
7. Toyne, P., and Newby, P. T. (1971)—*Techniques in Human Geography* (Macmillan).

Books for Further Reading

1. King, C. A. M. (1966)—*Techniques in Geomorphology* (London).
2. Conrad, V. and Pollak, L. W. (1950)—*Methods in Climatology*.
3. IMD—*Tephigram* (Scientific Notes : 1950).
4. Gregory, S. (1963)—*Statistical Methods and the Geographer* (London).
5. Yeates, M. (1974)—*An Introduction to Quantitative Analysis in Human Geography* (Mcgraw Hill).

Books for Further Reference

1. Gregory, K. J. and Walling, D. E. (1973)—*Drainage Basin Form and Process* (Wiley).
2. Haggett, P. and Chorley, R. J. (1969)—*Network Analysis in Geography* (Longmans).
3. Mitchell, C. (1973)—*Terrain Evaluation* (Longmans).
4. Stringer, E. T. (1972)—*Techniques of Climatology* (Freeman. San Francisco).
5. King, L. J. (1969)—*Statistical Analysis in Geography* (Prentice Hall).
6. Smith, D. M. (1976)—*Patterns in Human Geography, An Introduction to Numerical Methods* (David and Charles).

Paper IV—*Geographical Analysis*

This paper involves practical Laboratory and field work, collection of secondary data, mapping, use of quantitative techniques and interpretation of maps and quantified results. Each exercise is envisaged as an integrated comprising processing, analysis and interpretation of specific problems. The exercises are expected to be designed, as far as possible, with reference to a region.

The practical examination will be of five hours duration. Out of the 100 marks for the paper, 20 marks are allotted for Laboratory work and Journal.

Group A—Geomorphology

1. Construction of varied profiles based on large scale maps and their interpretation.
2. Construction and interpretation of area-height diagrams and curves of a regional unit.
3. Calculation of dissection indices and construction of generalised contours from map data.
4. Compilation of slope data from field studies of a small area ; field sketching of slopes and identifications of break points.
5. Preparation of slope maps using different techniques for a small map area.
6. Mapping the drainage basin and evaluation of drainage basin attributes.
7. Laws of stream order of a drainage basin ; channel characteristics from long profiles.
8. Preparation of isometric and perspective block diagrams of simple landforms.
9. Tracing the outcrop of a geological formation and interpretation of *titled* geological structures.
10. Interpretation of geological maps with folded, faulted, intruded structures.
11. Field survey (geomorphic) of a small area and geomorphic mapping of the area.

Group B—Climatology, Hydrology, Soils and Vegetation

1. Plotting and interpretation of upper air data on topograms.
2. Temporal statistical analysis and trend graphs of rainfall data.
3. Identification of climatic types according to Koppen and Thornthwaite schemes; preparation of water budget.
4. Short and long term analysis of tide data and preparation of tide chart for a coastal station.
5. Preparation of isohyetal map for a catchment area and calculation of average rainfall for the basin.
6. Analysis of soil samples for moisture, pH, texture, colour.
7. Field collection of soil samples and field sketching of soil profile.
8. Quadrat sampling of vegetation in a small area and vegetation mapping.

Group 'C'—Population and Settlement Analysis

1. Plotting on normal and semilog graphs population data and flow data against distance and their interpretation.
2. Plotting mean and median centres of areal distributions and measurements of their shifts.
3. Dispersion of distributions about mean and median centres; aggregate travel distance.
4. Calculation of near neighbour statistic for point distributions in space; comparison with chisquare.
5. Identification of hierarchy of settlements of an area; preparation of rank size graph.
6. Functional analysis of settlements using weighted scores; plotting of scores against orders.
7. Rank size rule and primacy.
8. Population distribution maps; density maps.

Group D—Regional Analysis

1. Identification of regional boundaries using boundary girdles.
2. Choice of indicators of development for a given area.
3. Regionalisation by divisive and agglomerative modes.

4. Calculation of location co-efficient and concentration indices.
5. Lorenz curve-Plotting and interpretation.
6. Topological map of areally distributed data.
7. Calculation of connectivity, accessibility indices based upon topological net works.
8. Plotting regression lines and mapping regression residuals ; calculation of correlation co-efficients—preparation of correlation matrix.
9. Picking of a Point, line and quadrat sample from topographical map data.
10. Preparation of questionnaire for field survey for the following :—
Market ; survey ; land use in a rural area ; commuting behaviour.

Paper V—*Concepts and Recent Trends in Economic Geography*

1. Spatial structure of the Economy : geographical basis of economic activity—an analytical approach—approaches to locational analysis, location as a factor.

2. Theoretical concepts and analysis of agricultural land-use patterns—Specialisation versus diversification ; modernisation, mechanisation—non-economic influences—Rural land-use models—Impact of demand and technology changes on extension of agricultural area, fringes—concept of agricultural regionalisation.

3. Location of primary activities, other than agriculture—spatial variations in resource quality and availability—Localised resources and the space economy—resource regions and their mobilisation.

4. Location of industries—Location and patterns—Classical least cost theory—spatial variations in production, demand costs—Losh's economic landscape—Market area analysis ; Decision making in the spatial context—Isard's regional industrial model.

5. Industrial patterns : firm and the industry—agglomeration economies and diseconomies—A world view of manufacturing and trends—Major industrial regions.

6. Spatial patterns of surface, sea and air transportation routes : factors influencing them. Concept of economic distance. Transportation in relation to population, production and markets.

7. International trade flow patterns ; spatial and economic considerations.

8. Tertiary service centres—location—size relation and hierarchy—spatial variations of service centre distribution—Retailing and wholesaling functions—spatial aspects—law of retail gravitation.

9. Regional Economic Development—Economic development in time and space : initial trigger to development ; cumulative growth ; growth diffusion.

10. Special imbalances in economic health : dimensions—concept of economic regions—Regional economic disparities—Theories of underdevelopment, a world view of poverty, and affluence.

11. Theories of economic development—General theories relating population, resources, technology, growth and its limits— stages of development : Economic base theory—spatial theories : Centre—periphery concept—elements of area development policy.

Books Recommended as Texts

1. Alexander, J. W.—Economic Geography of India. (Prentice Hall, 1977).
2. E. C. Conkling and M. Yeates, 1976—Man's Economic Environment. (McGraw Hill, 1976).
3. Lloyd P. E. and Dicken P.—Location in space—a theoretical approach to Economic Geography. (Harper and Row, 1972).
4. M. M. McCarty and J. B. Lindberg—A Preface in Economic Geography. (Prentice Hall, 1966)
5. R. H. T. Smith, E. J. Taaffee, L. T. King—Readings in Economic Geography. (Rand McNally, 1976)
6. Economic Atlas of the World. (Oxford 1978).
7. Ronald R. Boyce—The Bases of Economic Geography. (Holt, Rinehart and Winston, 1974)
8. Coutinho, O and Sharma, T. C.—Economic and Commercial Geography of India. (New Delhi, 1977).

Books for further Reading

1. Berry B. J. L., Conkling E. C. Ray, D. M.—The Geography of Economic Systems. (Prentice Hall, 1976).

2. F. E. Dohrs and L. M. Sommers, *Economic Geography, Selected Readings*. (Thomas Crenell, N.Y. 1970).
3. Estall and Buchanen—*Industrial Activity and Economic Geography*. Hutchinson and Co., 1970).
4. Hodder and Roger Lee—*Economic Geography*. (Field of Geography Series, Mathuen and Co., Ltd. 1974).

Books for Reference

1. Conkling E. and Yeates M.—*Man's Economic Environment*. (McGraw Hill Publication, 1976).
2. Peter Toyne—*Organisation, Location and Behaviour Decision-making in Economic Geography*. (McMillans 1974).
3. H. F. Gregor—*Geography of Agriculture : Themes in Research*. (Foundation of Economic Geography Series, 1971).
4. D. M. Smith—*Industrial Location : An Economic Geographical Analysis*. (John Wiley and Sons, 1971)
5. H. Robinson and C. G. Bamford, *Geography of Transport*. (Macdonald and Evans, 1978).
6. Peter Scott—*Geography and Retailing*. (Hutchinson and Co. 1970).
7. J. E. Vance—Jr. *The Merchant's World : The geography of whole-saling*. (Prentice Hall, 1970).
8. R. S. Thoman and E. C. Conkling—*Geography of International Trade*. (Prentice Hall, 1967).
9. Ed. J. Blunden, C. Brook, G. Edge and A. Hay—*Regional Analysis and Development*. (Open University Set books, 1973).
10. Wilbur Zelinsky—*A Prologue to Population Geography*, (Prentice Hall, 1966).

Note : All optional papers must be studied with reference to Indian examples, and must provide the perspective of the field.

Optional Papers VI and VII and Project Work.

Option 1—Fluvial and Coastal Landforms of the Tropics

Paper VI—Fluvial Geomorphology of the Tropics.

1. The Fluvial System : Drainage basin evolution, and the growth of drainage network—effect of topography, rock, vegetation, climate and hydrology on basin characteristics.

2. Fluvial Dynamics—measurement of run off and channel equilibrium relationships—concepts of grade—human interference with grade—sediment processes and measurement—quantitative evaluation of drainage basin processes.

3. Drainage basin form and processes—Hydraulic geometry—Drainage basin mechanics.

4. Valley and Valley fills : Valley morphology : valley slopes and divides—Piedmont fan morphology—Alluvial plain morphology—flood plains and terraces—delta geomorphology.

5. Geomorphic evolution of fluvial landscape—Reevaluation of Davis and Penck—systems approach to fluvial landscapes—complex valley forms and their evolution—rejuvenation.

6. Techniques of Fluvial geomorphic analysis—Morphometric methods : analysis of basin form, process attributes, geomorphic mapping of facets of fluvial landscape, and use of air photographs.

7. Fluvial landscapes and Man : Impacts of human action on river regime and dynamics—conservation and land management.

8. Fluvial Landscape of India and of the Tropics : The Himalayan and Peninsular review landscapes—Indian nice mouths—Tropical deltas.

Books Recommended as Texts

1. Gregory K. J. and Walling, D. E.—Drainage Basin, form and process. (Arnold, 1976).
2. King C. A. M.—Techniques in Geomorphology. (London, 1960).
3. Leopold L. B.—Wolman M. G. and Miller J. P.—Fluvial Processes in Geomorphology. (Freeman, San Francisco, 1964).
4. Morisawa, M.—Streams, Their Dynamic and Morphology. (New York, 1968).
5. Schumm, S. A.—The Eluvial System. (Wiley, 1977).
6. Birot, P.—Cycle of Frosion in Different Climates. (Batsford, London, 1968).
7. Thomas, M. F.—Tropical Geomorphology. (Macmillan, 1974).

Books for further Readings

1. Chorley R. J.—Spatial Analysis in Geomorphology. (Harper and Row, 1972).

2. Crickmay, C. H.—*The Work of the River.* (Macmillan, 1974).
3. Davis, W. M.—*Geographical Essays.* (New York, 1954).
4. Doornkamp, J. C., King, C. A. M.—*Numerical Analysis in Geomorphology.* (London, 1971).
5. Dury, G. H. (Ed.)—*Rivers and River Terraces.* (London, 1970).
6. Krumbein, W. C. and Graybill, F. A.—*An Introduction to Statistical Models in Geology.* (New York, 1965).
7. Tricart, J.—*Landforms of the Humid Tropics, Forests and Savannas.* (Longmans, 1972).

Books for Reference

1. Chorley R. J. (Ed.)—*Water, Earth and Man.* (Methuen, 1969).
2. Czech H., and Boswell, K. C.—*Morphological Analysis of Landforms.* (translation of W. Penck, 1924) (Macmillan, London, 1953).
3. Fairbridge R. W. (Ed.)—*Reinholdt's Encyclopedia of Geomorphology.*
4. Strickland, C.—*Deltaic formation.* (Calcutta, 1946).
5. Ward, R. C.—*Principles of Hydrology* (London, 1967).
6. Tricart J. and Cailleaux, A.—*Introduction to Climatic Geomorphology* (Longman Green, London, 1972).

