SYBA (Ext)  

12

नीतीष वर्ष बी.ए. संकल्प (2012)-नी परीक्षा मार्ग

(सामान्य सुरक्षा : दो से प्रश्नांक पर दस टा आंतर्निक मेंदिक प्रश्न गूढ़वामां आवश्यक)

प्रश्न 3 : (मुख्य अने गोष्टी)

(क) विद्यमानीयम् : हिंदुस्तान

(ख) शिल्पिका (संपूर्ण) : पुपमण

(ग) वाक्यरचना (क, भ, आस) 

Units : I विद्यमानीयम् : अनुपाद अने संरचन

II वाक्य परिश्रम, विद्यमानीयम् साहित्य ध्वनि, आधारस्वरूप अने नाट्यात्मक परिभाषण

III उत्कृष्ट नाटकानी पानमूड, रचनात्मक, रैखिक योग्य साहित्यिक मूल्यांकन

IV विद्यमानीयमांगी मात्र पूर्णपर संरचन (अनुपाद विना)

V सर्वनाश दी, भु, अस वाताना बलकन पूर्णांकास उपाध्यक्षांना जस पाठांमध्ये वाक्योनी स्थान.

प्रश्न 4 : (मुख्य अने गोष्टी)

(क) ममतानी कायमक्षाला (२ अने १०मांबी नीवनां अवकारो) :

१. उपभाषा, (बेड सिवघ) 

२. उपभाषा 

३. रिपोर्ट 

४. अभीनुमति 

५. संगीत 

६. संसाधन 

७. निदान्त 

८. व्यवहार 

९. व्यवहार 

१०. व्यवहार

(ख) तसा साहित्यः-भर्तिका-ख (अधिक १ शी १० ने १२७ शी १२१).

Units : I कायमक्षाली विधार परिवर्तनां (टूटक) परिश्रम, प्रेमदृढ़ता, विधात, कायमनां प्रमोजन, गृह, व्यक्तिक, रिपोर्ट सुधि, कायमक्षाल.

II कायमक्षाला उपभाषा २ अने १० (प्रिगत अंश) ना संरचन.

III साहित्य ध्वनि परिश्रम, २ शी १२ अधिकास्यां.

IV साहित्य ध्वनि परिश्रम, (२ शी १२ ने १२७ शी १२१)

V (१) अवकार (प्रिगतम) व्यक्ति, उपभाषिक, मार्गी 

(२) अवकार : सामान्य अने बेड 

(३) अवकारी आश्रय (उपभाषा-१०मांबी अधिक)

प्रश्न 5 : वेळ अने वैदिक साहित्यानां अन्वालकम (नवं ‘मुख्य विषय संकल्प’ सामानारां मार्ग)

(क) क्रांतेदाने नीवनां दा सुखाने अन्वालकमां निमित्त कथां शी : 

१. अनुसंधान (क्रांतेदान १-१) 

२. उपभाषाक (१-३२) 

३. विश्वास नक्षत्र संसाधनक (३-३३) 

४. उपभाषा सुधा (५-५०) 

५. विद्यमानां सुधा (१०-१२१) 

६. संसार सुधा (१०-१२१)

(ख) क्रांतेदाने विशेषस्थापनां

(ग) वैदिक साहित्यासारं विधिवा मार्ग, ओर वेळ तसा उपभाषिके

Units : I क्रांतेदाने निमित्त दा सुखाने अनुपाद अने सम्बंधी 

II वैदिक व्याख्या : १. विभाषक, २. स्वर्णांत्रक, ३. चिन्द, ४. वैदिक संकेतस्वर, प. उप अनुपादात

III निमित्त सुखाने रसदर्शन, वैदिक परिश्रम
IV (1) कोणपत्राच (अनुवाद अने समर्थक)  
(2) उपनिषदांनी परिचय अने क्रमांकांचा मानती धार्मिक विचारधारा  
V (1) विद्यां एवढांचा व्रत तरीका परिचय अने अनुसरण विचार, समय, वर्ष समाधान  
(2) उपनिषदांनी परिचय अने उपनिषदांच्या तत्त्वात्मक (ईश, केन, प्रल, मुंड) अेकांना उपनिषदांची प्राथमिक विचारधारा बनाची होती. (पुस्तक)
Following Lessons:
- KALMAT NUSHA LIL MUSLEMEEN
- ABDJWWAN YUSALEMAN
- ABU HANIFA AN NUAMAN
- BAGHDAD
- SA'AT MAALFUZAYL
- AKHIR-O-MAQTULIL HUJJAJ
- TADBIR-I-HARB I & II

Unit I:
1. General and critical question
2. Brief life sketch of:
   1. Shah Waliullah Dehlvi
   2. Ibnul Muqaffa
   3. Qazi Ibnul Khalkan
   4. Al Bustani

Unit II:
Textual question about prescribed lessons of the text.

Unit III:
Reproduction on the topics, related to the lessons of the Text-book.

Unit IV:
Translation of the (unseen) Prose Passage.

Unit V:
Translation Paragraph. (Textual)
1. Lesson 1 & 2, Page No. 51 to 56
2. Lesson 3 Page No. 74 to 80
3. Lesson 4 & 5, Page No. 111 to 120
4. Lesson 6 & 7, Page No. 143 to 146 and 150 to 152

Paper V
(a) Development of Al Ulumush Sharaiyah In Umayyid & Abbasids Periods
(b) Translation of unseen Arabic prose & poetry into language of medium
(c) Translation into Arabic of prose passage.

Units
Units I:
1. Development of Ilumush Shriyah in Umaiayah Period.
2. Development of Islamush Shariyah in Abbasi Period
3. Eminent "Ulma wa Fuzla" (Islamic Scholars). in Umaiayah period.

Unit II:
1. Eminent Islamic scholars in abbasi Period
2. Salient feature of Ilm-I-Fiqa
3. Poets & Writers of Umaiayah period.

Unit III:
1. Eminent Poets and Writers of the age of Abbasids Period.
2. Establishment of the Abbasids Dynaoty
3. Salient feature of Ilm-I-Tafseer

Unit IV:
Translation of (unseen) prose Passage and verses in to Arabic.

Unit V:
Translation of (unseen) Arabic prose passage and verses in to the language of the medium.
Unit I :
- General Questions
  - Life of Ibn-e-Yameen
  - Different kinds of Persian poetry
  - Qita-its development & Origin
  - Evaluate Ibn-e-yameen as a poet.

Unit II :
- General Questions
  - Literary & ethical importance of ibn-e-yameen’s Qatat.
  - Style & peculiarities of Ibn-e-Yaman’s literary works.
  - Patronage of Ibn-e-Yameen
  - Subject-matter of “Qatat-e-Ibn-e-Yameen”

Unit III :
- Translation o & Explanation :-
  - Qita No. 1 to 6
  - Qita No. 7 to 12
  - Qita No. 13 to 19
  - Qita No. 20 to 25

Unit IV : Grammer
- Figure of speech
  - Tasbih, Trado-Aks, Talmeeh, Laffo Nashr
- Scantion
  - Meters
  - Behr-e-Hizaj Mussamman Salim,
    Mudar-e-Musamman Akhrab,
    Behri-e-Rajaz Musamma Salim
- Annotations-
  Related to the ‘Qatat’

Unit V :
- Objective Type Questions related to the syllabus of the prescribed paper.

BOOKS RECOMMONDED
(1) Tarikah :- Adabiyat-e-Iran by Zabiullah Shafa
(2) Tarikah :- Adabiyat-e-Iran by Raza Zada Shafaque
(3) History of Persian Literature by Dr. N.H. Ansari
(4) G E hist. of Persia by E.G. Brown
(5) Shearul Ajam by Maulana Shibli
(6) Sheraro Adab-e-Farsi by Mautam
(7) Post Revolution persian verses by Minubur Rehman.
Unit I:
- General Questions
  - Life of Shaikh Sadi
  - Literary works of Shaikh Sa’di Shirazee
  - Kinds of Persian prose
  - Literary & Ethical importance of “Gulistan-E-Sadi”

Unit II:
- Brief history of ethical literature
- The political condition of the age of Shaikh Sadi
- Literary condition of the age of Shaikh Sadi Shirazee
- Evaluation of “Gulisan-E-Sadi”

Unit III:
- Translation & Explanation
  - Chapter III: “Dar Fazilat-e-Qanat’’
  - Chapter - VII: “Dar Tasir-e-Tarbiyat”

Unit IV:
- Reference to context-related to the chapters
- Annotations
  - Topics related the chapters.

Unit V:
- Objective Type questions related to the syllabus of the prescribed paper.

**PAPER V**

(A) Form of Literature Mathnawi,
(B) Precis writing of the given persian passages and verses
(C) Comprehension of Persian Passage

Unit I:
- Origin and Development of persian Mathnawi
- Kinds of persian Mathnawi
- Eminent Mathnawi writer

Unit II: Introductory
- Mathnawi-e-Manvi
- Khamsa of Nizami Ganjawi
- Haft Orang of Jami

Unit III:
- Precis writing of persian passage & Verses

Unit IV:
- Comprehension of Persian passage

Unit V:
- Objective Question about Mathnavi & Mathnavi writer

**Books for Reference**

(1) Tarikh-e-Adabiyat-e-Iran by Zabihullah Shafa
(2) Tarikh-e-Adabiyat-Iran by Dr.Raza Zada Shafaque
(3) Hist.of Persian Literature by Dr.N.H.Ansari
(4) A literary list of Persian by E.G. Brown
(5) Shearu Ajam by Moulana Shibli
(6) Shao Adab-e-Farsi
(7) Hayat-e-Jami by Aslam Jairajpuri.
(1) Indian patronage to Persian language & Literature  
(2) Modern Persian Literature

Unit I:
- Development of Persian language in Mughal period
- Love and Attraction of Non Muslims Towards Persian language
- Development of Persian language & literature in India

Unit II:
- Translation activities of Akbar’s Regema
- Encouragement of Muslims Emperor Towards Persian Literature
- History writing in Mughal period

Unit III:
- Origin and Development of Modern Persian
- Eminent Modern Persian poets
- Modern Persian prose

Unit IV:
- Difference between Ancient and Modern Persian poetry
- Modern Persian Drama
- Eminent Persian prose writer

Unit V:
- Role of Journalist for the political revolution in Iran.
- Modern Persian Novel
- Men of pen and their contribution in Modern Persian.

Books Recommended:
(1) Bazm-e-Jaimuriyah by Saiyed Sabahuddin
(2) Bazm-e-Mamlukiyah by Saiyed Sabahuddin
(3) Sherul Ajam by Maulana Shibli
(4) History of Persia by E.G. Brown
(5) Modern Persian prose Literature by Kamshad
(6) Post Revolution Persian verses by Munibur-Rehman
(7) Sukhan Waran-e-Iran by M.Rehman Ishaque
(8) Tarikh-e-Mashrufiyat-e-Iran by Saiyed Ahmed Kisravi

COMPULSORY ENGLISH
S.Y.B.A. Stream ‘A’, ‘B’ and English Medium
S.Y.B.A Stream "A"

Prose Section:
Text: Varieties of Expression:

To be Omitted:
- Prose: J. C. Bose, The Position of Women in Ancient India.
- Drama: The Rising of the Moon, Riders to the Sea, Lithuania.