Paper VII—*Coastal Geomorphology of the Tropics*

1. Coastal Processes : Physical factors of the land—work of waves, tides and currents—biotic factors—Erosional processes and associated forms—shoreline transportation—depositional forms.

2. Evolution of a shoreline profile—the beach and associated land facets—shore forms : beach ridges, beach cusps ; coastal dunes and inlets—Estuarine, delta forms—coastal and oceanic islands—Coral coasts.

3. Changes in coastal configuration : short and long term—short term sea level oscillations—long term changes in sea level : causes and impacts on shoreline, coastal land forms—Quaternary movements.

4. Coast line classifications : Johnson, Sheppard, valentin and recent ones—characteristics and stages of evolution of different types of coasts—littoral terraces and marine planation surfaces.

5. Features of the continental shelf and continental margins coastal circulation and deposits—continental shelf of India.

6. Coastal features around the Indian coasts—types of Indian coasts and study of type examples, Associated features—coastal changes in the Quaternary period along Indian coasts—coastal erosion and protection.

7. Methods of coastal study—shoreline profiles—Field work in coastal area.

Books Recommended as Texts

1. Ahmad, El—Coastal Geomorphology of India. (Delhi, 1972).
2. Bird, E. C. F.—Coasts. (Canberra, 1968).
3. Davies, J. L.—Geographical Variation in Coastal Development. (Oliver and Boyd, 1978).
4. King C. A. M.—Beaches and Coasts. (Arnold, 1959).
5. King, C. A. M.—Techniques in Geomorphology. (Arnold, 1966).
6. Steers, J. A.—The Sea Coasts. (London, 1953).

Books Recommended for Further Reading

1. Fairbridge, R. W. (Ed.)—Encyclopedia of Oceanography, Geomorphology. (Reinhold, 1967).
2. Gulicher, A.—Coastal and Submarine Morphology. (London, 1958).
3. Kuenen, P. H.—Marine Geology. (N.Y. 1950).
4. ————Continental Margins. ().
5. Russell, P. J.—River Plains and Sea Coasts. (Berkeley, 1967).

Books for Reference

1. Zenkovich, V. P.—Processes of Coastal Development. (Oliver and Boyd, 1967).
2. Atlas of the Indian Ocean. (Moscow, 1975).

Option 2—Tropical Meteorology and Climatology (With special reference to India)

Paper VI—

1. Tropical climates—areas—general characteristics of temperature, humidity etc.

2. General circulation of the Atmosphere in the Tropics—driving forces—elements of the circulation—jet streams and their influence.

3. Variations in the Tropical circulations : Seasonal Variations—the monsoons—meteorology and climatology—genesis of the Asian monsoon.

4. Characteristics of air masses in tropics—intertropical convergence zone—different views regarding the formation of tropical fronts.

5. Tropical Storms—Cyclones : characteristics—frequencies and paths—structure of the eye—cyclogenesis—thunderstorms—types and structure—tornadoes—forecasting methods.

6. Weather map analysis—plotting of data : surface and upper air—Instruments—standard instruments—instruments for special purposes.

Paper VII

1. Classification of Tropical Climates—application of Köppen's and Thornthwaites systems of classification—identification of climatic boundaries—single and composite indices.

2. Regional climates—salient characteristics—a detailed analysis of climatic characteristics of South Asia.

3. Human Response to climate—bioclimate—comfort indices—agroclimatology.

4. Micro climatology—factors affecting climate near the ground—its relevance for bioclimates and agroclimates—urban climates—forest climate.

5. Climatic change with specific reference to particular areas—analysis of temporal data to determine trends—causative factors for short term changes—some case studies—weather and climatic modification with special reference to Tropics.

6. Drought climatology—definition of drought—indices of aridity—computation of water balance.

Books Recommended as Texts

1. Das, P. K.—The Monsoons. (National Book Trust, New Delhi, 1968).
2. Potterssen, S.—Introduction to Meteorology. (McGraw Will, 1969).
3. Strenger, E. T.—Techniques of Climatology. (W. H. Freeman and Co., San Francisco, 1972).
4. Garbell, M. A.—Tropical and Equatorial Meteorology. (Sir Isaac Pitman and Sons Ltd., 1947).

5. Riehl, H.—Tropical Meteorology. (McGraw Hill, 1954).
6. Nieuwolt, S.—“Tropical Climatology”. (John Wiley, 1977).
7. Lockwood, J. G.—“World Climatology an environmental Approach”. (Edward Arnold, 1974).
8. Watts, I. E. M.—Equatorial Weather. (Oxford University Press, 1955).
9. Lockwood, J. G.—Causes of Climate. (Edward Arnold, 1979).

Books for Further Reading

1. IMD : Symposium on Meteorology in relation to High Level Aviation over India and surrounding areas—Section V. (Delhi, 1962).
2. Haurwitz, B.—Dynamic Meteorology. (McGraw Hill, 1941).
3. Byers, H. R.—General Meteorology. (McGraw Hill, 1944).
4. Indian Institute of Tropical Meteorology—“Proceedings of the Symposium on Tropical Monsoons”, 1976).
5. Ramage, C. S.—“Monsoon Meteorology”. (Academic Press, 1971).
6. Trewartha, G. T.—The earth's problem climates. (Methuen, 1962).
7. Basu, S, et al (Eds.)—Monsoons of the World. (Hind Union Press, New Delhi, 1960).

Books for Reference

1. Barrett, E. C.—Climatology from Satellites. (Methuen, 1974).
2. Barry, R. G., and Perry, A. H.—Synoptic Climatology, Methods and Applications. (Methuen, 1973).
3. Brunt, D.—Physical and Dynamic Meteorology. (Cambridge University Press, 1939).
4. Yoshino, M. M. (Ed.)—Water Balance of Monsoon Asia. (University of Hawaii Press, 1971).

Option 3—Geography of Soils and Plants

Paper VI—Geography of Soils

1. Concept of soil—significance of soils in geographical studies—evolution of science of pedology.
2. Properties of soils—Texture—bulk density—pore space—soil structure—granulation and tilth—soil colloids—the soil reaction—organisms—organic matter.

3. Soil air, soil temperature and soil water.
4. Soil genesis and formation—horizons—soil development— influence of time, parent material, topography, climate, organisms.
5. Soil erosion and conservation—erosion : types and causes—methods of conservation—reclamation and management of soils, environmental aspects.
6. Nutrients—essential elements—deficiencies—causes—remedial measures.
7. Soil surveys and classification—Techniques of survey—classifications schemes—soils in India.
8. Study of some major soil types : Chernozems, Podzols, Latosols, Regur, alluvial.
9. Soil analysis—techniques of laboratory and field analysis.

Paper VII—*Geography of Plants*

1. Scope and content of photogeography—evolution as a science—major contributions.
2. Effects of physical environment on plants—physiographic—atmospheric : light, heat, water, winds—edaphic.
3. The Biotic environment—effect of other plants : symbiosis, parasitism, saprophytism, epiphytism, semi-dependence, competition—effect of animals—anthropogenic factors : deforestation and its environmental impact—significance of biotic factors in determining areal distribution.
4. Plant migration—agencies—barriers.
5. Plant succession—seral stages—types of primary seres—subseres—concept of climax.
6. Areas—natural and artificial—continuous and disjunct-centres—relic, vicarious and endemic areas.
7. Classifications—Taxonomic—Physiognomic—plant communities.
8. Concept of ecosystem—constituents—trophic levels—food-chains—Ecosystem in India—value of concept in geography.
9. Mapping of vegetation—collection of data—types of maps—uses.
10. Study of some vegetation formations : tropical forests, tropical grasslands, hot deserts.

Books Recommended as Texts

1. Black, C. A.—Soil-plant Relationship. (John Wiley, 1968).
2. Bridges, E. M.—World Soils. (Cambridge University Press, 1970).
3. Bunting, E. T.—The Geography of Soil. (Chicago: Aldine Publishing Co., 1967).
4. Clarke, G. R. and Beckett—The Study of Soil in the Field. (Clarendon Press, Oxford, 1971).
5. Kellman, M. C.—Plant Geography. (Methuen, 1975).
6. Newbigin, M. I.—Plant and Animal Geography. (Methuen, 1936).
7. Polunin, N.—Introduction to Plant Geography. (McGraw Hill, 1960).
8. Riley, D., and Young, A.—World Vegetation (Cambridge University Press, 1966).
9. Robinson, H.—Biogeography. (Macdonals and Evans Ltd., 1972).

Books Recommended for Further Reading

1. Eyre, S. R.—Vegetation and Soils. (Chicago: Aldine Publishing Co, 1971).
2. Foth, H. D. and Turk, L. M.—Fundamentals of Soil Science. (John Wiley, 1972)
3. Fried, M. and Broeshart. H.—The Soil-plant System. (Academic Press 1967).
4. Good, R. D.—The Geography of Flowering Plants. (Longmans, 1953).
5. Mani, M. S.—Ecology and Bio-Geography in India. (The Hague, 1974).
6. Steila, D.—The Geography of Soils. (Prentice Hall, 1976).

Books for Recommended for Reference

1. Buckman, H. O. and Grady, N. C.—The Nature and Properties of Soils. (Macmillan, 1969).
2. Cain, S. A.—Foundations of Plant Geography. (Harper and Row, 1944).
3. Odum, E. P.—Fundamentals of Ecology. (W. B. Saunders, 1959).
4. Russell, E. W.—Soil conditions and plant growth. (Longmans, 1973).

*Option 4—Thematic Cartography***Paper VI—**

1. A General Survey of Cartography :—
 - (a) History of Cartography—Conceptual ; Technological ; Organisational and Institutional.
 - (b) Cartography as a Science, an Art and a Technology.
 - (c) Maps as miniature models of Reality ; Maps as tools of analysis.
 - (d) Broad sub-divisions of Cartography—General ; Mathematical ; Thematic.
 - (e) Development and recent trends in Cartography ; Remote sensing ; Automation.

2. General Cartography :—
 - (a) Elements of Optics.
 - (b) Graphic communication.
 - (c) Map Layout and Design : Map elements, their significance and interrelationship, generalisation, symbolisation.
 - (d) Map projections : Principles ; Transformations and Graticules ; Basic types and sub-types ; Choice of projections.
 - (e) Cartographic Techniques in drafting : Base materials, instruments, drawing and scribing, lettering, masking and screening ; Mechanical transfer types, tints and symbols ; Overlays for colour work, advantages ; Preparation of base maps.
 - (f) Reproduction Techniques : Photographic processes ; non-photographic processes ; printing processes.
 - (g) Automation in Cartography : Basic concepts ; Computers ; Map compilation to final map production.
 - (h) Aerial Photography : Large-scale mapping ; Photogrammetry ; Stereo-pairs ; Satellite Imageries ; Remote Sensing techniques.
 - (i) Varieties of reference maps : Cadastral maps, Town plans, Topographical maps, Atlas maps, Wall maps.

Paper VII

1. Construction and preparation of Thematic Maps :

Types of Thematic Maps—Qualitative, Quantitative.

Maps for spatial distributional patterns.

Maps for spatial analysis and interpretation.

Static and Dynamic maps; Statistical, Distributional and Flow maps; Economic and demographic maps; Socio-cultural maps; Physical and Climatic maps.

2. Statistical techniques and Quantitative Methods in Thematic mapping :—

Statistical diagrams—non-spatial; representation of temporal data by graphs; Statistical maps—spatial data representation at point, line and area locations; Actual data and relative data; Linear, areal and volumetric symbols; Choro-schematic maps; Flow maps.

Relief, Slopes, Climatic, Soil and Vegetation mapping, Limitations and constraints in the use of Cartographic Techniques.

3. Interpretation of Thematic maps :—

Comparison and analysis of results; Generalisation and prediction;

Maps as a tool of spatial/quantitative analysis;

Maps to tackle special problems;

Cartographic Appreciation of various maps and atlases:

Topographical map series of Survey of India; National Atlas Thematic map series; Other topical maps of different sources—their layout and design, content, symbolisation, lettering styles, use of colours, format, utility.

Books Recommended as Texts

1. Raisz Erwin—Principles of Cartography. (McGraw Hill Book Co., Inc. New York, 1962).
2. Keates, J. S.—Cartographic Design and Production. (Longman Group Limited, London, 1973).
3. Crone, G. R.—Maps and Their Makers—An Introduction to the History of Cartography. (Hutchinson University Library, London, 1968).
4. Monkhouse and Wilkinson—Maps and Diagrams. (Methuen and Company Ltd., London, 1971).
5. Dickinson, G. C.—Statistical Mapping and the Presentation of Statistics. (Edward Arnold (P) Ltd., London, 1977).

6. Lawrence, G. R.—Cartographic Methods. (Methuen and Co. Ltd., London, 1971).
7. Sully Barry—Aerial Photo Interpretation. (Bellhaven House Ltd., Canada, 1969).
8. Biddle, Milne, Shortle—The Language of Topographic Maps. (Jacaranda Press, 1974).

Books Recommended for Further Reading

1. Robinson, A. H. and Sale, R. D.—Elements of Cartography. (John Wiley and Sons, New York, 3rd Edn. 1969).
2. Hodgkiss, A. G.—Maps for Books and Thesis. (David and Charles (Publishers) Ltd., London, 1970).
3. Dickinson, G. C.—Maps and Air Photographs. (Edward Arnold (Publishers) Limited, London, 1969).
4. Thrower, N. J. W.—Maps and Man—An Examination of Cartography in Relation to Culture and Civilization. (Prentice Hall International Inc., London, 1972).
5. Allum, J. A. E.—Photogeology and Regional Mapping. (Pergamon Press Ltd., New York/London, 1966).
6. Steers, J. A.—An Introduction to the Study of Map Projections. (University of London Press, London, 1965).

Books Recommended for Further Reference

1. Meux, A. H.—Reading Topographical Maps. (Hodder and Stoughton, London, 1975).
2. Chambers and Laird—Concepts of Geography through Map and Photo. (Fredrick Warne and Co. Ltd. 1970).
3. Worthington, B. D. R.—Techniques in Map Analysis. (Macmillan, 1975).
4. Porter and McDonnell—Introduction to Map Projections. (Marcel Dekker Inc., New York, 1979).
5. Her Majesty's Stationery Office—Manual of Map Reading, Air Photo Reading and Field Sketching, Part II and Part III. (H. M. S. O. London, 1971).

Option 5—Agriculture Geography

Paper VI—

1. Scope of Agricultural Geography—Factors affecting Agriculture : physical/socio-economic and political—Major agricultural systems of the world—distribution and features.

2. Agricultural landuse pattern and dynamics—Farm decision making enterprise specialization—Agricultural location theories—Diffusion of Agricultural innovations.

3. Competition for Agricultural land-utilization of marginal lands—The possibilities of increasing Agricultural output. World food situation—self-sufficiency.

4. Agricultural marketing—Location of market places—marketing channels—commodity movement pattern.

5. Agriculture in the Advanced and Developing countries : case studies from S. E. Asia, U.S.A., U.S.S.R.; Japan ; India.

Assessment of Green Revolution in India—specific problems Indian Agriculture and allied activities—Indian Agricultural Planning.

Paper VII—

1. Sources and types of Agricultural Statistics—problems in the collection and use of Agricultural Statistics.

2. Concept of Agricultural region—Techniques of Agricultural regionalization—Agricultural regionalization of India.

3. Concept of land capability and carrying capacity—Evaluation of Agricultural land—Measurement of Agricultural productivity—Land capability classification and mapping.

4. History of land-use survey—Techniques in Agricultural landuse mapping.

5. Application of statistical techniques to analyse the behavioral aspect of farmers in farm decision making—formulation of hypothesis and testing.

Books Recommended as Texts

1. Grigg, D. B.—*The Agricultural Systems of the World an Evolutionary Approach.* (London, 1974).
2. Hussain, M.—*Agricultural Geography.* (Delhi, 1979).
3. Laut, P.—*Agricultural Geography.* (Thomas Nelson, Australia, 1970).
4. Morgan, W. B. and Munton, R. J. C.—*Agricultural Geography.* (Methuen, London, 1977).
5. Sharma, P. S.—*Agricultural Regionalization of India.* (New Heights Publication Delhi, 1973).
6. Symons, L.—*Agricultural Geography.* (London, 1972).
7. Tarrant, J. R.—*Agricultural Geography.* (John Wiley and Sons, New York, 1974).

Books for Further Reading

1. Chisholm—*Rural Settelement and Landuse.* (Hutchinson, London, 1972).
2. Found, W. C.—*Theoretical Approach to Rural Landuse Patterns,* (Edward Arnold, London, 1971).
3. Gregor, H. F.—*Geography of Agriculture—Themes in Research.* (Prentice Hall, N.J., 1970).
4. Klages, K. N. F.—*Ecological Crop Geography.* (Macmillan, New York, 1958).
5. Vink, A. P. A.—*Landuse in advancing Agriculture,* (Heidal Berg, New York, 1975)

Books for Reference

1. Bansil, B. C.—*Agricultural Planning for 700 Millions—A Perspective Study.* (Lalvani Publishing House, New Delhi, 1971).
2. Bansil, B. C.—*Agricultural Problems of India.* (Delhi, 1975).
3. Chorley, R. J. and Haggett, P.—*Models in Agricultural Geography.* London, (Methuen, 1967).
4. Christopher Board, Chorley and Others—*Progress in Agricultural Geography, Vol. VI.* (Edward Arnold, London, 1976).
5. Cohen, R.—*The Economics of Agriculture.* (Cambridge, 1949).

6. Dagle, V. L.—*Foundation of Indian Agriculture* (Vora and Col. New Delhi, 1975).
7. Dunn, E. S.—*The Location of Agricultural Production*. (Gainsville, 1954).
8. Grigg, D.—*The Harsh Lands*. (London, 1970).
9. Mamoria, C. B.—*Agricultural Problems of India*. (Kitab Mahal, Kuruskshetra, 1975).
10. Shenoi, P. V.—*Agricultural Development in India : A New Strategy in Management*. (Vikas Publishing House, New Delhi, 1975).
11. Stamp, L. D.—*Land of Britain : Its Use and Misuse*. (Longmans, London, 1960).
12. Tempany, A. and Grist, D. H.—*An Introduction to Tropical Agriculture*. (London, 1958).

Option 6—Urban Geography

Paper VI

1. Scope and content of urban geography—recent trends in approach to the study—Urban perspective.
2. The Process of Urbanisation—definition of urban—concepts of the urbanisation process—historical review—spatial patterns.
3. Urban functions—functional classifications—concept of economic base—techniques of determining B:NB ratio—value of the concept in urban analysis.
4. Locational arrangement of towns—theoretical postulates—empirical problems—stochastic models—testing of patterns : nearest neighbour analysis, entropy.
5. City size distribution : rank size versus primacy—model of city size distributions—utility of the rank size rule.
6. Urban hierarchies—theoretical—empirical methods of ranking towns—concept of the urban system : its evolution—types of towns : Western, Pro-Industrial, Orthogenetic, Heterogenetic.
7. Techniques of analysis—rank-size,—RN—concept of entropy—determination of functional specialisation—economic base.

Paper VII—

1. Urban Land Use—Commercial—C.B.D. : characteristics and delimitation—internal structure—central city—other commercial areas. Models of retail structure—Industries—intra-urban locational patterns—The Residential Structure of Cities—Urban population densities and gradients—morphological sub-areas—natural areas—social area analysis—factorial ecologies.

2. Urban Structure—models : Burges, Hoyt, Ullman and Harris, Smalles—Urban plan—Morphology or townscape.

3. The expanding city—Urban sprawl—suburbs : types—the suburban process—the rural-urban fringe—characteristics—delimitation.

4. Spheres of influence of towns—concept of city-region—techniques of delimitation—concept of metropolis—study of selected metropolitan regions—megalopolis—ecumenopolis.

5. Urban problems and Planning : Physical, socio-economic and demographic—concepts of new town and neighbourhood planning—Green belts—garden cities—optimum size of towns—urban renewal.

7. Techniques of analysis—mapping of urban land-use-delimitation of C.B.D.—identification of residential sub-areas—delimitation of fringe.

Books Recommended as Texts

1. Berry, B. J. L., and Horton, F. E.—*Geographic Perspectives on "Urban Systems"*. (Prentice-Hall, 1970).
2. Carter, H.—*"The Study of Urban Geography"*. (Edward Arnold, 1974).
3. Herbert, D.—*"Urban Geography"*. (David and Charles : Newton Abbot, 1972).
4. King, L. J. and Golledge, R. G.—*"City Space, and Behaviour"* (Prentice Hall, 1978).
5. Robson, H.—*"Urban Analysis"*. (Cambridge University Press, New York, 1975).

Books Recommended for Further Reading

1. Bourne, L. S. (Ed.)—*"Internal Structure of the City"*. (Oxford University Press, 1971).
2. Breese, G.—*"The City in Newly Developing Countries"*. (Englewood Cliffs, N. J. , 1969).

3. Dickenson, R. E.—“City and Region”. (Routledge and Kegan Paul, 1964).
4. Open University—Series on “Urban Development”. (Open University Press).
5. Turner, R. (Ed.)—“India’s Urban Future”. (University of California Press, 1962).

Books for Reference

1. Hauser, P. M., and Schnore, L. F.—“The Study of Urbanisation”. (Wiley, 1965).
2. Pahl, R. E. (Ed.)—“Readings in Urban Sociology”. (Pergamon, 1968).
3. Reissman, L.—“The Urban Process”. (Free Press, 1969).
4. Timms, D. W. G.—“The Urban Mosaic”. (Cambridge University Press, 1971).

Option 7—Regional Development and Planning

Paper VI—General Concepts and Technique.

1. Regional development : meaning—growth versus development—levels of development : difficulties in measurement—regional disparities : need for regional approach in development.
2. Planning : need—economic, social, ecological considerations—regional perspectives—regional policy and planning.
3. Multi-level planning : need—relationship between national, regional and local plans—need for integration—bottom-up and top-down approaches.
4. Regional problems : locational and structural—intra and inter-regional dimensions—alternative strategies for problem regions.
5. Planning regions : basic considerations—hierarchy—utility of formal and functional regions for planning.
6. Regional accounts and their utility in understanding regional framework—regional man-power and its utilization.
7. Regional development plan : formulation—implementation—monitoring and evaluation—institutional machinery for management.
8. Techniques of regional analysis and planning.

Paper VII—*Theory and Practice*

1. Regional development : concentration and dispersal—balanced versus polarized growth—growth pole concept and its applications.

2. Settlement systems and central place theory—application in planning for tertiary activities—viability of central places as growth centres—integrated area development approach

3. Diffusion : basic elements and types—Hagerstrand model and its applicability in regional planning.

4. Regional Planning practice in (a) Centrally Planned countries such as U.S.S.R., Israel, (b) Free economics—U.K., France and (c) Third World countries—Brazil.

5. Regional Planning in India : need and objectives—conflicts between economic, social political and environmental factors—regional element in planning.

6. Multi-level planning in India—national, state, district and block level plans—role of each of these in national development—need for integration.