S.Y.B.A. Stream ‘B’

Prose Section:
Text for Prose: Fantasy Published by Orient Longman
[Note: 'Lessons 8 & 10 are to be dropped]
SECOND YEAR B.A. ENGLISH SPECIAL AND SUBSIDIARY
2009-2010 and until further notice

Paper III History of English Literature (1550-1660)

Units 1-2: Following topics are prescribed for two questions:
- Characteristics of the Elizabethan Age
- Drama before Shakespeare
- University Wits
- Shakespeare
- Ben Jonson
- Elizabethan Poetry
- Prose during the Elizabethen Age
- Jacobean Drama
- Milton
- Metaphysical Poets.

Units 3-4: Two texts, illustrative of the major trends of the period, will be prescribed:

Text-1 Hamlet: William Shakespeare

Text-2 Poems by Ben Jonson

Following poems are in the syllabus:
1. Aeglamour's Soliloquy
2. A Fit of Rhyme Against Rhyme
3. The Hour-Glass
4. How He Saw Her
5. Hymn to Cynthia
6. Hymn to the Belly
7. On Lucy, Countess of Bedford
8. On My First Son
9. On Poet-Ape

Unit 5: Acquaintance with the works of writers of this period
This will be an objective type of question in which the students will be asked to write the name of the author, the year of publication, the form of the work and the age (period) to which it belongs:

List of Titles for Acquaintance

1. Apologie for Poesy
2. School for Abuse
3. The Corny-Catching Tracts
4. Advancement of Learning
5. Religio Medici
6. The Shoemaker's Holiday
7. Rosalinde
8. Tamburlaine
9. The Spanish Tragedie
10. The Alchemist
11. Eupheus
12. Shepherd's Calendar
13. Arcadia
14. Astrophel and Stella
15. Heroical Epistles
16. Hero and Leander
17. Venus and Adonais
18. The Anniversary
19. Aeropegetica
20. The Mistress

**Recommended Books**

1. A Concise Cambridge History of English Literature - George Sampson
2. A concise History of English Literature - Arthur Compton - Rickett
3. A Compendious History of English Literature - R.D. Trivedi
4. History of English Literature - Edward Albert (Fifth Edition)

**Paper IV History of English Literature (1660-1798)**

**Units-1-2. Following topics are prescribed for two questions :**

- Characteristics of Restoration Age-Restoration Poetry-Restoration Drama-Comedy of Manners
- Characteristics of Neo-Classical Age-Growth of the Periodical Essay-Growth and Development of the Novel
- 18th Century Drama - Sentimental/Anti - Sentimental Comedy

**Units-3-4 :**

- Two texts, Illustrative of the major trends of the period, will be prescribed.

**Text-1 :**

- Alexander Pope : *The Rape of the Lock* :

**Text-2 :**

- The Way of the World : William Congreve

**Unit-5 :**

**Acquaintance with the works of the writers of this period :**

This will be an objective type of question in which the students will be asked to write the name of the author, the year of publication, the form of the work and the Age (period) to which it belongs :

**List of Titles for Acquaintance**

1. Decline and Fall of the Roman Empire
2. All for Love
3. Absalom and Achitophel
4. She Would if She Could
5. The Plain Dealer
6. The Way of the World
7. Essay on Dramatic Poesy
8. The Pilgrim's Progress
9. Robinson Crusoe
10. Gulliver's Travels
11. Dunciad
12. Beggars Opera
13. Elegy Written in a Country Churchyard
14. Poems Chiefly in a Scottish Dialect
15. The Deseret Village
16. The Seasons
17. A Tale of a Tub
18. She Stoops to Conquer
19. Tom Jones
20. Pamela.
Units-1-2 :
(a) Nature of Criticism and its various functions
  Literary critic-his qualities & his role in criticism
(b) Plato — Theory of Imitation
  Aristotle — Tragedy, Imitation
  Longinus — Sublimity.
  Horace (Art of Poetry)

Unit-3 Figures of Speech : (Any Five)
1. Simile
2. Metaphor
3. Personification
4. Apostrophe
5. Pun
6. Alliteration
7. Onomatopoeia
8. Antithesis
9. Paradox
10. Oxymoron
11. Irony
12. Litotes
13. Climax
14. Anticlimax
15. Hyperbole
16. Transferred Epithet
17. Metonymy
18. Synecdoche
19. Assonance
20. Euphony.

Unit-4 : Acquaintance with literary terms : (Any Three)
  Classicism, Realism, Naturalism, Existentialism, Theatre of the Absurd, Medievalism, Post modernism,
  Feminism, Postcolonialism Multiculturalism.

Unit-5 : Appreciation of a Poem

Recommended Books
1. Making of Literature - R.A. Scott James

S.Y.B.A. ENGLISH, SECOND SUBSIDARY, PAPER VII

Unit 1 : Reading : An abridged novel will be prescribed
  Text : Charles Dickens : Oliver Twist

Unit 2 : Comprehension : A prose passage of about 400 words will be set. Inferential and interpretative question will be asked.

Unit 3 : Precis Writing : A prose passage of about 350 words will be set for precis writing

Unit 4 : Composition : Writing Letters, Formal Applications, Business Letters, Letters to the Editor etc.

Unit 5 : Translation from English of a small passage of about 200 words in Gujarati or Hindi.


dhītyā yē. (2012)ē ni pārīkṣā māte

prānasat-3 : nabāvīka sākhīya swāpnaō amāyāsā:

(1) gujārātīi vātāi sūṣṭā : bālāv ḍhavāvāpurā
(2) ḍhavāma maṇḍaṇ vāga-1 pūsakētu

āvēkā 1 : (a) sākhīyakvāmā swāpnaō vibhāvāna
(3) ke te sākhīya swāpnaō vābānā

āvēkā 2 : (a) mūpu swājīō anē kūtīno
(4) gujārātīi sākhīyakvāmā tēno udāmb-vidāl
(5) sāmbhāt śhīrītā

āvēkā 3 : prāthān kūtīna sāmāyā prānno
āvēkā 4 : bījē kūtīna sāmāyā prānno
āvēkā 5 : bhēnē kūtīnāmāsē aṁōjēdēvī prānno pūcchvā.

sandām āṃcēā:

(1) gujārātīi sākhīyakvāmā īttīkāsambāg-3 vēi 5
(2) gujārātīi sākhīya kāsē vāga-2 anē 3
(3) ḡūḍkē vātāi anē gujārātīi ḍūḍkē vātāi : jhānt kēkārī
d(4) vātāi gōchā : bālāv ḍhavāvāpurā.

prānasat-4 : śrēkār : kāṇēvālāv mālēkāval mūnāthī

(1) kātānī śakshī (nātā)
(2) gujārātānā nāth (nāvāknya)

āvēkā 1 : (a) vēpēkānā jēmēsamānī sāṅṅkūtik kūtīkātāmānā pārīṇāno
(3) vēpēkānā sāmbhā swākhīyakvāmā pārīṇā
(4) vēpēk tēre ke vāsēṃtānām, vēpēkānā sāṅṅkūtik kārno prāmāv aṁōjēdēvīk kē te tāṅṅkūtik dēstē vēpēkānā sāṅṅkūtik prādhānānā mūlaṅkān (aa prām aṁōjēdēvī swāpnaō pūcchvā)

āvēkā 2 : prāthān kūtīna sāmāyā prānno
āvēkā 3 : prāthān kūtīnī ḍūḍkē nāmēē
āvēkā 4 : dhītīmā kūtīnā sāmāyā prānno
āvēkā 5 : dhītīmā kūtīnī ḍūḍkē nāmēē.

sandām āṃcēā:

(1) gujārātīi sākhīyakvāmā īttīkāsambāg-3 vēi 5 (4) nātēkānā swāp na vēi vīkāl
(2) gujārātīi sākhīya kāsē vāga-2 anē 3 (5) mūpu śakshī aṁdē vyākhyān
(3) gujārātīi nāvākṇya-stuṅgēr kēkārī (6) aṁōjēdēvīk nāvākṇya-jhānt vyāsā

prānasat-5 : mahākāvīnī gujārātīi sākhīyakvāmā īttīkāsā anē suśrūkṣaṁūṇ

āvēkā : 1

(a) mahākāvīnī gujārātīi sākhīyakvāmā prāmāv kālānaō anē pārīṇāno
(b) mahākāvīnī sākhīyakvāmā vēsē dēreṇā raṅgēkē teṃ j sāṅṅkūtik kūtīk sāmbhā pārīṇāso bhāav
(c) mahākāvīnī sākhīyakvāmā prāmāv prāvālānaō pārīṇā

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हिंदी
(वर्ष : 2009-2010 से लागू)
प्रश्नपत्र 3 : छायावादीतर काव्य (मुख्य और गौरव विषय के छात्रों के लिए)
पुस्तक : छायावादीतर हिंदी कविता : संपादक डॉ. आलोक गुप्ता, प्रकाशक, जयभारती प्रकाशन, इलाहाबाद।
संकलन के निम्नलिखित आठ कवियों की कविताएँ पाठ्यक्रम में समाहित हैं : नागार्जुन, अंबेडकर, नरेश महेश्वर, भवानीप्रसाद मिश्र, सर्वेश्वर दयाल साङ्केतिक, फूमिल, उदय प्रकाश, अरुण कौशल।
सूचना : उपयुक्त सात कवियों की कविताओं को केन्द्र में रखकर आलोचनात्मक एवं संक्षिप्त प्रश्न पूछा जाना आवश्यक है।

संदर्भ ग्रन्थ :
1. हिंदी कविता - लीन दशक : डॉ. रामदर्श मिश्र 3 याख्याएँ
2. अंग्रेज़ी - एक अध्याय : डॉ. गोलाभाई बटेल 2 आलोचनात्मक प्रश्न
3. सप्तकाक्य एवं अंग्रेज़ी : डॉ. रजनीकांत जोशी 2 संक्षिप्त प्रश्न...
4. समकालीन कविता : विश्वचारप्रसाद तिवारी ५ संक्षिप्त एवं वस्तुनिष्ठ प्रश्न
5. नया काव्य - नये मूल्य : डॉ. ललित शुक्ल
6. छायावादकोतर हिंदी नीतिकाय : डॉ. सुरेश गीतम
7. धूमिल और परिवर्ती जनवादी कविता : डॉ. श्रीराम निपाडी

प्रश्नपत्र ४ : निबंध एवं अन्य गद्दी विषय (मुख्य और गौरव विषय के छात्रों के लिए)
1. पुस्तक : रेखानिक या आचारिक : महादेवी वर्मा - प्रकाशक : राजपाल एंड संस, दिल्ली।
2. गद्धनिकाय : संपादक, प्रेमशंकर मिश्र - प्रकाशक जयभारत प्रकाशन, इलाहाबाद

सूचना : 'रेखानिक' की सभी (आठ) रचनाएँ पाठ्यक्रम में हैं।
'गद्धनिकाय' में से शारणदाता (अंग्रेज़ी), दिल्ली में एक मौत (कमलेश्वर), घीरा (महादेवी वर्मा) तथा मान जा मेरे मन (रामेश्वरसिंह कश्यप) - इन चार रचनाओं को छोड़कर शेष सभी गद्ध रचनाएँ पाठ्यक्रम में हैं।