7. A scheme of regions for planning in India—examples of regional problems and approaches to their solutions : case studies of DPAP and Hill Area Development Plans—Integrated area development.

8. Regional development profiles of Maharashtra—institutional framework for reducing regional disparities—achievements and failures—development priorities in Konkan.

Books Recommended as Texts

1. Glasson, John—An Introduction to Regional Planning. (Hutchinson Educational, 1974).
2. Alden, J. and Morgan, R.—Regional Planning : A Comprehensive View. (Leonard Hill Books, 1974).
3. Bhat, L. S.—Micro-level Planning. (K. B. Dube, Delhi, 1976).
4. Sen Lalit, K. et. al—Planning Rural Growth Centres for Integrated Area Development. (National Institute of Community Development, 1972).
5. Kuklinsky, A.—Growth Poles and Regional Policies. (Haugle Mouton, 1972).

6. Colman, D. and Nixon, F.—Economics of Change in Less Developed Countries. (Philip Allen, 1978).
7. Bhat L. S.—Regional Planning in India. (Stat. Puld. Sa. Calcutta, 1972).
8. Misra, R. P.—Regional Planning and National Development. (Vikas, 1978).

Books for Further Reading

1. United Nations—Publication—Long Term Planning. (United Nations, New York, 1971).
2. Hall, P.—Urban and Regional Planning. (Pelican, 1975).
3. U. N. Report of the Sixth Inter-regional Seminar on Development Planning. (1976).
4. Ratcliffe, John—An Introduction to Town and Country Planning. (Hutchinson Educational, 1974).
5. Open University Series Units 13-15—New Trends in Geography. (Open University, 1977).
6. Richardson, W. W.—Regional Economics. (Weidenfeld and Nicolson 1976).

Books for Reference

1. Perloff, H. S. and Others—Regions, Resources and Economic Growth. (Hopkins, 1960).
2. Rao, V. L. S. P.—Regional Planning. (Asia Puld., H., Bombay, 1980).
3. Open University Series—Government Intervention, 1, 2, 3. (The Open University, 1974).
4. Gislingwater, D. and Hart, D. A.—The Regional Planning Process. (Saxon House, 1978).
5. United Nations—Planning for Urban and Regional Development in Asia and the Far East. (ECAFE—1966).
6. NCAER—Techno-Economic Survey of States of India.
7. Government of India—Reports of Five Year Plans.

Option 8—Environmental Planning

Paper VI

1. Environment : its totality—environmental elements : physical, biological and cultural—their interaction—technological threat and eco-crisis.

2. Environment as an energy system : dynamic equilibrium—concepts of input, output, transportation and transformation—principle of conservation and cyclic movement : environmental balance—human factor in the environmental cycles—consequences.

3. Concept of Eco-system : constituents and trophic levels—number, biomass and energy at different levels—human inference—consequences.

4. Basic factors disturbing environmental balance : growth rates of population, rising affluence, ideology, imperfect knowledge of natural processes—spatial variations and disparities—consciousness.

5. Conflict between economy and ecology : dominance of economic considerations and overlooked ecology—problems : economic and social costs.

6. Pollution—health hazards—impact on normal functioning of ecosystem.

7. Environmental quality in rural and urban environments—Impact on human behaviour—relationship to crimes and other social aspects—significance of environmental quality in human progress.

8. Techniques of measurement of environmental perception : spatial and temporal—measurement of pollutants. Integrated mapping of earth surface as a technique of understanding environment—assessment of relationship between human activities and environmental quality.

Paper VII

1. Environmentalism : intellectual antecedents—environmental ideologies : ecocentric and technocentric—need for a middle course.

2. Environmental Planning : need for comprehensive approach—purposes : conservation, rational use of resource base, restoration and improvement of quality, equitable distribution—relationship between physical and environmental planning : convergence or divergence.

3. Planning rural environment : purposes—land evaluation : capability classification—need for multi-purpose evaluation : economic, social, ecological—approaches to land evaluation and classification.

4. Planning urban environment : purpose—landuse zoning : role of a geographer—evaluation of demand/supply relation—optimum size and distribution of urban centres—harmony between city and the region : towards an ecology of the urban environment—urban design and pricing as human responses.

5. Towards a better environment : understanding of the ecological web and cautious use of technology—setting environmental goals.
6. Methods to control environmental quality : legislation, public policy, public education and consciousness.
7. Techniques of analysis : eco-demographic accounting, input-output, impact and sensitivity, discriminant analysis.
8. Models : optimization model, spatial interaction model.

Books Recommended as Texts

1. Strahler, A. N.—and Strahler, A. H.—Environmental Geo science : Interaction between Natural Systems and Man. (Wiley International 1978).
2. Turk, A et al—Environmental Science. (W. B. Saunders Company, 1978).
3. Benhett C. F.—Man and Earth's Ecosystems. (Wiley, 1975).
4. Ehrlich, P. R. et al—Ecoscience : Population, Resources, Environment. (W. H. Freeman and Co., 1977).
5. Detwyler, T. R.—Man's Impact on Environment. (McGraw-Hill, 1971).
6. Dawson, J. A. and Doorn Kamp, J. C.—Evaluating the Human Environment. (Edward Arnold, 1973).
7. Johnson, W. H. and Steere, W. C.—The Environmental Challenge. (Holt, Rinchard and Winston, 1974).
8. Disch, R.—The Ecological Conscience. (Prentice Hall, 1970).

Books for Further Reading

1. Belloli, R.—Contemporary Physical Science : Our Impact on the World. (Macmillan, 1978).
2. King, G. E. (ed.)—Conflict and Harmony. (George Phillip and Son, 1972).
3. Wood, C. M. et al—The Geography of Pollution. (Manchester University Press, 1974).
4. Foin, T. C.—Ecological Systems and the Environment. (Houghton Mifflin Co., 1976).
5. Environment and Planning : International Journal of Urban and Regional Research. (Vol. 9, 1977).

Books for Further Reference

1. Ward, R.—Floods : A Geographical Perspective. (MacMillan, 1978)
2. Spicer et al—The Global System, 1, 2. (Jacaranda Press, 1975).
3. The Real World Book Series on Pollution—J. M. Dent and Sons, London. (Additional references, mainly from the Journals will be indicated by the teacher concerned).
4. UNESCO—Reports on Environmental Programme.

Option 9—Social Geography

Paper VI—

1. *Concepts and Theoretical Approach : Social Geography*—A Group Approach—Definitions Geographical Approach to Sociology—Nature of Social Geography Space, Pattern, Process and Planing.

Population as Social Groups—Linguistic, religious and economic identities basic parametres of Social Groups—The bases of Social interaction.

Concept of Space—Symbolism and Social Space Utilization of Social Space.

2. *Patterns : Patterns in Social Geography*—Settlement system—Growth of Settlements—Relationship between levels of economic development and the relative permanency of settlements.

Typology of settlements—Rural-Urban Dichotomy—Their distinctive characteristics with special reference to language, religion, caste, marriage, discases, etc.—Models of Social patterns—Indian villages, towns and cities.

Demographic characteristics of settlements—settlement size, hierarchy and spacing of settlements—Demographic and Serive areas.

Occupational distinctiveness of rural and urban societies—Functional classification of settlements.

Paper VII—

1. *Process : Urbanisation*—Urban economic base—The Economics of urban space—Locational analysis of intra-urban land-use—limits of urban urban sprawl.

Urbanisation and social change—impact of urbanism on the rural society and rural space.

Morphology of settlements—Theories of spatial structure.

Segregation—Case studies of Scheduled castes in Indian Societies, Black-bolt areas in Western cities, religious communities—New trends—Impact of economic forces.

Migration—Internal and International—Typology and mechanism of migration—Migration and social change.

2. *Planning : A Fair Society*—Public policy for town and country planning—A welfare approach towards social planning.

Social inputs in social planning.

3. *Techniques of Social Geography* : Mapping rural and urban land-use data, Analysing models of spatial structure.

Mapping systems for description of absolute location.

Mapping population data.

Preparing questionnaire on social planning—Surveying social factors.

Books Recommended as Texts

1. Jones, E. and Eyles, J.—An Introduction to Social Geography. (Oxford University Press, 1977).
2. Dunlop, S. and McDonald D.—Social Geography. (Heinemann).
3. Jones, E. (ed.)—Readings in Social Geography. (Oxford University Press, 1975).
4. Fielding, G. J.—Geography as Social Science. (Harper and Row, 1974).
5. Wagner P. L. and Mikesell M. W. (ed).—Readings in Cultural Geography. (Chicago 1962.)
6. Zelinsky, W. and Kosinsky, L. A. and Prothero R. M. (ed)—Geography and Crowding World. (Oxford University Press, 1970).
7. Kosinsky, L. A. and Prothero R. M. (ed)—People On The Move. (Metheun 1975).
8. Clout, H. D.—Rural Geography (Pergamon Press, 1972).
9. Carter, H.—The Study of Urban Geography Edward Arnold, 1975).
10. Haggett, P.—Cliff, A. D. and Frey A.—Locational Models (Arnold Heinemann, 1975).

Books for Further Reading

1. Forde, C. D. *Habitat, Economy and Society—A Geographical Introduction to Ethnography.* (London, 1934).
2. Spencer, J. E. and Thomas, W. L.—*Cultural Geography.* (Wiley International, 1969).
3. Abler, R., Adams J. A. and Gould P.—*Spatial Organization.* (Prentice Hall, 1972).
4. Hisholm, M.—*Human Geography : Evaluation or Revolution.* (Penguin, 1975).
5. Sopher, D. F.—*Geography of Religion.* (New Jersey, 1967).
6. Jones, E.—*Human Geography.* (Chetto and Winder, 1969).
7. Abler, R., Janelle, D. and Sommer—*P. Human Geography in Shrinking World.* (Duxbury Press, 1975).
8. Stewart, M. (ed.)—*The City: Problems of planning.* (Penguin, 1972).
9. Bernstein, H.—*Underdevelopment and Development : The Third World Today.* (Penguin, 1973).

Books for Reference

1. Chorley, R. J. and Haggett, P. (ed.)—*Socio-economic Models in Geography.* (Methuen and Co. Ltd., 1967).
2. Huntington, G.—*Civilization and Climate* (New York, 1955).
3. Singh, R. L. (ed.)—*Rural Settlements in Monsoon Asia.* (Varanasi, 1972).
4. Hoover, E. M.—*An Introduction to Regional Economics.* (Alfred and Knopf, 1971).
5. Clarke, J. I.—*Population Geography.* (Pergamon Press, 1972).
6. Halpern, J. M.—*The Changing Village Community.* (Prentice Hall, 1967).
7. Misra, R. P. (ed.)—*Urban System and Rural Development, Part I.* (Mysore, 1972).
8. Masood, M. S. and Shivalingaiah, M. (ed.)—*Urban System and Rural Development, Part 2.* (Mysore, 1974).
9. Jackson, J. N.—*Surveys for Town and Country Planning.* (Hutchinson University Library, 1966).
10. Haggett, P.—*Locational Analysis in Human Geography.* (Edward Arnold, 1965).

*Option 10A—Area Studies : East Africa**Paper VI—Physical and Cultural Environment of East Africa:*

1. Physical structure : evolution of structure and relief—drainage system in relation to relief—Climate : temperature and rainfall regimes—physical opportunities and constraints for Area Development.

2. Biotic environment : natural vegetation and animal life—soils and their characteristics—pests and diseases—biotic resources : grasslands, forests and fisheries—agroecological zones.

3. Natural resources : water and minerals—irrigation and hydel power potentialities—navigability of drainage network—minerals and their association—mineralized belts—fuel minerals and thermal power development.

4. Population and man-power resources—number, growth-rate, quality skill—colonial influence on man-power development—spatial aspects of distribution of population and its quality—spatial pattern of urbanization—population migration and the problem of immigrants.