संदर्भ ग्रन्थ :
1. महादेवी का गद्ध : सूच्य प्रकाश दीक्षित, 3 याख्याएँ
राधाकृष्ण प्रकाशन, दिल्ली। 2 आलोचनात्मक प्रश्न
2. महादेवी : संपादक इन्द्रनाथ मदन 2 संक्षिप्त प्रश्न
राधाकृष्ण प्रकाशन, दिल्ली। 15 संक्षिप्त एवं वस्तुनिष्ठ प्रश्न
3. महादेवी (मूल्यांकन) : डॉ. परम्पर्य श्रीवास्तव, लोक भारती प्रकाशन, दिल्ली।
4. हिंदी का गद्ध साहित्य : डॉ. रामचन्द्र तिवारी, विश्वविद्यालय प्रकाशन, दिल्ली।
5. हिंदी साहित्य और संवेदना का विकास : रामस्वरूप चतुर्वेदी।

प्रश्नपत्र ५ : प्राचीन एवं समकालीन हिंदी साहित्य का इतिहास (मुख्य विषय के विषाणियों के लिए)

इकाई १ - आदिकाल : पूर्वपीढ़ीका और प्रवृत्तियाँ :
(क) हिंदी भाषा : उदयभाष और विकास
(ख) आदिकाल : नामकरण की समस्या, समय निर्धारण।
(ग) आदिकाल : परस्तितियाँ :
[९] राजनीतिक [२] धार्मिक [३] सामाजिक [४] सांस्कृतिक [५] साहित्य
(घ) आदिकाल : प्रवृत्तियाँ :
[३] सिद्ध साहित्य [३] जैन साहित्य [३] नाथ साहित्य [४] राजस्व साहित्य [५] लोकिक साहित्य

इकाई २ - भक्तिकाल की पूर्वपीढ़ीका और निर्गुण भक्तिकायः
(क) भक्तिकाल : परस्तितियाँ :
[३] राजनीतिक [२] सामाजिक [३] सांस्कृतिक
(ख) भक्ति - आंदोलन
(ग) निर्गुण भक्ति का स्वरूप
इकाई - 3 - संगण क्षितिकायः

(क) वैण्डर क्षिति का उदय
(ख) वैण्डर क्षिति के प्रतिकायः आचार्य
(ग) हिंदी संगणकति कायः नामवाची और क्षितियाँ
(घ) हिंदी अपक्षितकति कायः नामवाची और क्षितियाँ

इकाई - 4 - रीतिकायः

(क) रीतिकायः नामकारण
(ख) रीतिकायः परिक्षितियाँ: [१] राजानीति [२] सामाजिक [३] सांस्कृतिक [४] साहित्यिक
(ग) रीतिकायः क्रियाओं का परिचय
(घ) रीतिभर्द कायः
(ङ) रीतिमुक्त कायः

इकाई - 5 - प्रमुख कृतिकार और कृतियाँ

(अ) प्रमुख कृतिकारः

(१) अमीर खुसौरी (२) विप्रपति (३) कवीर (४) मालिक मुहम्मद जायसी (५) मीराबाई (६) रसखान (७) देव
(८) चननान्त (९) अखा (१०) दयारामः

(आ) प्रमुख कृतियाँः

(१) पुरूषीराज रासी (२) ढोला-माँड़ू दूहा (३) चन्द्रबाई (४) रामचंद्राण (५) सूरसागर (६) भक्तमाल (७) कविप्रथ्या (८) शिवा बावनी (९) बिहारी -सतसाई (१०) प्रवीण सागरः

संबंध ग्रन्थः

१. हिंदी साहित्य का सुवोध इतिहासः गुलाब राव ४ आलोचनात्मक प्रस्त
२. हिंदी साहित्य का इतिहासः रामचंद्र शुबल २ संक्षिप्त प्रस्त
३. हिंदी साहित्य का इतिहासः सं. डॉ. नगेन्द्र १५ वर्तमान एवं लघूतरी प्रस्त
४. गुजरात के हिंदी गंगव ग्रन्थः डॉ. अंबासाकर नागर
५. गुजरात के हिंदी साहित्य का इतिहासः डॉ. रमणलाल पाठकः

प्रश्नपत्र ६: सामाजिक हिंदी (द्वितीय गौण विषय के विद्याधियों के लिए)

१. पुस्तकः गद्य पुस्तकारीः संपादक डॉ. शहाबुद्दीन शेख, डॉ. सुरेशकुमार जैन, प्रकाशक, राजपाल एंड सन्स, दिल्लीः

सूचनाः संकलन में से निर्माणित रचनाएँ पाठयक्रम में हैः

(१) आस्त्पकों की होली (९) संदर्भ का तत्वज
(२) ममता (१०) एक बड़े अस्पताल के बारे में
(३) आतिथ्य (११) महात्मा गांधी
(४) चीफ की दावत (१२) गायकः
(५) अकेली (१३) जमनोत्रों की यात्रा
(६) सुमानसी

२. गद्यांशः संक्षेपण (१३ संक्षेप या प्रश्नोत्तर)ः पूर्वांशः सुक्ति-सुवाच्य का विचार विस्तारः
3. शब्दज्ञ नर (पर्याय विलोम अंकार्थी)

4. कहावत-मुहावरे (पाञ्जाबी संस्कृति में प्रगति) एक वर्तमानी शुद्धि ।
   2 आलोचनात्मक प्रश्न
   2 संक्षिप्त प्रश्न
   2 संक्षेपण तथा पर्याय
   6 शब्दज्ञ तथा वर्तमानी शुद्धि
   2 मुहावरे और कहावतें
   १४ वस्तुनिष्ठ लघुतरी प्रश्न

S.Y.B.A. SINDHI Examination - 2011

Paper-III : Poetry :

Books Prescribed :
(i) “Virhange Khan Poi Jo Sindhi Shair” Ed. by Dr. H. I. Sadarangani
(Only following Poets : Narain shyam, Krishin Rahi, Inder Bhojwani,
Prabha vafa, Harish Vaswani, M. Kamal, Arjan Hasid)
(Published by Sahitya Academi New Delhi).
(ii) Sindhi Lok Kahaniyoon by Shri Satramdas sayal (First Five Surs)

Paper-IV : Prose Books Prescribed :
(i) “Guda Gudyun ” (Full Length Drama) By : Lakhmi Khilani
(ii) “Muhinji Hayatia Ja Sona Ropa Varqa” (Autobiography)
     By : Popati Hiranandani

Paper - V : History of Sindhi Literature upto 1947 :

Books Recommended :
(i i ) History of Sindhi Literature (English) By : L. H. Ajwani
(ii ) Sindhi Adab Ji Tarikh (Sindhi)-By : L. H. Ajwani To. by Hiro Shewkani
     Both Book Published by Sahitya Academi, New Delhi.
(iii ) SINDHI NASUR JI TARIKH-by M. U. Malkani
(iv ) Sindhi Nazam Ji Tarikh—Lilo Ruchandani.

Subsidiary-II : Books Prescribed :
“Choond Sindhi Kahaniyoon Part-II Ed. Krishin Khatwani & Others Published by Sahitya Academi, New Delhi. (First 12 Stories only).

S.Y.B.A. URDU Examination

Paper III (Poetry)

Detailed Study of “Ghazal”
Intikhab-e-Ghazaliyat-e-”Meer” Page No.41 to 56 (Omission Qata’t)
By Molvi Abdul Haque - Anjuman-e-Taraqqi-e-Urdu,
New Delhi

UNITS

Unit I :
• Urdu Ghazal Ibteda aur Irtiqa
Urdu Ghazal ki Ta’rif aur Haiyat
Urdu Adab ki chand asnafe sukhan Quasida, Mathnavi, Qatat, Rubaiyat
Urdu Ghazal ki Ahimiyat aur khususiat

Unit II :
- Meer, Nasab, Khandan, Paidaiesh, Bachpan, Tarbiyat.
- Hyat-e-Meer, Delhi Aur Lakhnav
- Meer ka Daur-e-Janun.
- Ghazaliyat-e-Meer ke Mozuat

Unit III :
- Meer Ke Kalam ki khususiyat
- Meer ke Ham Asar Shoara
- Meer ke Ahad ke siyasi Aur Adabi Halat
- Talamaza-e-Meer

Unit IV :
- Ashar ki Tashri

Unit IV :
- Objective Question

Reference Book

(1) Ghazaliyat-e-Meer ke Uslubiyat - Shahid parveen
(2) Urdu Ghazal Goi - Chirag Gorakhpuri
(3) Meer ki aapbiti- Dr. Nisarahmed
(4) Meer Fun Aur Sakhsiyat - Nazeerahmed
(5) Meer Sanasi - Shakilur Rehman
(6) Urdu Ghazal men Alamat Nigari - Anis Ashfaque
(7) Mohammed Taqui Meer - Jameel Jalibi

Paper IV: Form of literature: Drama
- Silver king by Aagha Hasar Kashmiri

UNITS

Unit I :
- Drama Ta’rif aur Ajza-e-Tarkibi
- Drama unani (Quadeem) Ibteda-o-Irtiqua
- Drame ki Qismen (Haiyyat ke Hawale se)
- Drame ki Qismen (Mauzuat ke Hawale se)

Unit II :
- Hindustan men Drame ki Ibteda-o-Irtiqua
- Urdu Adab men Drame ki Ibteda
- Urdu Adab ke chand Ibtedai Drama Nigar

Unit III :
- Aagha Hasr ki Swane hayat
- Aagha Hasr ki Drama Nigari
- Silver king ka plot
- Silver king ke Ahem kirdar
- Silver king ki makalma Nigari

Unit IV :
- Silver king ka Tanqidi Jayza
- Agha Hasra ke Chand Mashur Drame
- Agha Hasra ke Ahed ke Mashhoor Drama nigar
Silver king ka Tareekhi pas Manzar

**Unit V:**
- Objective Question

**Reference Book**

1. Urdu drama fun Aur manzile - Waqar Azeem
2. Urdu drama Nigari - Qamar Hasmhi
3. Urdu drama Azadi ke baad - Mansoor Ansari
4. Apna Urdu Drama - Shahid Zarmi
5. Urdu Stage Drama - Tarikh-o-Tanquid - Dr. Jaydev Singh
6. Urdu Drame ka Tanquidi Jayza - Ibrahim Yusuf
7. Agha Hasr ke Drame Aur Unka Tanquidi Mutala - Dr. Shafi

**Paper V: (Principal Only)**

History of Urdu literature from the beginning upto ‘vali’ (vali is included)

**Unit I:**
- Urdu Zaban-o-Adab ki Ibtdea Aur Irtequa.
  - Saiyed Salman, Ameer Khusru, Kabir, Guru Nanak, Nam Dev, Waghairah ka Urdu

**Books Recommended**

1. Tareekh-i-Adab-i-Urdu, By Jammel Jalibi
2. Tareekh-i-Adab-i-Urdu, By Rambabu Saxena
3. Sukhanwarn-i-Gujarat By Zahiruddin Madani
4. Dakhni Adab ki Mukhtasar Tareekah By Nairuddin Hashimi
5. Dakan men Urdu By Hashimi
6. Urdu Adab Ki Tanqidi Tareekh by Saiyed Ehtesham Husain

**Paper VII (Second subsidiary)**

1. Influence of Islamic Civilization of Indian culture and society
2. Contribution of Hindus to Urdu Literature
3. Contribution of Urdu to towards Propagation of other religion besides Islam

**Unit I:**

1. Orgen and Development of Urdu
2. Contribution of Non-Muslims in the Dev. of Urdu
4. Contribution of Ameer Khusru in Urdu

**Unit II:**

1. Ved, Vedant and Upnishad
2. Kabir Panth.
3. Theosophical Society
4. Radha Swami Mat
5. Dev Samaj
6. Similarity of Ibadat and Bhakti

**Unit III:** (as a urdu poets)

1. Anad Naryan Mukhlis
2. Lachhmi Narayan Shafique
3. Ram Narayan Mauzoon
4. Tek Chand Bahar
5. Brindavandas Khushgo
6. Sujan Raikhatri
7. Pundit Daya Shankar Nasim
8. Pundit Brijnarayan Chakbast
(11) Ratan Nath Sharshar.
(12) Dr. Tarachand Adab mein hissa.