5. Ethnic variety in East Africa—races and tribes—tribal beliefs and customs their influence on economic development.

6. Economic infra-structure for Development of the economy—transport network—need for co-ordination between rail, road and water transport—problem of outlet for land-locked countries—air transport and ropeways.

Paper VII—Regional Development of East Africa :

1. Emergence of nation states and colonial background—geographical boundaries and territorial disputes—geostrategic and geo-political significance of East Africa—geopolitical problems.

2. Structure of economy : Basic pattern of economic organization—regional disparities—role of development planning in modernization.

3. Agriculture in regional economy—modernization experiments—agrarian reforms and development perspectives—landuse and ecological problems—case studies : agricultural changes in Bunyore, resettlement and land use planning in Zambia—land and population use in Nile district of Uganda.

4. Industrial base of East Africa—structure of industrial production—locational aspects of industries and groups—regional aspects of development—problems of industrial development : structural and spatial.

5. Present levels of economic development and regional disparities—development problems—role of planning experiments in development—strategies for development.
6. Organization of trade and marketing—trading communities—relationship of market centres to transport routes, productivity and communities.
7. Area Development Schemes in East Africa.
8. India's relations with East Africa—Problem of Indians in East Africa.

Books Recommended as Texts

1. Fitzgerald, Walter—Africa : A Social Economic and Political Geography of its Major Regions. (London, Methuen and Co. Ltd., 1968).
2. Grove, A. T.—Africa. (Oxford, Oxford University Press, 1979).
3. Hance, W. A.—The Geography of Modern Africa. (New York, Columbia University Press, 1964).
4. Morgan, W. T. W.—East Africa : Its Peoples and Resources (Rev. ed.). (Nairobi, O.U.P. 1972).
5. Owinde, S. H. (Ed.)—Studies in East African Geography and Development. (London, Heinmann, 1971).
6. Reiner, J. and Others (Eds)—Source Book on African geography (New Zealand, Methuen, 1977).
7. Richards, Paul (ed.)—African Environment : Problems and Perspectives. (London, International African Institute, 1975).
8. Stamp, L. D.—Africa : A Study in Tropical Development. (New York, 1974).
9. White, R. G.—Africa : Studies for East African Students. (Nairobi. Heinmann Educational books, 1977),

Books for Further Reading

1. Brandt, H. Schubert B. and Schubert B. and Gerken E.—The Industrial Town as Factor in Economic and Social Development. The Example of Jinja/Uganda. (Munchen, Weltforum Verlag, 1972).
2. Church, R. J. H. and Others—West Africa : A Study of the Environment and of Man's use of it (Geographies for advanced study). (London, Longman, 1974).
3. Church, R. J. and Others. Africa and the Islands. (London, Longmans Green and Co. Ltd., 1964).

Books for Reference

1. Anon—Africa, South of the Sahara. (Europea, London, 1977).
2. Prothero, R. M.—People and Land in Africa, South of Sahara. (London, OUP, 1972).
3. O'Connor, A. M.—The Geography of Tropical African Development. (Pergamon, Oxford, 1977).

*Option 10B—Area Studies : U.S.S.R.**Paper VI—Physical and Cultural Environment of U.S.S.R. :*

1. Physical background : evolution of structure and relief—river systems as influenced by relief—climatic features: distribution of temperature and rainfall—physical potentialities and constraints—special opportunities and problems arising out of vast territorial extent—problems of oceanic frontage.

2. Natural vegetation in relation to climate—potentialities and problems of exploitation of forest resources—grass-lands and livestock industries—fishery resources and the problems of exploitation. Major soil groups as affected by climate and vegetation—soil productivity.

3. Natural resources : minerals and their association—problems of their exploitation and transport—geographical distribution of major mineral groups and their significance in the national economy—fuel minerals : coal, mineral oil, natural gas and atomic minerals—distributional pattern of fuel minerals—water resources : irrigation and power.

4. Population and demographic characteristics : growth rate, rural-urban composition, sex ratio, ethnic groups and nationality problems—labour resources and man-power.

5. Economic infrastructure : distinctive features of transport and communication network—road, rail, river and air transport—inter-regional linkages—problems of efficiency and economy of transport.

Paper VII—

1. Evolution of the Soviet Economy in post-revolution period—Planned development—major planning strategies.

2. Agriculture in Soviet Economy : structure and patterns—organization collective and state farms—major agricultural regions and their characteristics—contemporary problems and food-grain imports.

3. Industrial base : structure and locational patterns—development in post war period—problems of industrial development—study of select industries : iron and steel engineering, textiles, food processing, chemicals.
4. Present levels of economic development and regional disparities—role of regional planning in removal of such disparities—regionalization and theories of regional development—territorial production complexes and agro-industrial complexes.
5. Development problems : Soviet experience in planning—relevance of Soviet models for developing countries with special reference to India.
6. A case study in regional Area development : Soviet Central Asia.
7. Soviet Union and East european countries—their trade relations—Soviet trade with other countries of the world.
8. India's relations with the Soviet Union—increasing Soviet influence in economic sphere.

Books Recommended as Texts

1. Conolly Violet—Beyond the Urals : Economic Development Soviet Asia. (Oxford University Press, London, 1967).
2. Howe Melvyn, G.—The Soviet Union. (Macdonald and Evans Ltd., 8 John Street, London, 1968).
3. Lydolph Paul—Geography of the USSR. (John Wiley and Sons, New York, 1977).
4. Nove Alec and Newth, J. A.—The Soviet Middle East (A Communist model for Development). (George Allen and Unwin Ltd., Great Britain, 1967).
5. Gerasimov, I. P.—Arnold, D. L. ; Yefron, K. M.—Natural Resources of the Soviet Union—Their use and Renewal. (V. H. Freeman and Company, San Francisco, 1971).
6. Gregory, J. S.—The Geography of the USSR—An Introductory Survey. (Novosti, Moscow, 1975).

Books for Further Reading

1. Alampiev, P.—Economic areas in the USSR. (Progress, Moscow, 1964).
2. Nekrasov, N.—The Territorial Organization of Soviet Economy. (Progress, Moscow, 1976).

3. Wilber Charles, K.—The Soviet Model and Underdeveloped Countries. (Chapel Hill, University of North Carolina Press, 1967).
4. Lavrishev, A.—Economic Geography of the USSR. General Information. (Progress, Moscow, 1969).
5. Symons Leslie—Russia Agriculture : A Geographic Survey. (London, G. Bell and Sons, Ltd., 1972).

Books for Reference

1. Fedchenko, V.—Things to Come. (Mir Publishers, Moscow, 1977).
2. Morey George—Soviet Union : The land and its people. (Macdonald Educational, 1975).
3. Pavlenko, V. F. and Kalessik, S. V.—Soviet Union. (Progress Publishers, Moscow, 1976).
4. Wilber Charles, K.—The Political Economy of Development and Underdevelopment. (New York, Random House, 1979).
5. Wright Miller—The USSR. (Oxford University Press, 1965).
6. Dewdney John, C.—The Geography of the Soviet Union. (Pergamon Press, Oxford, London, 1971).
7. Gvozdetsky, N. A.—Soviet Geographical Explorations and Discoveries (Progress, Moscow, 1974).
8. Torre Georges—The Soviet Union : The Land and its People. (Longmans, London, 1967).
9. Pokshishevsky, V.—Geography of the Soviet Union—Physical Background, Population, Economy. (Progress Publishers, Moscow, 1974).

Option—11—Political Geography

Paper VI—Systematic Political Geography :

1. Nature and content of Political Geography—History of Development of Political Geography—contributions of Ratzel : Spatial growth of States—concept of State as an organism—Functional, chronological approaches in Political Geography.

2. Elements of the State—Territory and population—Politico-geographical attributes of territory : size, shape, configuration, location, resource base—population characteristics—political organisation of a State : Divisive and Cohesive forces.

3. Unitary and federal states—concept of Nation State.

4. State capitals : factors in development—location of power in regional city—Metropolitan growth and political problems.

5. Buffer zones—concept of territorial waters.

6. Electoral Geography—Study of elections and plebiscites and their areal patterns—voting behaviour : national and international aspects.

7. Political Geography and Public Policy : analysis of relationships—Geography of urban and rural politics—Environmental impress upon politics and political impress upon environment—public management policy considerations.

8. Techniques of Analysis in Political Geography.

Paper VII—*Political Patterns of the World and Political Geography of India :*

Section I

1. State and the World : Political Geography and global geopolitics—Gottman's circulation concept.

2. Mackinders Heartland concept and German geopolitics—contributions of Mahan and Spykman—geopacific—geopolitical and geostrategic regions.

3. Impacts of Decolonisation in contemporary Political world—Resurgent Nationalism and Supernationalism—Emergent politico—geographical realities—"Shrinking World".

4. Contemporary politico-geographical problems and their spatial perspectives—Energy crisis—power blocks—Rivalry for control for World oceans and polar areas—Race for the Moon and the Planets.

5. Geo-strategy of oceanic areas.

Section II

1. Political Geography of India : a study in its physical setting, space relation, history of political development in modern period—Resource base of political power—India as a federal State.

2. Population of India and politicogeographic realities—Manpower and demography variety—cohesive and divisive forces.

3. Indian Boundary of conflicts—territorial waters—inter-state boundary problems.

4. India in relation to her neighbour states—India's relation with other power blocks—India versus neutrality and the World—India as an emerging power of the Indian ocean.

Books Recommended as Texts

1. Blij, H. J. de—Systematic Political Geography. (New York, 1967).
2. Crone, G. R.—Background to Political Geography. (Museum Press, London, 1967).
3. Moodie, E. A.—The Geography Behind Politics. (Hutchinson, London, 1956).
4. Pounds, N. J. G.—Political Geography. (New York, 1963).
5. Prescott, J. R. V.—The Geography of Frontiers and Boundaries. (Hutchinson, London, 1965).
6. Prescott, J. R. V.—The Geography of State Policies. (London, 1968).
7. Dixit, R. D.—Political Geography of Federalism, An Inquiry into Origin and Stability. (Delhi, 1975).
8. Sukhwal, B. L.—India—A Political Geography. (Ahmedabad, 1971).

Books for further Reading

1. Fisher, C. A. (Ed.)—Essays in Political Geography. (Methuen, 1968).
2. Jackson, W. A. D.—Politics and Geographic Relationships. (Englewood Cliffs, 1964).
3. Kasperson, R. L. and Minghi, J. V.—The Structure of Political Geography. (Chicago, 1969).
4. Whittlesey, D. and Percy G. E.—The Earth and the State : A Study of World Political Geography. (H. Colt, 1944).
5. East, W. G. and Spate, O. H. K.—The Changing Map of Asia. (Methuen, 1971).
6. Alexander, L. M.—World Political Patterns. (Rand Meally, 1966).
7. Cohen, S. B.—Geography and Politics in a Divided World, (OUP, 1973).

Books for Reference

1. Cornish, V.—The Great Capitals—Historical Geography. (London, 1923).
2. Stevenson Paul—Population and Political Systems in Tropical Africa. (New York, 1968).

*Option 12—Historical Geography**Paper I—Principles of Historical Geography :*

1. Historical Geography : content and scope ; nature of source material ; historical Geography as a study of past geographies ; as a reasoned study of the changing aspects of a society through a time period.
2. History as an aspect of Geographical explanation : examples.
3. Source data for studies in Historical Geography.
4. The space and time factors in man-environmental relations—peopling of the world—routes of early migrations—role of spatial differences in culture.
5. Pre-and proto History ; ancient civilizations ; the age of discovery and explorations ; colonial and commercial expansion of Europe overseas ; modern industrial societies.
6. Historical evolution of social, political and economic institutions ; primitive societies ; the city state, the empires ; the nation state ; democratic form ; the socialistic state ; international organizations.

*Paper II—Case Studies in Historical Geography :***Section I**

1. Historical Geography of India : Early Indian rural communities, Caste system association of linguistic groups in isolation—Traders—Valley and early urban development—Hindu Kingdoms of Early and Medieval India and Cultural attainments—Role of India's physiography and environment on historical traditions.
2. Impacts of Islam—The Moghul period—Colonial period and European Imperialism : rise and fall—Post Independence India.
3. Trade patterns and routes in Ancient and Medieval India : Early Pilgrim routes ; land routes and routes of invasion and culture contacts ; Maritime trade contacts and Indian colonisation abroad.

Section II

4. Rise and decline of the British and the European colonial powers—De-Colonisation in Afro-Asia.
5. German Lebensraum and riviving of European Nations in 20th Century.
6. Evolution of Russian and Chinese States—a historical geographical review.

Books Recommended as Texts

1. East, W. G. and Moodie, E. A.—Historical Geography of Europe. (Methuens, 1956).
2. Michell, J. B.—Historical Geography. (Teach Yourself Series, Oxford, 1973).
3. Subba Rao B.—The Personality of India. (University of Baroda, 1958).
4. Cunningham, A.—The Ancient Geography of India. (Varanasi, 1975).
5. Danly, H. C. and Fullard F.—The New Cambridge Modern History Atlas. (Cambridge, 1970).
6. Baker, A. K. H.—Progress in Historical Geography (David and Charles, 1972).

Books for Further Reading

1. Febvre, L.—A Geographical Introduction to History. (Kegan Paul, Trench. Trubner and Co., London, 1925).
2. Annenkov, V. V. (Ed.)—Historical Geography. (International Geographical Congress, Moscow, 1976).
3. Sharaf—A Short History of Geographical Discoveries. (London, 1967).
4. Alchin, B.—The Birth and Death of Indian Civilization. (Penguins, 1970).
5. Adams, I. H.—Agrarian Landscape Terms : A Glossary for Historical Geography. (London, 1976).
6. Treharne, R. F. and Harold, F.—Muir's Historical Atlas—Ancient, Mediaeval and Modern. (London, 1964).
7. Law, B. C.—Historical Geography of Ancient India. (Paris, 1954).

8. Davis—Historical Atlas of India. (Oxford, 1965).
9. Nehru J.—The Discovery of India. (Calcutta, 1945).

Books for Reference

1. Hartshorne, R.—Perspectives on the Nature of Geography. (Murray, 1968).
2. Toynbee, A. J.—A Study of History—Abridgement of Volumes 1-6, 7-10—D. G. Somerville. (London, OUP, 1957).
3. East W. G. (ed.)—Historical Geography of Europe. (Great Britain, 1935).
4. Parker, W. H.—Historical Geography of Russia.
5. Wheeler, M.—The Indus Civilization. (Oxford).
6. Smith, C. T.—An Historical Geography of Europe before 1800. (London, 1967).
7. Dodgston, R. A. and Butlin, R. A. (ed.)—An Historical Geography of England and Walse. (Academic Press, 1978).
8. Clout, H. D.—Themes in the Historical Geography of France, (Academic Press, 1977).
9. Bhargawa, M. L.—The Geography of Rigvedic India. (Lucknow, 1964).
10. Mulay, S.—Studies in the Historical and Cultural Geography and Ethnography of the Deccan. (Poona, 1972).
11. ICSSR—Review of Research in Geography, Section on Historical Geography. (1971).
12. Basham, A. L. (Ed.)—Cultural History of India. (Oxford, 1975).
13. McManis, D. R.—Historical Geography of the United States. (Yosilanti, Michigan, 1965).

Option 13—Geography of Transportation and Marketing

Paper I—Geography of Transportation

1. Principles of Transport : Nature and need for transportation—Spatial Interchange and Space adjustment. Conceptual Frame-work : Place and Time utility, complementarity, Intervening opportunity, Transferability.

2. Modes of Transport : Road, Railway, Waterways Inland, coastal, oceanic. Airways, Shipping canals—world distribution and its significance.

3. Concept of Distance, Measures of Distance, Topological transformation.
4. Costs of overcoming Distance : Transport costs and Primry Policy, Transport cost as a factor indistribution.
5. Transport Network : Nodes and Routes—Function of nodes, Locational characteristics of nodes. Functions of routes, route capacity and route location. Network analysis, network regionalisation, Hierarchy in networks.
6. Interaction and Flow—Interaction and role of distance. Flows as a function of nodal man and distance. Gravity model and model of interation potential.
7. Problems in Transportation—Urban transport problems in developing and developed economies. Traffic congestion, traffic management, public transport, Road pricing and technological advances. Rural transport problems with special reference to India.
8. Transportation and Planning—Future land use and travel demand forecasting.
9. Transport networks in India— A broad analysis.

Books Recommended as Texts

1. H. Robinson and C. G. Bamford—Geography of Transport. (Macdonald and Evans, 1978).
2. E. J. Taafee and W. L. Gauthier—Geography of Transportation. (Prentice Hall, 1973).

Books for Further Reading

1. Lowe Moryadas—The Geography of Movement. (Houghton Mifflin Company, 1975).
2. Alan Hay—Transport for the Space Economy. (Macmillan, 1973).
3. Michael E. Eliot Hurst—Transportation Geography, Comments and Reading. (MacGraw Hill, 1974).

Books for Reference

1. A. D. Couper—The Geography of Sea Transport. (Hutchinson, and Co., 1972).

2. Ewart W. D. and Fullard, H. (Ed.)—World Atlas of Shipping. (G. Philip, London, 1973).
3. Road Atlas of Europe. (Bantholomew, 1970).
4. Road Atlas of Britain. (ESSO Petroleum Co., 1971).

Paper II—*Geography of Marketing* :

1. Marketing as a function—Demand and supply force mechanism—Nature of competition—Spatial implications of these factors : Spatial margin of profitability.

2. Range of economic goods and services : Threshold—Relevance of Von Thunen's and Central Place Theories : contributions of Berry and others—Marketing principle—Loschian concept of Economic Landscape : empirical studies.

3. Markets and their hinterlands—techniques of delimitation Economic regions—spatial interaction theory—Gravity model and its use in delimiting trading areas. The behavioural approach and its significance in marketing—Market and industrial location relation.

4. Retailing and wholesaling : study of their main aspects and characteristics and inter-relations.—Wholesale Markets : Trend and spatial competition—Locational aspects and morphology of wholesale centres—Techniques of Retailing, Wholesaling. Market area analysis.

5. Retail sites and spatial affities—store location analysis—Retail markets and their size—Centrality of retail centres—Nature and types of different retail centres—Recent trends in retailing and spatial pattern of retail centres—wholesaling function and its association with other tertiary functions.

6. Marketing—Planning and Public Policy. Location policies, Pricing Policies, Consumer protection policies—Predicting new marketing trends.

Books Recommended as Texts

1. Berry B. J. L.—Geography of Market Centres and Retail Distribution. (Prentice Hall, 1967).
2. Ross L. Davies—Marketing Geography With Special Reference to Retailing. (Methuen, 1976).
3. J. Beaujau Garnier and A. Delobez—Geography of Marketing. (Longman Group Ltd., 1979).

Books for Further Reading

1. Isard, W.—*Methods of Regional Analysis, An Introduction to Regional Science.* (New York, 1962).
2. Zipf, G. K.—*Human Behaviour and the Principle of Least Effort.* (Reading, Man : Addison Wesley Press, 1949).
3. Hoover, E. M.—*The Location of Economic Activity.* (McGraw Hill, 1963).

Books for Reference

1. Scott, P.—*Geography and Retailing.* (Hutchinson and Co., 1970).
2. Vance, J. E.—*The Merchants World—The Geography of Wholesale-saling.* (Prentice Hall, 1970).
3. Dawson, J. A.—(Editor)—*Retail Geography.* (Halsted Press, 1980).

Opiion 14—Geography of Medicine and Nutrition

Paper VI—

1. Content and Scope—Concept of Medical Ecology—Man Environment relation—a review ; Ecosystems.

2. Disease and Environment : Infectious and Non-infectious diseases ; Epidemic and Endemic diseases ; Deficiency diseases—Relationship between health and fly-free environment ; Society and Culture—Urban environment ; Pollution and diseases.

3. Patterns of World distribution of some diseases ; the special aspects of Tropical Diseases—

Infectious diseases : Vectors and Carriers ; infectious diseases of the developed world ; of the undeveloped and developing world ; influenza, infectious hepatitis, malaria, diseases of the eye, water-borne diseases, non-infectious diseases.

4. Models in Medical Geography—applications.

5. Geography of Hunger : undernutrition and malnutrition ; various types of deficiencies ; undernutrition, malnutrition and poverty ; role of ignorance and inhibitions—A world review of regions of hunger ; international and national agencies towards its relief ; the special case of the care of the young.

6. The problem of total eradication of certain diseases from the world ; plague, colera, small pox, enterics ; the challenge ahead.

Paper VII—

Section I

1. Medical Geography in India : Problems and case studies ; regional and environmental patterns of major prevalent diseases ; the Himalayan zone ; the Rajaputana ; the Bengal delta ; the Deccan famine tracts.

2. Geography of communicable diseases in India ; concept of geographical epidemiology ; spatial aspects of morbidity and mortality, infant mortality.

3. Diseases, malnutrition and poverty—a spatial survey.

4. Nutrition and land use : spatial patterns of nutrition : status in the country.

Section II

5. The Geography of Medical Care : Medicine, Technology and Organisation ; The cases of the very old and the very young ; The cases of the Poor and the Rich nations.

6. The patterns of dietary changes as a process of diffusion in the world ; their implications ; Race heredity, environment, culture and diet.

7. The role of preventive medicine in a world society that is conscious of restricting its numbers—Health mapping—Medical centres and their diffusion in space.

Books Recommended as Texts

1. Learmonth, A. T. A.—Patterns of Diseases and Hunger. (London, 1978).
2. Stamp, L. D.—The Geography of Life and Death. (London, 1964).
3. Misra, R. P.—Medical Geography of India. (N.B.T. Series, Delhi, 1970).

Books for Further Reading

1. McGlashan, M. D.—(Ed.)—Medical Geography : Techniques and Field Studies. (London, 1972).
2. Howe, G. M. and Lorraine, J. A.—Environmental Medicine. (London, 1974).

3. Stamp, L.—Some Aspects of Medical Geography (Oxford, 1964).
4. Bhat, L. S. and Learmonth, A. T. A.—Medical Geography. (in the ICSSR Review of Research in Geography, 1972).
5. May, J. A.—Atlas of Diseases. (New York,)
6. Ackerhecht, E. H.—History and Geography of Most Important Diseases. (Hafner, New York, 1965).
7. Banerjee, Biswas and Hazra : Geography and Ecology of Cholera in West Bengal. (Calcutta, 1974).

Books for Reference

1. Wingatep—The Penguin Medical Encyclopaedia. (1972).
2. Fox, P. et al—Epidemilogy : Man and Diseases. (Macmillan. 1970).

Paper VIII—*Map Analysis* :

I. Topographical Maps : Analysis and Interpretation

1. Cartographic appreciation of different toposheets with reference to design of scale, lettering style.
2. Lettering style ; scale-content relationship.
3. Map analysis (of Indian, O. S. and other foreign maps) for establishing associations between.
 - (a) Relief, drainage and vegetation.
 - (b) Drainage, soils and landuse.
 - (c) Settlements—type, size and spacing in relation to environ-
ment.
 - (d) Urban settlement—site and situation ; morphology, phases
of expansion and growth.
 - (f) Boundaries in relation to physical factors.
 - (f) Regionalisation.
 - (g) Transport lines in relation to relief, drainage.