Unit II:
- Shimali Hind mein Urdu Zaban ki Tarvij-o-Ishaat ke Asbab
- Gujarati mein Urdu ki Nashv-o-numa.
- Gujarati Adab ki Riwayat
- Siyasi, Samaji Pas Manzar,

Unit III:
- Gujarat mein Urdu ki Ishat-o-Irtequa main Auliya-e-kiram ka hissa

Unit IV:
- Dakani Adab ki Riwayat
- Dakkan mein Urdu Zaban ki Ishaat-o-Tarvij ka Samaji-o-Siyasi Pas Manzar.
- Dakkan mein Urdu Adab ke Mukhtallif Adwar
- Qutub Shahi Daur, Adil Shahi Daur.

Unit V:
- Bahmani Daur
- Vali Gujarati Ka Ahad
- Iham Goi-Ihamgo, Shoora; Aabru, Naji Waghairah.
- Ghair Ihamgo Shoora
- Vali Gujarati Ki Shairana Khususiyat.

Unit VII:
- Translation of Hindu religious books-Introduction & Review.
- Contribution of Hindu Publishers in the Development of Urdu
- Religious Teaching & massages of Hindu Saints by the medium of Urdu.
- Establishment and social reformation of Brahmo Samaj through Urdu.

Unit V:
- Culture of India before advent of the Muslims
- Advent of Muslims in India and its impacts on Prevalent Hindu culture
- Cultural Integrity of Hindu and Muslims
- Encouragement of Muslim Rulers to Hindu Poets of Urdu.

Reference Books
(1) Muslim Saqafat-Hindustan meain, By A. Hamid Salik
(2) Islam Ka Hindustani Tahzib par asar. Dr. Tara Chand
(3) Islam ke Alawa Mazahib ki Tarvij mein Urdu ka hissa. By D. M.Uzair
(4) Urdu Shaeri ki Irtequa mein Hindu Shoora ka hissa. By, Ganpat Sahay Sri Vastav
(5) Hindu Adeeb. By Nazeer Kakorvi
(6) Hinduon mein Urdu. By Rafique Marharvi
(7) Marrif (Monthly:Dec. 1918) By, Saiyed Suleman Nadvi
(8) Ameer Khusru Aur Hindustan By Dr. TaraChand.

PHILOSOPHY
(Effect from June-2004)

Paper - III Philosophical study of world religions
Paper - IV Ethics
Paper - V Tarkasangraha
Paper - VII Inductive Logic

Paper - III Philosophical study of world religions

I. Dharma (Religion) as a differentia of man and social significance of religion, analysis of religions, unity and plurality of religions, classification of world religions, democracy, secularism and religion, Approaches
to the study of religions, Importance of the study of sacred books in the religious study.


III. Introduction to Jaina, Bauddha, Sikh and Zoroastrian religions with reference to origin and development, Sacred books, Philosophical principles, Ethical principles, Devotion and detachment.

IV. Introduction to Judaism, Christianity, Islam, Confucius, Tao and Shinto religions with reference to origin and development, Sacred books, Philosophical principles, Ethical principles, Devotion and detachment, Essential unity and distinct emphasis of different religions regarding moral principles, Theism and Monotheism.

Books
1. The World Religions, Hume R.S.
2. The Great Religions of the World, Jurji E.T.

Paper-III : विषयमध्ये तालिका अध्ययन

1. माध्यमी विश्वास तरीक्के धर्म अने त्रिशं सामाजिक भारत, धार्मिक ज्ञाननुम विश्वेश्वर, धर्मनु अद्वैत अने धर्माली अनेकता, विश्वास धर्मयु वालिका, वालिकाद्वारे, विश्वासाद्वारीत अने धर्मां, धर्ममा अन्नान्याय अनेकां अभिमानां, धर्मनु अन्नान्यायां पैक्षिक धर्मोद्वारां (शास्त्रीयां) अन्नान्याय भारत.

2. धृत्र धर्मनु माध्यमी, धृत्र धर्मनु शास्त्रीय, धृत्र धर्मनु अन्नान्याय, धर्मनु माध्यमी तालिका दिशानां - परमात्मानुम ज्ञान अने निर्भुल स्वरूप, अवतारानां विश्वेश्वर, श्रीमानां अने श्रीमानां, ज्ञानानु माध्यमी, माध्यमी अने तालिका स्वरूप, ज्ञानानु परमात्मानु संबंध, कर्मानु निर्भर अने पुनर्जन्मनु सिद्धांत, ज्ञानानु मोक्ष, ज्ञानमुक्ति; माध्यमी-विश्वास साधन तरीके ज्ञानयोग, कर्मयोग अने साधनयोग, धार्मिक मस्तक, धार्मिक धर्म, धृत्र धर्मा भविष्य अने वैराग्यानु स्वरूप अने अभिमानां.

3. उद्भव अने विश्वास, शास्त्रीय, तालिका सिद्धांतां, नैतिक सिद्धांतां, विश्वासानुम अने वैराग्यानुमान - अने तमामानु अनुसूची जेन, बोद, शीर्ष अने ज्योतिषीय धर्मो परिश्रम.

4. उद्भव अने विश्वास, शास्त्रीय, तालिका सिद्धांतां, नैतिक सिद्धांतां, विश्वासानुम अने वैराग्यानुमान - अने तमामानु अनुसूचीसमध्ये बुद्धी, विभिन्न, निर्भर तथा वैज्ञानिक तात्त्विक, तात्त्विक अने नैतिक धर्मां परिश्रम, नैतिक सिद्धांतां अनेकेंद्री विविध धर्मां विश्वासां अने मूल्यांकन समानता, धार्मिक अने अद्वैतात्म.

पूलके :
1. ज्ञातन्त्र विषयमध्ये धर्मां, संपा. डॉ. ए. अलिक
2. धर्मानुम तालिका अध्ययन, डॉ. शी. इनद्यां
3. The World Religions, Hume R.S.
4. The Great Religions of the World, Jurji E.T.

Paper IV Ethics (Western and Indian)

I. Definition of Ethics – Nature of Ethics – The data and Method of Ethics – Psychological process strating with Desire and ending with will leading to voluntary action – Nature of
Motive and Intention and their relation – Three levels of the Development of Morality – A comparison of the level of custom and the level of conscience – Conscience as the subject of moral judgement – Nature of conscience and various views regarding it – Nature of moral judgement – The object of moral judgement.


IV. Concepts of Rta, Rna, Dharma and Niskama Karma in Indian Ethics – Varna Vyavastha, Asrama Dharmas and The four Purusarthas in Upanisadic Ethics – Ethical significance of the Distinction between Sreyas and Preyas described in Kathopanisad – Changeability of Human Nature with reference to Kathopanisad and the Gita – Kama, Krodha and Lobha : The three gates of Hell according to the Gita – Meaning of Non-violence as a means to the Realization of God or Truth according to Mahatma Gandhi – Gandhiji’s method of the practice of non-violence at individual, national and international level – practicality and clarity of Metaphysical basis of Indian Ethics – Spiritual Humanism of Indian Ethics.

BOOKS :
2. William Lillie : An Introduction to Ethics
5. H. Rashdall : The Theory of Good and Evil
6. Sharma I. C. : Ethical Philosophies of India
7. M. Hiriyanna : Indian Conception of Values
8. Kedar Nath Tiwari : Classical Indian Ethical Thought (Motilal Banarasidass, Delhi)
9. J. N. Mohanty : Classical Indian Philosophy (Oxford Univ. Press, New Delhi)

Paper - IV—नीतिशास्त्र (पाल्ला अने भारतीय)
1. नीतिशास्त्राची आधार - नीतिशास्त्राचा स्वच्छ - नीतिशास्त्राची अभाव - नीतिशास्त्राची सामवीरी अने पदत - ईश्वराची आर्थिकी संपत्ती प्ररूप करून सुधरीता मानवी प्रकृती प्रकृती - हेतु अने ईश्वराला स्वच्छ अने अने अने वेदना संपत्ती - नीतिशास्त्राची विज्ञानी जग युगांना - परंपरागत साधन अने अंतराप्पा प्ररूप नीतिशास्त्राला पुढील - नीतिक विषयांना करून तरीके अंतराप्पा - अंतराप्पानुसार स्वच्छ अने ते अंगेना विचित्र मंत्रां - नीतिक निषेधानुसार स्वच्छ - नीतिक निषेधानुसार विषय.

2. नीतिक सिद्धांताचा उपर्युक्त - भविष्याचा अने डट्टा - केटेंगो विविध प्रकारांना अने उसून भारत कल्याणाचा सिद्धांत - सुधारणा प्रादर्श - केळम, मिळ अने सिद्धांतांचा उपयोग - सुधारणा मुद्यांना - आत्मसाधकांकडीला पोटो अने अनेकोटपटणाचा प्रदर्शन - उसून अनेकांना अंगेना विषयांना विद्युत अने आत्मसाधकांना पुढीलतायला मुद्यांना.
1. व्याकरण तथा व्याकरण प्रवेश
2. केदारनाथ दास : विज्ञान प्रवेश : अंग्रेजी, मेडिकल पुस्तकों में ज्ञानकोशी की अनुवाद
3. चिन्हवादी विज्ञान: विज्ञान प्रवेश : मैनुअल ऑफ अथेंटिक
4. विज्ञान प्रवेश: विज्ञान प्रवेश: मैनुअल ऑफ अथेंटिक
5. विज्ञान प्रवेश: विज्ञान प्रवेश: मैनुअल ऑफ अथेंटिक
6. जेसन एल. मैकेनजी : A Manual of Ethics
7. विज्ञान प्रवेश: विज्ञान प्रवेश: मैनुअल ऑफ अथेंटिक
8. विज्ञान प्रवेश: विज्ञान प्रवेश: मैनुअल ऑफ अथेंटिक
9. विज्ञान प्रवेश: विज्ञान प्रवेश: मैनुअल ऑफ अथेंटिक
10. हेमराध तिवारी: विज्ञान प्रवेश: विज्ञान प्रवेश: मैनुअल ऑफ अथेंटिक
11. स्टण्डर्ड टच्चर: विज्ञान प्रवेश: विज्ञान प्रवेश: मैनुअल ऑफ अथेंटिक
12. मोहनदास: A Manual of Ethics
13. लिंगलेख: A Manual of Ethics
14. विज्ञान प्रवेश: विज्ञान प्रवेश: मैनुअल ऑफ अथेंटिक
15. विज्ञान प्रवेश: विज्ञान प्रवेश: मैनुअल ऑफ अथेंटिक
16. विज्ञान प्रवेश: विज्ञान प्रवेश: मैनुअल ऑफ अथेंटिक
17. A Manual of Ethics
18. A Manual of Ethics
19. A Manual of Ethics
20. A Manual of Ethics

Paper - V Tarkasangraha.

I. Definition and classification of padarthas:
Dravya: Earth, water, fire, air, ether, time, direction, soul and mind – Their definitions and characteristics.
Guna: Definition and its kinds, samanya and Visesa gunas.
Karma: Karma as motion, its characteristics and its types.
Samanya and Visesa: Definition and classification of samanya.
Abhava: Definition and classification of Abhava.

II. Knowledge: Definition and classification of knowledge, main cause (Sadhakatam Laksana) of valid knowledge, number of means of knowledge and Pramana – sampalava and Pramana Vyavastha, knower – means of knowledge – object of knowledge – knowledge itself. (Pramata – Pramana – Prameya – Pramity)
Perception : Definition of perception, Sannikarsa and its kinds, classification of perception – Laukika, Alaukika and Avayavi Pratyaksa (Nirvikalpa, Savikalpa, Pratyabhijna and Samanyalaksana, Jnanalaksana, Yogaja)

III. Inference : Definition of Anuman and Anumiti, Constituents of Inference, Paksadharmata Jnana, Definition and classification of Vyapti, Definition and classification of vyapti, Definition of Paksa, Sapaksa and Vipaksa, Classification of inference: (1) Paravat – Sesavat – Samanyatodrsta (2) Kevalanvayi –
IV. Upamana : (Resemblance),
Testimony : Word, import of words, Twofold power of words (Primary or direct and secondary or implied),
Vrtti, Laksana or implication, Three requisites of a proposition Expectancy, compatibility and Juxtaposition
(Akanksa, Yogyata and Sannidhi), Intended sense (Tattparyat Jnana), Two kinds of sentence, Non – eternity
of sound.
Soul : Qualities of soul.
Invalid knowledge : Doubt, Error, Logic and memory (Samsaya, Viparyaya, Tarka and Smati)

Books
2. Tarkasangraha Tr. By S.S. Sukthankar.
3. Tarkasangraha (Guj.) Tr. By Laksamesa Joshi
4. Tarkasangraha (Guj.) Tr. By jitendra Jetly & Others.
5. Nyaya- Vaisesika (Guj.) N.G . Shah
7. ³ÖÖ¸üŸÖßµÖ ¤ü¿ÖÔ­Ö ´Öë †­Öã´ÖÖ­Ö, ›üÖÔ. ¾Öΐ֭ÖÖ¸üÖµÖÖ ¿Ö´ÖÖÔ

Paper - VII Inductive Logic
I. Nature and function of informative, expressive and directive language, Synthesis of the three functions of
language, Forms of discourse, Definition and classification of Fallacies, Illustrative explanation of the nature of the thirteen fallacies of relevance and five fallacies of ambiguity, Avoidance of fallacies.

II. Five purposes of definitions, Structure of definition: Definiendum & definiens, Types of definition, Extensional or denotative and intentional or cannotative meaning, Relation of these two meanings of a term, Types of denotative definition and their evaluation, Types of connotative definition and their evaluation, Rules and fallacies of the definition by genus and differentia.

III. Characteristics of Induction, Philosophical basis of induction, Steps of scientific induction, Definition of scientific induction, Its general and specific characteristics, Definition of induction by simple enumeration, Its value and limitations, Definition of analogy, Its general and specific characteristics, Soundness of analogy, Comparison of scientific induction, Induction by simple enumeration and analogy with each other.

IV. Mill’s analysis of scientific notion of cause, Meaning of cause from the standpoint of science, Necessary and sufficient condition, Relation between them, Various meaning of cause from practical point-of-view, Proximate and remote cause, Plurality of cause, Uniformity of causation, Mill’s five methods (method of agreement, method of difference, joint method of agreement and difference, method of residues, method of concomitant variation) of scientific investigation and their symbolic presentation, Scientific and unscientific explanation, Criteria of acceptability of hypothesis and place of crucial experiment in it.

Books
1. An introduction to logic, I. M. Copi.
3. Vaimanik Vicar Paddhati, (Guj.) B.G. Desai.
5. Arvachin Tarkasstra Pravesa, (Guj.) Dr. J.A. Yagnik and K.B. Patel.

Paper - VII

1. अर्थशास्त्री तर्कशास्त्र
2. अर्थशास्त्री तर्कशास्त्र
3. अर्थशास्त्री तर्कशास्त्र
4. अर्थशास्त्री तर्कशास्त्र
5. अर्थशास्त्री तर्कशास्त्र

1. अर्थशास्त्री तर्कशास्त्र प्रयंत, डा. जे. आ. यात्रिक अने के. शी. फेख
2. अर्थशास्त्री तर्कशास्त्र, के. शी. व्यास, परिमल दलाल, के. शी. मांडक वधारे.
3. वैज्ञानिक विचार पठ्ठर, शी. जे. देसाई
4. Introduction to logic, I. M. Copi.
5. An Introduction to logic, Kohan & Nagel.

S.Y.B.A. PSYCHOLOGY Examination
SYLLABUS FOR REGULAR & EXTERNAL STUDENTS
PAPER III (SOCIAL PSYCHOLOGY COMPSULSORY & OPTIONAL PAPER III)
Main Objectives

To acquaint students with the basic construct and latest emerging trends in social Psychology
To provide students a perspective of social behaviour

Total Marks

100  70 External Examination
30  Internal Assessment

Duration of Examination
Three Hours

The paper will consist of the following Five units

<table>
<thead>
<tr>
<th>Number of Units</th>
<th>Topics for Unit</th>
<th>Marks for Unit</th>
<th>Period for Teaching</th>
</tr>
</thead>
<tbody>
<tr>
<td>UNIT I</td>
<td>1. Introduction to Social Psychology</td>
<td>2. Socialization</td>
<td></td>
</tr>
<tr>
<td>UNIT IV</td>
<td>1. Group processor &amp; dynamics</td>
<td>2. Leadership</td>
<td></td>
</tr>
<tr>
<td>UNIT V</td>
<td>1. Pro Social Behaviors</td>
<td>2. Aggression</td>
<td></td>
</tr>
</tbody>
</table>

UNIT I

Introduction to Social Psychology and Socialization
(B Kuppuswamy Page 1 to 15
Baron and Byrne Page 5 to 27

CHAPTER 1. Introduction to Social Psychology
- Definition, Nature and scope of Social Psychology
- Relation of Social Psychology to other sciences (General Psychology, Sociology and Cultural Anthropology)
- Theoretical Perspectives, Approaches to Social Psychology, (Cognitive Theory, Evolutionary Theory)
- Research Methods in Social Psychology (Baron & Byrne Page 18 to 27
  A. Systematic Observation.
  B. And Experimental Methods

CHAPTER 2. Socialization
- Socialization process (B Kuppuswamy P 33 to 43)
- Agents of Socialization in childhood (Family, Peers, School)
- Processor of Socialization (Affiliation, Dependency condition internalization of values identification
- Outcomes of Socialization (Gender Role, linguistics and cognitive Competence, Moral Development, Work Orientation)

UNIT- II

Social Perception and Cognition

CHAPTER 3: Social Perception (Baron & Byrne P.36 to 65, 76-98,)

Social Perception:

(A) Perception of Others
- Non-verbal communication (Expression, Gazes, Gestures Attribution theory (theory sources of Err. & Applicaton) Impression Formation, Impression Management and accuracy in impression formation

(B) Perception of Self
- Self concept
- Self esteem
- Aspects of self functioning

CHAPTER 4 Social Cognition
UNIT III

Attitudes, Prejudices, Public opinion, Propaganda and Mass media

(A) Perception of Others
CHAPERT 5 Attitudes and Prejudices (B kuppswamy P 95-110, Baron & byone P 121 – 144)

ATTITUDES :
- Definition and Nature of attitudes
- Formation of attitude
- When and How attitudes influence behaviors
- Changing attitudes (Persuasion, Resistance to Persuasion)

PREJUDICS (Baron and byone P 209 to 228 Kuppuswamy P 128-137)
- Nature and Origin
- Effects
- Cures or Reducing prejudice
- Indian Study

CHAPTER 6 Public Opinion and Propaganda and Mass Media(Kuppuswamy P 111– 127)
- What is Public Opinion
- Formation of public opinion
- Measurement of public opinion
- Meaning of propaganda
- Propaganda technique
- Mass media

UNIT IV

Group and Leadership

CHAPTER 7. Group processes, conformity and Deviance (Kuppuswamy P 53 to 81, Baron and byone P 349 to 371, 472-509)]
- Meaning and definition of groups
- Group cohesiveness
- Group norms
- Group conflict and co-operation
- Group dynamics and decision making in groups
- Deviant behaviours

CHAPTER 8 Leadership (Kuppuswamy 82-‘94)
- definitions of Leader and Leadership
- Emergence of Leaders
- Functions of Leaders
- Personality characteristics of Leaders
- Fielders contingency model of leadership effectiveness
- Communication Networks
- Leadership studies

UNIT V

CHAPTER 9 (Baron & byone P 10th ed. P 390-426)
- Pro Social Behaviors
- Definition (P. 389)
- Decision to help in emergency ( P 393 to 397)
- Self interest, moral integrity, moral hypocrisy (P 402 to 404)
Helpers and those who receive help
Explaining pro social behaviors, why do people help.

CHAPTER 10 Aggression (Baron and byone P 436 to 465)
Theoretical Perspectives
(Biological factors, Drive theories, Modern Theories)
Determinants of human aggression (Social, personal & situational)
Prevention and control of aggression (punishment catharsis, cognitive intersection, other techniques)

BOOKS:
Basic Books:

Reference Books

S.Y.B.A. (PSYCHOLOGY)
SYLLABUS FOR REGULAR & EXTERNAL STUDENTS
PAPER 7 (CHILD PSYCHOLOGY PAPER 7)

UNIT I
CHILD PSYCHOLOGY –AN INTRODUCTION
- Definition
- Nature
- Scope
- Significance
- Field
- Stances of major theories on basic issues in child development Beark L E P 32
- Child & child care – Doctor

UNIT II
Prenatal and Physical Development, Motor Development
1. Prenatal and Physical Development
   - Prenatal Development – Berk P.86
   - Germinal Period or the Period of the zygole
   - Embryonic period or the period of the Embryo
   - Fetal period or the period of the fetus
   - Physical Development (Birth to 12 Year)
     - Crow & crow P 24 to 33
     - Mittal & Mittal – P 27 to 31
     - Weight & Height
     - Bones
     - Teeth
     - Body proportions, Head, Face, Nose, Chest, Hand & legs.
     - Muscles & Fat
     - Developments of Internal Parts
     - Factors Influencing Physical Development – Mittal & Mittal p. 31 to 32
   - Motor Development
     - Definition Hurlock P. 136
     - Gross Motor & Fine Development in First two year and Early and Middle childhood – Berk
UNIT III

Cognitive and Intelligence Development

· Cognitive Development Berk
  - Some Cognitive Attainments of Infancy (p. 128) Early childhood (p.240), Middle childhood and adolescence (p-244)
  - Stages of cognitive Development
  - Hetherington & Parke p. 343 to 367
· Intelligence Development
  - Definition Hetheringon & Park – p-430
  - Stages of Intelligence Developments
  - Distribution of Intelligence -crow & crow p. 67
  - Can Intelligence be improved by Deliberate effort?
  - English H. B. Dynamics of C. D. p. 295 to 312
  - Resources necessary for creativity Berk p. 3 –7