II. *Economic Map Analysis and Interpretation*

1. Choice and use of spatial techniques for thematic map depiction of economic and population statistics.
2. Cartographic evaluation of different types of thematic maps, including National and Census atlases.
3. Interpretation of Thematic maps.

III. *Economic Map Construction*

1. Maps employing dasymetric, isopleth, choropleth techniques—mapping of time-distances, economic distance.
2. Flow maps of *flow data*.
3. Complex mapping relating related variables on areas.
4. Mapping of Population potentials.

IV. *Air Photo Interpretation*

1. Photo scale, camera lens focal length, height relations; principles of a photo analysis.
2. Mapping from stereo-pair photographs.
3. Interpretation of air-photos to draw inferences on physical, landuse and settlement distribution patterns.
4. Use of Landsat imageries.

Books Recommended as Texts

1. Monkhouse, F.J. and Wikinson, H.R.—*Maps and Diagrams*. (Methuen and Co. Ltd., London, 1971).
2. Tamaskar, B. G.—*Interpretation of Topographic Maps*. (Longmans 1978).
3. Speak P. and Carter, A. H. C.—*Map Reading and Interpretation*. (Longman, Group Ltd., London, 1974).
4. Birch, T. W.—*Maps—Topographical and Statistical*. (Oxford, 1949).
5. Birch, T. W.—*Metric Map and Photo Reading*. (Edward Arnold, (P) Ltd., London, 1976).
6. Sully, B.—*Aerial Photo Interpretation*. (Bell London, Haven House Ltd., Canada, 1969).
7. Truran, H. C.—*A Practical Guide to Statistical Maps and Diagrams*. (Heinemann Ed. Books Ltd., 1975).
8. Evans, F. C.—*Map Study*. (Oliver and Boyd, 1972).

Books for further Reading

1. Biddle, Milne, Shortle—*The Language of Topographic Maps*, (Jacaranda Press, 1974).
2. Worthington, B. D. R.—*Robert—Techniques in Map Analysis*, (Mac-Millan, 1975).

Books for Reference

1. Speak P. and C. C. A. H. C.—*Map Reading and Interpretation*. (Longmans, 1973/74)
2. Allum, J. A. E.—*Phytogeology and Regional Mapping*. (Pergamon, 1966).
3. Meux, A. H.—*Reading Topographic Maps*. (Hodder and Stoughton, London, 1975).
4. Dickinson, G. C.—*Maps and Airphotographs*. (Edward Arnold (P) Ltd., London, 1949).
5. Roger Minshull—*Human Geography From the Air*. (MacMillan, 1968).
6. Roger Minshull—*Settlements From the Air*. (MacMillan, 1971).
7. *Manual of Map Reading, Air Photo Reading and Field Sketching* Parts II and III. (Her Majesty's Stationery Office, London, 1958).

RURAL DEVELOPMENT

There will be a dissertation in the groups of Compulsory paper and Methodology and Practical Field work in Optional Papers. Thus there will be in each group, three theory papers and one dissertation or Methodology and Practical field work.

The subject for dissertation should be connected with any aspect of Rural Development and must be based on practical field experience and not merely on library work. A student shall have to work under a guide qualified to teach the course in Rural Development. He can select the topic and start working on it at the beginning of the M.A., course but shall not submit it for evaluation before the completion of four academic terms. The dissertation should be typed and properly bound and shall bear a certification of completion from the guiding teacher before submission.

The titles, marks and distribution of the papers over the two years will be as follows and that the first two papers under 'Group I—Compulsory Papers' and the first two papers under 'Group II—Optional' should constitute Part I and the remaining four papers under Groups I and II should constitute Part II :—

Group I—Compulsory Papers

Paper I (100 marks)—*Approaches to Rural Development in India.*

Paper II (100 marks)—*Credit Organisation for Rural Development.*

} M.A. I

- Paper III (100 marks)—*Comparative Experience in Rural Planning in Asian Countries* } M.A. II
 Paper IV (100 marks)—*Dissertation.* }

Group II—Optional.

- Paper V (100 marks)—*Science and Technology for Rural Development.* } M.A. I
 Paper VI (100 marks)—*Social-Cultural-Political Aspect of Development.* }
- Paper VII (100 marks)—*Administration for Rural Development.*
- Paper VIII (100 marks)—(a) *Methodology—50 marks* } M.A. II
 (b) *Practical Field Work—50 marks* }

The eight paper course in the subject 'Rural Development' at the revised M.A. degree examination has been introduced from the current academic year *i.e.* 1981-82.

The following will be the scheme of papers for students offering four papers of the subject 'Rural Development' along with four papers from the other branches permitted by the University at the revised M.A. degree examination :—

- Paper I—*Approaches to Rural Development in India.*
 (3 hours—100 marks).
- Paper II—*Credit Organisation for Rural Development*
 (3 hours—100 marks).
- Paper III—*Science and Technology for Rural Development.*
 (3 hours—100 marks).
- Paper IV—*Dissertation*—100 marks.

(Papers I and II will constitute Part I examination and Papers III and IV will constitute Part II examination).

The following will be the scheme of papers and practicals and the distribution of 800 marks for students offering entire Rural Development of 800 marks at the revised M.A. degree course.

- Paper I—*Approaches to Rural Development in India.*
 (3 hours—100 marks).

Paper II—*Credit Organisation for Rural Development.*
(3 hours—100 marks).

Paper III—*Science and Technology.*
(3 hours—100 marks).

Paper IV—*Social Cultural Political Aspects of Rural Development*
(3 hours—100 marks).

Paper V—*Administration for Rural Development.*
(3 hours—100 marks).

(Practicals— 300 marks).

Participation in the integrated area development projects—Area to be selected by the University on a long-term basis where the students will take the responsibility of *i*) preparing the development plan of the Area *ii*) implementing the plan in Phases.

Students offering an eight paper course in the subject 'Rural Development' at the revised M.A. degree course (which includes five papers of 100 marks each and practicals of 300 marks) will be examined at the end of the course in all the papers and practicals *i.e.* at the end of two years of the course.

The syllabus for the above papers in the subject 'Rural Development' at the revised M.A. degree course will be as under :—

Paper I—*Approaches to Rural Development in India.* (100 marks)

A. *Theories of Location and Development relating to Integrated Rural Planning :*

- (i) Central Place Theory.
- (ii) Theory of Growth Poles.
- (iii) Theory of Geographical Diffusion of Innovation.
- (iv) Theory of Agricultural Location.
- (v) Theory of Industrial Location.

B. *Approaches to Rural Development :*

- (i) Community Development Programmes.
- (ii) Sectoral Approach : Intensive Agricultural District Programme—Small Farmers' Development Agency—Marginal Farmers' and Agricultural Labourers' Programme.

(iii) Area Development Approach :

- Drought Prone Area Programme.
- Hill Area Development Programme.
- Tribal Area Development Programme.

(iv) Command Area Development Approach.

(v) Growth Centres and Integrated Area Planning Approach.

(vi) Integrated Rural Development Approach.

C. *Planning For :*

1. Resource Development : agriculture—horticulture, forestry—animal husbandry—dairy farming.
2. Industrial Development : Agro-based—forest based—live stock-based—horticulture based—demand based.
3. Infra structure Development : transportation—water supply—energy.
4. Social Services : education—health—housing.
5. Man—Power Development.

Books Recommended for Reference

1. A. L. Thana and Smt. Mumtaz Thana—A Manual on Integrated Rural Development for village, block and district planning : Published by A. A. Faizy Quilon 691008, Kerala.
2. Ministry of Information and Broadcasting : India 1976 : Publication Division GOI, New Delhi, 1976.
3. Venkatappiah, B.—Electricity and Rural India—A Developmental Approach : Seventh L. B. Shastri Memorial Lecture, I. A.I.R.N., Delhi, 1975.
4. Kurukshetra Vol. XXVI No. 24 16th September 1978 Special Number on Command Area Development.
5. NIRD (Hyderabad) Rural Development in India.
6. Central Research Cell (Ford Foundation) : Pilot Research Projects in Growth Centres—Draft Design statement, New Delhi, 1970 (Mimeo).
7. Woglom, W. H. and Stopler, W. F.—The Economics of Location : New Haven, Yale University, 1954.
8. Boudéville, J. R.—Problems of Regional Economic Planning Part I Edinburg, 1966.

9. Hermansen, T.—Growth Poles and Growth Centres in National and Regional Development A Synthetical approach Part I UNRISHD Geneva, 1969.
10. Myrdal, G. M.—Economic Theory and Underdeveloped Region Gerald Duckworth, London, 1957.
11. Chaudhari, M. R.—Indian Industries Development and Location—Oxford and IBH Book Co., Calcutta, 1970.
12. Warton Berg (translated by) Von Thunen's Isolated State edited—Peter Hall, Pergamon Press, 1966.
13. Institute of Regional Development Planning : Wardha District Plan Wardha 1965 (Mimeo).

Paper II—*Credit Organisation for Rural Development*—(100 marks).

- A. Changing Role of Banking in Developing Countries : from loaning agency to developing agency—social controls—nationalisation.
- B. Credit Institutions in Rural Areas—
 - (i) Commercial Banks.
 - (ii) Dist. Co-op. Banks.
 - (iii) Land Development Banks.
 - (iv) Primary Agricultural Credit Societies.
 - (v) Agricultural Finance Co-operations.
 - (vi) F.S.S.
 - (vii) Khadi Boards.
 - (viii) S.F.D.A.
 - (ix) Producers Co-op. (Anand Madel).
- C. District Credit Plans : Lead Bank Scheme.
- D. Agricultural Credit :
 - present day credit situation.
 - need for institutional credit agencies.
 - agricultural loan policy.
 - risk and uncertainties in relation to agricultural credit.
- E. Local Finance : Problem-experiences so far—local resources—grants—financial administration.

- F. Credit Extension Schemes of Scheduled Banks—problems associated with their formulation, appraisal and implementation—aspects : technical, economic, financial managerial, organisational, commercial and legal C.E.S. formulated by SBI, CBI, BOI, Bank of Maharashtra.
- G. Role of International Financing Agencies like the World Bank and UN Organisations in Rural Development.

Books Recommended for Reference

1. V. Pirupati Naidu—Farm Credit and Co-operatives, Vora and Company Publishers Pvt. Ltd., Bombay.
2. K. Venkatraman—Local Finance In Perspective Asian Publishing House—Bombay.
3. Lead Bank Schemes—District Credit Plans : New Guidelines : R.B.I. Publication March, 1979.
4. Development Banking in India : Designed by Inter-Publicity Ltd.
5. Eastern Region Workshop on Financing Agriculture.
6. Tare Shukla—Capital Formation in Indian Agriculture : Vora Co. Publishers Pvt. Ltd., Bombay.
7. Belshaw, H.—Agricultural Credit in Economically Underdeveloped Countries F.A.O. Rome, 1959.
8. F.A.O. UN—Co-operative Thrift, Credit and Marketing in Economically Underdeveloped Countries—Development paper No. 34 Rome 1953.
9. Menon, C. R. B.—A Rural Credit Scheme for India Orient Longmans, 1961.
10. Rangnekar, D. K.—Agricultural Finance in India Co-operators ' Book Depot, Bombay, 1951.
11. Report of Rural Banking Enquiry Committee—Part I GOI, 1950.
12. Report of the Committee on Co-operative Credit GOI, 1960.
13. R.B.I. Bulletins.
14. Vadilal Dagli (ed.)—Financial Institutions of India, Vora and Company, Bombay, 1976.

Paper III—*Science and Technology for Rural Development*—(100 marks).

A. *Relevance and Application of Technologies :*

Types of technologies : Simplest technology—intermediate technology—advanced technology.

Socially Appropriate Technology for Rural Development in India.