UNIT – IV

* Emotional Development  Language and Moral Development

- Definition
- Emotional Development - Berk P. 409
- Development of Emotional Expression - Berk p. 397 to 404 crow & crow p. 79 to 87
- Episodes in the strange situations - Berk - p. 420
- Over coming children’s fears
- Hetherington & Parks p. 271 – 276
· Language Development
- Language Development Berk . p. 386
- The stage of Language Development
- Functions of Language or why Language? - Hetheringtion & Parke p. 283 to 284
- The four faces of Language, Phonology, semantics, syntax and pragmatics – Hetherington & Parke p. 284 to 286
· Moral Development
  - Definition
  - Internalization of moral Norms and Development of Moral Understanding Berk p. 503
  - Development of Self control and aggression Berk p. 506

UNIT V

Personality Development Contexts for Development

· Personality Development crow & crow p. 181 to 197
  - Definition
  - Gender Typing - Berk p. 543
  - The Growth of personality
  - Factors that Influence – Personality Development
  - Personality Evaluation
· Contexts for Development Berk p. 556 to 636
  - The family
  - Peers, Media and schooling
  - Characteristics of Friendships
  - Regulating children’s T.V. viewing

Basic Books
1. Child Development
2. Child Psychology
   A contemporary viewpoint 3rd Edition
   - E Mavis Hetherington  Ross D Parke

3. Dynamics of Child Development
   Horace B English
   The Ohio state university
   New Holt, Rinehartand Winston, Inc. February 1967
   City Arts college Library 155.4 / Eng / 2746 / CUGC

4. A text Book of Child Behavior and Development
   B. Kuppuswamy Vani
   City Arts college Library 155.4 Kup 16676

5. Barnes & Noble college outline series
   Child Psychology
   Lester D. Crow  ALICE CROW
   Barnes & Noble, Inc New York Copyright 1953 Reprint 1967
   City Arts college Library 155.4 / CRO / UGC 2885

6. Shaishavnu manovighyan
   Catherine Landreth
   Late Harprasad J Bhatt, Ashwinikumar H. Bhatt
   Gujarat University First Edition 1976
   H. K ARTS College Colt Psy 184 / 50-51

Reference Books :
1. Baal Manovigyan
   Dr. Smt. Santosh Mittal
   Dr. Smt. Deepshikha Mittal
   University Book House Pvt. Ltd., Jaipur
   RastraBhasha Arts & Comm College 4789/1/9/1/04

2. Baal Manovigyan
   Urvashi Kapadiya
   Shri Bharatkumar B Gandhi
   Anada Book Depo
   Shri H K Arts College Library (s1/60.5/18705)

3. Baal Manovigyan
   Shri Mahesh M Dave
   Shri Kishor K Shukla
   Shri S.V. Trivedi
   Shri G.R. Mansuri
   M/s B.S.Shah Prakashan
   2nd Edition oct-1973
   Shri H K Arts College Library (s1/51.9/coltpsy.16)

4. Baal Manas
   Dr. Leelaben Shah
   1st Edition
1. Psychology Paper IV : Abnormal Psychology
2. Main Objectives : To acquaint students with the basic constructs of Abnormal Psychology
3. Total Marks100 : 70 External Examination
30 Internal Assessment

Duration of Examination Three Hours

The paper will consist of the following Five units

<table>
<thead>
<tr>
<th>Number of Topics for</th>
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<th>Period for Teaching</th>
</tr>
</thead>
<tbody>
<tr>
<td>Units Unit</td>
<td>Unit</td>
<td>Unit</td>
</tr>
<tr>
<td>Unit I Introduction to Abnormal Psychology</td>
<td>14</td>
<td>16</td>
</tr>
<tr>
<td>Unit II Anxiety and Their Disorders</td>
<td>14</td>
<td>16</td>
</tr>
<tr>
<td>Unit III The Schizophrenic, Delusional Disorder and mood disorder</td>
<td>14</td>
<td>16</td>
</tr>
<tr>
<td>Unit IV Therapies</td>
<td>14</td>
<td>16</td>
</tr>
</tbody>
</table>

UNIT I

INTRODUCTION TO ABNORMAL PSYCHOLOGY

1. Introduction to abnormal Psychology
   Definition of abnormal Psychology (Carson P G1) (Glossary P-1)
   What do we mean by abnormal behavior (Calman P 13 to 16)
   Personnel in mental health (Carson P 16) The Mental Health “Team”
   DSM classification in mental disorder (Carson P 8 to 11)

2. Causal factors in abnormal behaviors
   Biological causal factors
   - Neurotransmitter and hormonal imbalances (Carson P 68 to 71)
   - Genetic Vulnerabilities (Carson P 71 to 72)
   - Constitutional Liabilities (Carson P 75 to 78)
   - Psychosocial causal factors (Carson P to 108)
   - Socio cultural causal factors ( Carson P 112 to 113)

UNIT II

ANXIETY AND THEIR DISORDERS

01. Overview of Anxiety Disorders (Carson P 161 to 164)
   - Phobic disorders, Social Phobia  (P 169)
   - Panic disorders with and without Agoraphobia  (P 172 to 175)
   - Generalized Anxiety disorder (P 183 to 190)
   - Obsessive compulsive disorder (P 192 to 195)

02. Somatoform and dissociate disorders
   Somatoform Disorders
   - Somatization disorder (Carson P 268 to 269)
   - Hypochondriasis (Carson P 269 to 271)
   - Pain disorder (Carson P 271 to 273)
   - Converson disorder (Carson P 273 to 276)
   Dissociative Disorders
   - Dissociative Amnesic and Fugue (Carson P 280 to 282)
   - Dissociative Identity Disorder (Carson P 282 to 284)
- Dipersonalization disorder (Carson P 285 to 286)

UNIT III
The Addictive Disorders and Psychological causes and Physical Disorder

01. The addictive disorder
Alcohol abuse and dependence (Carson P 377 to 382)
Drug abuse and dependence (Carson P 397 to 409)

02. Psychological causes and physical Disorders
(As per Psychosomatic disorders old course)

UNIT IV
The Schizophrenias, Delusional Disorder and mood Disorder

01. The schizophrenias and delugional disorder
- The schizophrenias (Carson P 464 to 477, 489 to 493)
- The classic subtypes of schizophrenias
- Causal factors in schizophrenia
- Delusional disorder (Paranoia) (Carson P 496 to 500)

02. Mood Disorders (Carson P 210 to 224)
- What are mood disorder ?
- Unipolar mood disorders
- Bipolar mood Disorders

UNIT V
Therapies

01. Psychologically Based Therapies
- The concept of mental health
- Who
- Indian Movement
- An overview of Psychological treatment (Carson P 644 to 647)
- Cognitive Therapy (Carson P 662 to 665)
- Humanistic Therapy (Client centerct (Carson P 668 to 669)

02. Biologically based Therapies
Early attempts at biological intervention
- Coma and convulsive therapies (Carson P 619 to 622)
- Neuro surgery (Carson P 622 to 624)
Psychopharmacological Methods of Treatment
- General Information regarding
- Anti psychotic Drugs
- Antidepressant Drugs
- Antianxiety Drugs
- Mood stabilizing Drugs

Basic Reference Books :
01. Abnormal Psychology and Modern Life (Carson, Butcher, Mineka) Published by Pearson Education (Singapore), 1st Ed., 2003.
02. Abnormal Psychology and Modern Life (James C Coleman) Published by Taraorewala & Co. Pvt. Ltd.
03. Aadhunik Asamanaya Manovigyan (Arunkumar Singh) Published by Motilal Banarsidas

(PsyCHOLOGY)
Paper – V (Special)
Main Objective: (1) To acquaint students with the basic constructs of Biological and Physiological Psychology.
(2) To provide students a perspective of biological and physiological bases of behaviour

Total Marks: 100
70 External Examination
30 Internal Examination

Duration of Exam: Three hours

The paper will consist of the following five units

**Unit**

**UNIT I** Introduction and Methods of Study
**UNIT II** Biological bases of Behaviour
**UNIT III** Biological and Physiological bases of Behaviour
**UNIT IV** Physiological basis of Motivation and Emotion
**UNIT V** Physiological basis of Higher Mental Processes, Intelligence and Personality

**UNIT III** Physiological Basis of Perception & Sensory and Motor Mechanisms

(I) PHYSIOLOGICAL BASIS OF PERCEPTION:
(1) Visual perception
(2) Auditory perception
(3) Chemical Perception
   (Olfactory and Gustatory Perception)
(4) Somesthetic perception
   (Cutaneous and Kineasthetic perception)
   [Morgan & King 280 to 300, 312 to 321, 326 to 334]

(II) SENSORY AND MOTOR MECHANISMS:
(1) Sensory Areas and Pathways
(2) Topographical Arrangement
(3) Sensory Experience
(4) Skilled Movements
(5) Motor and Pre-motor Areas
   [Morgan & King Page 699 to 714]

**UNIT IV** Physiological Basis of Motivation and Emotion

(I) PHYSIOLOGICAL BASIS OF MOTIVATION:
(1) Homeostasis
(2) Hunger Motivation
(3) Thirst Motivation
(4) Sexual Motivation
(5) Sleep and Arousal
   [Morgan & King Page 205 to 214, & 714 to 718]

(II) PHYSIOLOGICAL BASIS OF EMOTION:
(1) PHYSIOLOGICAL CHANGES DURING EMOTIONS
(2) Emotion and Central Nervous System
(3) Emotion and Autonomic Nervous System
(4) Emotion and Indocrine Glands
(5) LIE DETECTOR
(6) Theories of Emotion
   [Morgan & King Page 253 to 259 & 721 to 725]

**UNIT V** PHYSIOLOGICAL BASIS OF HIGHER MENTAL PROCESSES, INTELLIGENCE AND PERSONALITY

(I) Physiological Basis of Higher Mental Processes:
SYBA (Ext) 42

(1) Relationship between Higher Mental processes and Brain
(2) Physiological basis of Learning
(3) Physiological basis of Memory
(4) Physiological basis of thinking

[Morgan & King 725 to 731, C. T. Morgan 509 to 529]

(II) Physiological Basis of Intelligence and Personality:
(1) Feeble – Mindedness
    ( Types and Causes )
(2) Improvement in Intelligence
(3) Drugs and Personality
    ( Psychotomimetic drugs and Psychotherapatic drugs )

[ C. T. Morgan  Page 555 to 567 ]

BASIC BOOKS

Morgan C. T. Physiological
(2) Morgan C T and R A King
(3) Levinthal C. F. ‘Introduction to Physiological Psychology ( 3rd Ed. ) New Delhi, Prentice – Hill
    of India Private Limited, 1990

Reference books
(1) Carlson N. R. : Foundations of Physiological Psychology, Boston, Allyn and Bacon Inc. 1988

INDIAN CULTURE EXAMINATION
PAPER III
(Cultural History of India--Medieval & Modern Period)

Unit 1:
1. An outline study of the development of the medieval and the morden Indian Culture
2. Social, economic and religious condition of India during the Sultanate Period

Unit 2:
1. Cultural achievements of the Mughal empor Akbar
2. Administrative system of the Mughal Period
3. Art and architecture during the Mughal Period

Unit 3:
1. Impact and synthesis of Hindu and Muslim Culture
2. Bhakti movement--factors of origin--Principles of Bhakti movemet
3. Saintly tradition of North India, Maharashtra and Gujarat

Unit 4:
1. Sailors of the medieval Culture : Krishnadevray, maharana Pratap, Chhatrapati Shivaji, Guru Govindsinh
2. Causes and result of 1857 event
3. Renaissance of India and its torch-bearers : Rajaram Mohanray, Dayanand Saraswati, Swami Vivekananda

Unit 5:
Freedom fighters:
1. Bal Gangadhar Tilak
2. Bhagatsinh
3. Netaji Subhashchandra Bose
4. Gandhiji
5. Sardar Patel

Unit 6:
1. Multiple development of independent India:
   (a) Green revolution
   (b) White revolution
   (c) Development of Science and Technology
   (d) Industrial development and space research
2. Indian democracy and its challenges
   (a) Communalism and militant activities
   (b) Poverty, over population, unemployment and corruption
   (c) Mass media and environment
3. Problems of globalisation.

Books Recommended
- Majmudar, Raychaudhari & Datta: An advanced History of India (Part II and III)
- Srivastav, A. L.: Medieval Indian Culture
- Majumdar, R. C. & others: British Paramountcy and Indian Renaissance Part II
- Mahajan, V. D.: The Nationalist Movement in Indian And its leaders
- Nehru, Jawaharlal: Discovery of India
- Tarachand: Influence of Islam on Indian Culture
- Zafar, S. M.: The Cultural aspects of Muslim rule in India
- Shrivastav, A. L.: The Mughal Empire
- Farquhar, J. N.: Modern religious movement in India
- Sharma, D. S.: The Renaissance of Hinduism
- Narvane, V. S.: Modern Indian Thought
- Banerjee, Surendranath: A Nation in the making
- Mulkaaj, Anad: Is there a contemporary Indian Civilization

Paper IV
(Cultural History of Gujarat--Medieval & Modern Period)

Unit 1:
1. Establishment of independent Sultanate in Gujarat
2. Achievements of Ahmedshah and Mahmud Begada
3. Administrative system of the Sultanate Period
4. Social life during the Sultanate Period

Unit 2:
1. Economic and religious conditions during the Mughal Period
2. Navigation during the medieval Gujarat
3. Saintly tradition of Gujarat:
   (a) Shaikh Ahmed Khatru Ganj Baksh
   (b) Narasimha Mehta
   (c) Mirabai
   (d) Sahajanand Swami
   (e) Saint Prananathji
   (f) Hira Vijay suri

Unit 3:
1. Contribution of Sayajirao Gackwad III in the development of Baroda State
2. Social reform movement of Gujarat during the 19th Century A. D. and its social reformers

**Unit 4:**

1. Important Satyagrahas of Gujarat:
   1. Kheda, Borsad, Bardoli
   2. Dandikuch—1930
   3. Quite India—1942
   4. Arzi Hakumat

**Unit 5:**

1. Impact of Gandhian thought on Gujarat—Social life, education, women’s upliftment and rural development
2. Merger of princely states and contribution of Sardar Patel
3. Maha Gujarat Movement and formation of Gujarat State

**Unit 6:**

**Modern Gujarat**

1. Development of Industry, trade and commerce
2. Social change and education
3. Co-operative movement in Gujarat—Irrigation and Narmada Yojana

**Books Recommended**

- Munshi, K. M.: Gujarat and its Literature
- Chaube, J.: History of Gujarat Kingdom
- Majamudara, M.A.: Cultural History of Gujarat

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**Paper V**

*(Folk Culture of Gujarat)*

**Unit 1:**

1. Geographical factors moulding the folk culture of Gujarat
2. Mer tride—History, costume and ornaments
3. Ahir tride—History, costume and ornaments
4. Vaghari tride--History, costume and ornaments
5. Rabari tride--History, costume and ornaments

Unit 2 :
1. Folk religions
2. Folk fairs
3. Folk festivals

Unit 3 :
1. Paliyas (martyr stones) of Gujarat
2. Folk songs
3. Folk stories

Unit 4 :
1. Folk music
2. Folk dances
3. Folk dramas

Unit 5 :
1. Kneating, embroidery and bead work of folk tribes
2. Folk painting and sculpture
3. Decoration of house of folk tribe

Books Recommended

Marg. Dec. 1959 Vol, XIII-Folk Dances

Paper VII
(Second Subsidiary)
(Glimpses of Indian Culture ; Medieval and Modern Period)

Unit 1 :
1. Spread of Islam in India
2. Salient features of Islam in India
3. Social and economical life during the Sultanate Period
4. Religion and art during the Sultanate Period

Unit 2 :
1. Administrative system of the Mughals
2. Social, religious and economical life during the Mughal Period
3. Literature and art during the Mughal Period
4. Synthesis of Hindu and Muslim Culture in the spheres of society, religion and art

Unit 3 :
1. Factors and features of Bhakti Movement
2. Saintly tradition of Northern India
3. Saintly tradition of Gujarat and Maharashtra
4. Impacts of Bhakti Movement

Unit 4:
1. Establishment of British paramountancy in India (1757--1857)
2. Administrative policy of Britishers:
   -- Commercial policy
   -- Revenue policy
   -- Educational policy
3. Administrative policy of Britishers:
   -- Road and Transport policy
   -- Policy to Indian princely states
   -- Administrative service policy
4. Impact of Western Civilization on Indian religion, literature and science

Unit 5:
2. The probability of the synthesis of East and West
3. Impact of the Gandhian thoughts on Indian life
4. Cultural achievements of the Post-independent India

Books Recommended

Saiyid, Abdulbhai: India during Muslim Rule
Aziz, Ahmed: Islamic Culture in the Indian Environment, (O.U.P)
M. Mujid: The Indian Muslim
Yusuf Husain: Glimpses of Medieval Indian Culture
Chopra, L. N.: Some Aspects of Society and Culture in Mughal age.

History - Paper - III

Optional

History of India: 650 A.D. to 1206 A.D.
In force from June 2004

Unit-1
(a) Sources and their interpretation;
   (i) Archeology, (ii) Epigraphy, (iii) Numismatics, (iv) literature
(b) The political condition of India before the establishment of the Rajput era.

Unit-2 Polity:
(i) Arab invasion
(ii) Political developments: nature of regional politics with special reference to Pratiharas, Palas, Rashtrakutas, Cholas.
(iii) Ghaznavid and Gharid invasions: nature and impact.

Unit-3 Economy during Rajput Period:
SYBA (Ext)  47

(i) Revenue system.
(ii) Urban centres, trade and commerce.

Unit-4 Society :
(i) Social condition
(ii) status of women
(iii) educational ideas and institutions

Unit-5 Culture :
(i) Literature - rise and growth of regional languages.
(ii) Art, architecture, painting, sculpture, crafts.

Unit-6 :
(a) Schools of philosophy and religious cults.
(b) Science and technology.

Books For Reference

Majumdar R.C. : The Age of Imperial Kanauj - The History and Culture of the Indian people vol. IV The struggle for Empire vol. V. Advanced History of India
Buddha prakash : Aspect of Indian History & civilization.
Dr. Ishvaraprasad : Medieval India.
Smith V. A. : The early History of India,
Dr. R.S. Tripathi : History of Kanauj.

History - Paper - III

Optional

History of India : 1206 A.D. to 1526 A.D.
In force from June - 2004

Unit-1 :
(a) Sources : and their interpretation.
   (i) Archeology
   (ii) Epigraphy
   (iii) Numismatics
   (iv) literature.
(b) The political, social and cultural conditions of India on the eve of the establishment of the Delhi sultane.
Unit-2: Polity:
(a) Kutubuddin Aibak, Razia Sultana, Reforms of Ala-ud-din-Khilji and planning of Muhammad Tughlaq and first battle of Panipat and its impact. (1526).
(b) Political structure (1206 to 1526) central, Provincial, District, taluka and village administration.

Unit-3: Economy during sultanate period:
(a) Revenue system
(b) Urban centres, trade and commerce.

Unit-4: Culture and religion:
(a) Sufi movement and Bakti movement
(b) Sultanate architecture
(c) Literature: Persian and indigenous.

Unit-5: Vijaynagar:
(a) Krishnadevray and his achievements.
(b) Polity - Administration.
(c) Economic condition.
(d) Social life, culture, literature, and religious life.

Suggested readings

2. Sir Haig woolsey : Cambridge History of India vol. III
3. Sir Lane Poole stanley : Medieval India
4. Dr. Ishwari Prasad : A short History of Muslim Rule in India
5. Bhargava V. S. : Medieval Indian History & Institutions
6. Dr. Tripathi R. S. : Some Aspects of Muslim Administration
7. Dr. A. L. Shrivastava : The Delhi sultanate

GUJRATI

1. મુલકાલીન ભારત પત્ર-૨
2. મુલકાલીન ભારત પત્ર-૧
3. પ્રીતિ પત્ર, સી. : (૧) ભારતનો સંસ્કૃતિક ઈતિહાસ
   (૨) ભારતની ભારતનાં આર્થિક વિકાસ અને સંકટ
4. આશાયુ ન. આ. : ભારતનાં વિભાગભર અને શક્તિ સંઝાળ.  

HINDI

1. ગુજરાતનાં વસ્તુભાગ અંશ
2. ગુજરાતનાં વસ્તુભાગ અંશ
3. ગુજરાતનાં વસ્તુભાગ અંશ
4. ગુજરાતનાં વસ્તુભાગ અંશ
5. ગુજરાતનાં વસ્તુભાગ અંશ
History - Paper - IV

History of Modern Europe (1815 A.D. to 1950 A.D.) optional
In force from June - 2004

Unit-1 :
(a) Congress of Vienna - concert of Europe work and causes of its failure.
(b) French Revolutions of 1830 and 1840 and their impact on Europe.

Unit-2:
(a) Unification of Germany
(b) Unification of Italy.
(c) Bismarck's Domestic and foreign policy (1862-1890)

Unit-3:
(a) Causes and results of World War-I (1914-1918)
(b) Treaty of Versailes, minor treaties of st. German, Trianon and serves.
(c) Lenin and New Economic policy.
(d) Causes for the failure of League of Nations.

Unit-4 :
(a) Rise of Fascism in Italy - Benito Mussolini-social, cultural and Economic effects of Fasict administration.
(b) Rise of Nazism in Germany : The weimer Republic - Hitler as a leader of Nazi Germany - Social, cultural and Economic transformation of Germany (1919-1939).

Unit-5 :
(a) Causes and results of World War II (1939-1945) :
(b) United Nations (U.N.) - Aims - organs - Achievements and Limitations.

Suggested Readings
2. Grants & Temporly : Europe in the 19th &20th Centuries (1789 to 1950)
3. Hazon C.D. : Modern Europe up to 1945.
5. Roberts : History of Europe.
7. Hays : Contemporary Europe since 1815.
8. Thompson David : Europe since Napoleon.
10. भंड रेकर्च प्र. : युरोपेना ऐतिहास, एंग्लिशमिल्क औरं
11. देशवाद ईलाउम र. (अनुवाद) : युरोपेना ऐतिहास भाग-1, 2, 3, एंग्लिशमिल्क औरं
12. रूपव अंचल, आर. : अंतर्राष्ट्रीय संबंधों भाग-2, एंग्लिशमिल्क औरं
13. पदवेल मंथुमार आर. : अंतर्राष्ट्रीय संबंधों भाग-2, एंग्लिशमिल्क औरं
14. सुधा दो. जयमुकर आर. : रूसियाना ऐतिहास, एंग्लिशमिल्क औरं
15. शेष सुरेन वी. : विश्वी ऐतिहास - एंग्लिशमिल्क औरं
16. चौक्का टेवेनक्षित : युरोपेना ऐतिहास, स्पेनरोल एंग अंदामी
Unit-1:
(i) Russo-Japan War-1904-1905,
    Defeat of Russia - Treaty of Portsmouth results of the war.
(ii) Revolution of 1905 and its impact.