B. *Application of Science and Technology in the Development :*

(i) Agriculture

(ii) Pisciculture

(iii) Horticulture

(iv) Animal Husbandry

(v) Water Resources

(vi) Energy and Fuel

(vii) Transport and Communication.

(viii) Education.

(ix) Dairy Farming.

(x) Food.

(xi) Health

(xii) Population.

C. *Natural Resources : Investigation—development and rational utilisation ; Mineral resources—water resources—energy resources—atmospheric resources.*

D. *Science and Technologies : Research—Policy—Institution vis-a-vis Rural Development.*

Books Recommended for Reference

1. E. F. Schunaker—Small is Beautiful.
2. U.N.O. (1971)—World Plan of Action for the Application of Science and Technology to Development.
3. U.N.O.—Natural Resources of Developing Countries (Sales No. E-70 II B.2).
4. R. J. Congdon (ed.)—Lectures on Socially Appropriate Technology.

5. Dickson, D.—Alternative Technology and the Politics of Technical Change (London—Fontana—1974).
6. Jon Siguardson and Vaclon Smit—Rural Industrialisation—Some Lessons from China.
7. G. L. Patankar—Recent Development in Gobar Gas Technology—K.V.I. Publication.
8. F.A.O. (1969)—Farm Implements for arid and tropical regions.
9. F.A.O. (1972)—Employment of Drought Animal in Agriculture.
10. Sudhir Sen—Reaping the Green Revolution, Tata McGraw-Hill Publishing Co., New Delhi.
11. Bains, S. S.—‘New Dimension in Farm Technology’ World Science New Delhi, 3 March, 1969.
12. Ensminger, Douglas—Modernisation in the Rice Industry and Agricultural Development in India Ford Foundation, New Delhi.
13. Claud Atvares—Technology and Culture in India, China and West 1509 to the Present: Allied Publishers Delhi, 1979.

Paper IV—*Dissertation*—(100 marks)

“The topic for dissertation should be connected with any aspect of Rural Development and must be based on practical field work, and not merely on library work. A student shall have to work under a guide qualified to teach the course in Rural Development. He can select the topic and start working on it at the very beginning of the course but shall not submit it for evaluation before the completion of four academic terms. The dissertation should be typed and properly bound and shall bear a certificate of completion from the guiding teacher before submission”.

Paper IV—*Social and Cultural—Political Aspect of Rural Development* (for students offering Entire Rural Development)—(100 marks)

A. (1) *Social and Cultural* :

(a) Rural Development and Social Structure : Mutual impact :

—Homogeneous and Heterogeneous

—Property Relationships

—Land reforms—Landownership—Joint family—Co-operative farming—Community farms—State farming.

—Caste relations

—Privileged and Non-privileged.

(b) Rural Development and Social Customs and Beliefs—attitude towards change, family structure—Social mobility.

(2) *Political*—

(a) Role of Political Regimes :

Apter's systems of Government : Mobilisation system
 : Reconciliation system
 : Bureaucratic system.

(b) Rural Development Priorities : Theory of efficiency and increased productivity *v/s.* Theory of maximum social good—elites and experts *v/s.* Masses.

System Approach of Western Sociologist *v/s.* Class conflict, Approach of the Marxists.

B. Evaluation of efforts at Rural Development since 1950 with their impact on Socio Political life of the people.

C. Imperativeness of the Panchayat Raj in the Rural Development.

Books Recommended for Reference

1. Marcus Franda—India's Rural Development: An Assessment of Alternatives : Indiana University Press, London.
2. K. Seshadri—Political Linkages and Rural Development, National Book Agency, Delhi, 1976.
3. Anthony Carter—Elite Politics in Rural India—Cambridge University Press, 1974.
4. Aurora, R. C.—Integrated Rural Development S. Chand and Co. Ltd., Ram Nagar, New Delhi-110 005.
5. Beatrice Pitney Lamb—India A World in Transition fourth edition, New York Praeger Publishers, 1975.
6. A. R. Desai—Rural Sociology in India.
7. Rajni Kothari (ed)—Caste in Indian Politics Orient Long Men's, Delhi.

Paper V—*Administration for Rural Development for Students offering entire Rural Development*—(100 marks).

A. (a) Administration for Rural Development at different levels : From Centre to the village.

(b) Managerial Aspect of Rural Planning :—

Planning—organising, — staffing ; directing—implementing
 controlling—re appraisal.

- B. (a) Critical Study of Reports on the Panchayati Raj by different Study group : Lord Ripon's Resolution ; Balvantrai Mehta Committee ; Ashok Mehta Committee.
- (b) Comparative Study of Working of different forms of Panchayat Raj Systems in different States—Two tier, Three tier and four tier Systems.
- C. Finances of Rural Development Administration.
- D. Role of Voluntary Agencies and Political Parties in the task of Rural Development.

Books Recommended for Reference

1. G. Ran Reddy—Patterns of Panchayat Raj in India.
2. Rajeshwar Dayal—Panchayat Raj in India : Metropolitan Book Co. Pvt. Ltd. Netaji Subhas Marg, Delhi-6.
3. Dey, S. K.—Panchayati Raj—Asia, Bombay.
4. Dey, S. K.—Community Development through Panchayati Raj Ministry of Community Development and Co-operation India.
5. Maheshwari, B.—Studies of Panchayati Raj : Metropolitan Book Co.,
6. Maheshwari, S. R.—Local Government in India, Orient Longman Ltd., Bombay.
7. Marcus Franda—India's Rural Development : An Assessment of Alternatives : Indiana University Press, London.
8. Aurora, R. G.—Integrated Rural Development, S. Chand and Co., Ram Nagar, New Delhi-110 055.
9. Team for the Study of Community Projects and National Extension Service *i.e.* Balvantrai Mehta Committee Report.
10. Report of the committee—Panchayati Raj Institutions : Ashok Mehta (Chairman, Ministry of Agriculture and Irrigation, Department of Rural Development—GOI, 1978.)

**Standard of Passing for each of the Part I and Part II at the
M.A. Examination**

Scheme 'A'

R.1967. Candidates shall be required to obtain 25 per cent marks in each paper/practical at each of the Part Examinations and 40 per cent of the aggregate at each of the Part Examinations, in all the branches.

Those of the successful candidates who pass Part I and Part II examinations and obtain a minimum of 60 per cent of the total marks, will be placed in the First Class and those obtaining a minimum of 50 per cent in the Second Class. Also those of the successful candidates in languages obtaining a minimum of 68 per cent in the total of the six papers in the Principal language and a minimum of 30 per cent of the marks in the total of the two papers in the Subordinate language will be placed in the First Class and those obtaining a minimum of 55 per cent in the total of the six papers in the Principal language and a minimum of 30 per cent of the marks in the total of the two papers in the Subordinate language will be placed in the Second Class.

Scheme 'B'

R.1968. To pass each part of the examination, a candidate shall be required to obtain a minimum of 25 per cent of the marks assigned to each paper and practical where the practicals are prescribed at the University examination, a minimum of 25 per cent of the aggregate marks assigned to the Internal work and the University examination taken together in each paper and practical where the practicals are prescribed, and a minimum of 40 per cent of the aggregate marks obtainable at the examination.

Those of the successful candidates who obtain at least 60 per cent of the total marks obtainable at the two Parts taken together will be placed in the First Class and those who obtain at least 50 per cent of the total marks obtainable at the two Parts taken together, in the Second Class.

R.1969. A student who fails at the Part I or Part II of the examination under Scheme 'B' will be permitted, at his option, to do a fresh internal work on payment of a prescribed fee, for a paper or papers for not more than two years subsequent to his failure at the examination concerned, for the purpose of improving his marks for the internal assessment.

A student who does the fresh internal work in accordance with the above provision shall not be entitled to claim marks obtain by him for his previous internal assessment.

**2. M.A. by thesis in History, Economics, Sociology, Politics,
Philosophy, Psychology, Ancient Indian Culture and
Mathematics.**

O.2262. A thesis can be submitted under the following Ordinance only in History, Economics, Sociology, Politics, Philosophy, Psychology, Ancient Indian Culture and Mathematics.

O.2263. Any person who has passed the Bachelor of Arts examination in a subject at least in the Second Class of this University or of another University recognized as equivalent thereto shall be eligible for admission to the Degree of Master of Arts (by thesis), in the subjects mentioned in O.2262 viz. : History, Economics, Sociology, Politics, Philosophy, Psychology, Ancient Indian Culture and Mathematics.

O.2264. Every candidate must, unless specially exempted by the Executive Council as provided in Ordinance 2262 work under a University Professor, a whole-time University Teacher or under a teacher who is recognized by the University for the purpose. He shall register as a post-graduate research student at the office of the University Registrar within one month of his admission as a research students.

O.2265. On completion of a period of four terms or two calendar years as a post-graduate research students, a candidate may submit a thesis for the Degree, provided that the University Professor or a Teacher, who is recognized by the University for the purpose under whom he has been working certifies that it is worthy of examination.

O.2266. Two months before submitting the thesis, the candidate shall forward to the Registrar, through his University Professor or Teacher who is recognized by the University for the purpose, a statement giving the title and a synopsis of the thesis along with the prescribed fee.

O.2267. No further fee shall be charged to a candidate who re-submits his thesis for examination under the latter part of Regulation 1975.

Regulation

R.1970. Candidates are permitted to submit thesis at any time during the year subject to the provision of Ordinance 2266.

R.1971. The candidate shall submit his thesis in triplicate.

R.1972. The thesis shall be the candidates own work carried out under the guidance or supervision of his teacher.

R.1973. The thesis shall be either (i) a critical analysis of existing data, or ((ii) a record of investigation or (iii) combination of these two.

R.1974. The thesis shall be referred for examination and report to not less than two and not more than three referees, to be appointed by the Executive Council, on the recommendation of the relevant Board of Studies and the Academic Council, one of the referees being always the guiding teacher. The

referees shall make their report after valuing the thesis, and holding a *viva-voce* examination of the candidate to test his knowledge of the subject of the thesis. The referees shall report to the Executive Council whether the thesis shall be accepted or rejected and their reports shall be final. One of the referees, other than the guiding teacher, shall be a person residing in India who can conduct the *viva-voce* examination jointly with the guiding teacher. The *viva-voce* shall be held only after the thesis has been valued by all the referees, and at the time of holding it, the referees conducting the *viva-voce* shall have the thesis in their hands. Where only two referees are appointed, and there is a difference of opinion between them, the Executive Council shall appoint a third referee, and shall decide whether the degree be conferred or not after considering the report of all the three referees. All the reports shall be circulated to the members of the relevant Board of Studies and placed before the Academic Council for information.

R.1975. A thesis that has been rejected may be submitted again after due revision and subject to the provision of Ordinances 2265 and 2266 and Regulation 1972.

1. Languages (Eight Papers)

R.1976. Subject to the proviso hereinafter contained and consistently with the options given below, candidates must offer any two languages, one of them being taken as a Principal language and the other as a Subordinate one. There will be six papers in the Principal language and two in the Subordinate language.

Provided that a candidate offering any of the languages as Principal language shall have the option of taking two additional papers in Linguistics or two additional papers in Comparative Literature or two additional papers in Aesthetics in lieu of the two papers in a Subordinate language. *Provided further that in the case of candidates taking a language as a principal language in which eight paper scheme is introduced, shall have the option of taking two additional papers from the same language which they take as Principal language in lieu of the two papers in a Subordinate language or in Linguistics or in Comparative Literature or in Aesthetics.*

(Incomplete)

Bombay,

28th January, 1982

Sub. National Systems Unit,
National Institute of Education

Human Resources and Administration

17-B, S. V. K. Road, New Delhi-110016

Doc No. 2732

Date 30.10.82

NIEPA DC



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G. M. RAJARSHI
University Registrar.

J. 1837-1675-1-81.