Unit-2:
(i) Causes of the failure of the working of the Dumas (Parliaments.)
(ii) Causes of the Bolshevik (Communist) revolution of 1917 and its effects.

Unit-3:
(i) New Economic policy of Lenin.
(ii) Dictatorship of stalin - Five year plans and their achievements in the economic, social, educational and cultural fields.
(iii) Constitution of 1936 and its main features.

Unit-4:
(i) Soviet Union and the Second World War-Cold war-Soviet Russia and U.N.
(ii) Development of communism & satelite states in Eastern Europe.
(iii) Evaluation of Home and foreign policy of Nikita Khruchev.

Unit-5:
(i) Nikhail Gorbachov-his revolutionary constitutional reforms (1988) perestroika (peorganisation) and Glasnost (freedom of expression)
(ii) Disintegration of soviet Russia (union)

Suggested Readings
1. Bernard Pares : 'History of Russia' (Jonathan Cape)
2. L. Kochan- : The Making of Modern Russia.
4. Max Beloff : 'The Foreign Policy of Soviet Russia',(2 volumes) oxford.
7. E.A. carr : 'A History of Soviet Russia'.
10. : यूरेपन्यो चतिहास, अंधनिम्न्यो चार्हरि
11. : यूरेपन्यो चतिहास
duo.
12. ज्योिज् चतिहासकी : रसजि इििसास

History-Paper-V
History of India : 1526 A.D. to 1818 A.D.
In force from June-2004

Unit-1:
(a) Sources:
(i) Archaeological
(ii) Epigraphical
(iii) Numismatic
(iv) Literary
(b) India on the eve of Babar's invasion - political and social condition.
Unit-2 Babar to Shershah:
(a) Establishment of the Mughal rule.
(b) Babarnama.
(c) Reforms of Shershah.

Unit-3: Akabar and his achievements:
(a) Administration
(b) Mansabdari system
(c) Economic condition
(d) Socio-religious reforms
(e) Policy of sulh-i-kul

Unit-4: Jahangir, Shahjahan and Aurangzeb:
Nurjahan’s influence on Jahangir-first trading centre of the English East India company at Surat (1613)
(a) Shahjahan and his achievements.
(b) Aurangzeb and the Mughal imperialism, his religious policy.
(c) Decline of the Mughal Empire.

Unit-5:
(a) Literature, Art and Architecture during the Mughal period.

Unit-6: Shivaji:
(a) Creation of Swaraj-estimate of shivaji as a ruler-his administration.

Unit-7 The Peshwas:
(a) Achievements of Balaji Vishwanath Bajirao-I - Balaji - Bajrao
(b) Causes and consequences of the third battle of panipat - causes of the defeat of Marathas
(c) Peshwa madhavrao - Mahadji Sindia and Nana Fadanvis - Anglo - Maratha relations and the rise of the East India Company (1757-1818)
(d) Decline of the Maratha Power.

Books for study
1. Sharma S. R. : Mughal Empire in India.
2. Iswari Prasad : The Mughal Empire.
7. Sen S.N. : Anglo-Maratha Relations (1785-1796)
9. Singh Meera : Medieval History of India
10. W.H. Moreland : From Akbar to Aurangzeb - A study in Indian Economic History (London 1925)
11. Asher, Catherine : Architecture of Muhgal India (cambridge 1992)
12. परीचय श्री. स्ली. : भारतीय सांस्कृतिक निपटान, युनि. अंग्रेजीमण्डल बोर्ड
Unit-1 :
(a) Indus Valley Civilization: Social, Economic and Cultural contribution - Town Planning
(b) Society, economy, Polity and religion as reflected in Vedic literature
(c) Buddha and Mahavir, as reformers.

Unit-2 :
(a) Ashok, Kanishka, Harshwardhan and the spread of Buddhism
(b) Cultural achievements of the Guptas.

Unit-3 :
(a) Contribution of the Pallavas, the Rashtrakutas and the Cholas to the Indian Culture
(b) Cultural achievements of the vijaynagar empire.

Unit-4 :
(a) Impact of the Bhakti and sufí movements on the Indian Society.
(b) Religious policy of the Mughals with special reference to Akbar and Aurangzeb.

Unit-5 :
(a) Socio-Religious reforms movements in India during the 19th Century.
(b) Contribution of Tagore, Gandhi and Iqbal to Indian Culture.

Suggested readings
5. नांदे तांत्रिकाशाक : आधुनिक भारतीय विज्ञान - गुप्तकाल युगाचारी
6. रजनी गोविंद : भारतीय संस्कृतितिथियों कुर्सितिही
7. गौतम प्रसाद सांस्कृतितिन्द्रियाधारी
8. गंगा शात्री दर्शनशास्त्र : आधुनिक भारतीय विज्ञान - गुप्तकाल युगाचारी भाषा-1, 2
9. गंगा शात्री दर्शनशास्त्र : आधुनिक भारतीय विज्ञान - गुप्तकाल युगाचारी भाषा-2
10. मुंबई : भारतीय संस्कृतितिन्द्रियाधारी
11. गंगा शात्री दर्शनशास्त्र : आधुनिक भारतीय विज्ञान - गुप्तकाल युगाचारी भाषा-1, 2
12. गंगा शात्री दर्शनशास्त्र : आधुनिक भारतीय विज्ञान - गुप्तकाल युगाचारी भाषा-2
13. गुप्तकाल युगाचारी भाषा-1, 2

POLITICAL SCIENCE
(To be effective from June 2003)
(Principal Subsidiary/Second Subsidiary)

Paper III: Government and Politics of India (भारतीय संस्कृति अनुकूलन)
(Principal and Subsidiary)

Paper IV: Theory and Practice of Democratic Government
(संस्कृति अनुकूलन अनुसार)
(Principal and Subsidiary)
Optional Paper IV: World Revolutions (Principal/Subsidiary)

Paper V: International Relations (Principal/Main)

Paper VII: Introduction to Democratic Theory (Second Subsidiary)

Political Science

Paper III: Government and Politics of India (Principal/Subsidiary)

1. The making of India's constitution and its sources
2. Basic features of Indian Constitution.
5. The State Government: Governor, Council of Ministers and the Chief Minister.
6. Center-State Relations.
7. Supreme Court and Constitutional Process
8. Political Parties-National and Regional Parties.
10. Major issues in Indian politics.

(1) Caste (2) Religion (3) Language (4) Region (5) Poverty-Alleviation.

Paper III: Government and Politics of India

Ref. Books:
4. Basu D. D.: An Introduction to the constitution of India
6. Caste-Faction and Party in Indian Politics
11. Palmer N. D.: The Indian Political System
Political Science--Paper IV

**Theory and Practice of Democratic Government.** (Principal/Subsidiary)

1. **Democracy-Definition-Meaning-Types of Democracy-Values of Democracy**
   (a) Difference between Direct and Indirect Democracy
   (b) Means of Direct Democracy
   (c) Relation between state and Individual in Democratic and Non-Democratic States

2. **Democracy as a way of life and as best form of Government**
   (a) Concept of Majority rule and its Limitations. Idea of Tyranny of Majority
   (b) Will or consent as the Basis of the Political Power
   (c) Concept of Tolerance
   (d) Electoral System-Meaning-Types and Importance

3. **The Relation between Legislature and Executive in the Parliamentary and Presidential Democracy**
   (a) Fundamental Rights-Meaning-Importance and Safeguards of the Fundamental Rights

4. **Importance and Independence of Judiciary in Democracy.**
   (a) Political Parties-Meaning-Types of Political Parties
   (b) Characteristics and Functions of Political/Parties

5. **Limitations of Democracy**
   (a) Merits and Demerits of Democracy
   (b) Dictatorship-Meaning-Merits and Demerits of Dictatorship-Attractions of Dictatorship
   (c) Political Ideologies Against Democracy-Fascism and Communism

6. **Public Opinion-Meaning-Means of Public opinion.**

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**Paper IV : Theory and Practice of Democratic Government**

( Second Subsidiary )

बांडःशीरी सरकार-रिलांड अने ब्यक्तिका

1. **(a) बांडःशीरी-व्यक्ति अने अर्थ-ब्राह्म-बांडःशीरीनां नुस्खे**
   **(b) प्रतिष्ठा अने परस्पर बांडःशीरी वस्त्रे मांग तकःत**
   **(c) प्रतिष्ठा बांडःशीर्रीना मांगने**
   **(d) बांडःशीरी अने बीन बांडःशीरी राजःचेरी व्यवस्था अनुदान अने राजःच्या वस्त्रे संबंधात.**
Paper IV : Theory and Practice of Democratic Government

Ref. Books :
2. Allen C. K., : Democracy and Individual
5. Field G. C. : Political Theory
7. Mayo Henry, An Introdudian to Democratic Theory
9. Pandya Harmakh J., : Lokashahi Rajya Vyavastha Tatva and Vyavahar (Gujarati)
10. Pathak/Pandya, Rajyashastra Parichaya Part II (Gujarati)
11. Pancholi Manubhai, Democracy (Gujarati)
12. Sanghavi, Desai, Gandhi, Swarajya darshan, (Rajkaran), (Gujarati), 1969,

OR

Optional Paper IV : World Revolutions

Principal-Subsidiary

1. Concept of revolutions-Types of Revolutions, Causes of Revolution-Characteristics and Problems of Revolution
3. American Revolution (1776, A. D.)
   (a) Causes and results of Revolution
   (b) Major events of Revolution
   (c) Contribution of George Washington.
4. French Revolution (1789-A. D.)
   (a) Causes and effects of Revolution
   (b) Major Events of Revolution
5. Communist Revolution of Russia- (1917-A. D.)
   (a) Causes and Effects of Revolution
   (b) Major events of Revolution
   (c) Contribution of Lenin.
   (a) Causes and Effects of Revolution
   (b) Contribution of Mao-Tse-Tung.

Political Science : Optional-Paper IV
World Revolutions
(Principal/Subsidiary)

Ref. Books :
7. Lodge, A History of Modern Europe
10. Sheth Suresh., Vishwani Krantio, University Granth Nirman Board, Ahmedabad.
11. Skocpol T., State and Social Revolutions : A Comparative Analysis, Combridge, Cambridge University Press, 1926
12. Swan, A History of World Civilization

Political Science - Paper V
International Relations (अंतरराष्ट्रीय संबंधों)
Principal (मुख्य)
1. International Relations-The Concept and Dimensions
2. The Scope of International Relations
3. The concept of Balance of Power
4. Colonialism and Imperialism
5. Nationalism-National Liberation Movements in Asian and African Continents
6. Power and Justice
7. First World War-Causes and Effects
   Second world causes and Effects.
8. Cold-War-Various Stages of Cold-War and Detente-Post-Cold- War World Order.
Ref. Books :
5. Joshi R. D., : Antar Rashtriya Sambandh (Gujarati)
9. Pandya Hasamukh J., Vishwa Rajkaran (Gujarati)

Paper VII : Introduction To Democratic Theory (Second Subsidiary) :
1. Democracy-Definition-Difference between direct and Indirect Democracy
   Means of Direct Democracy
3. Basis of Democracy :
   (a) Economic-Social-Political Democracy and Liberty.
   (b) Consent as basis of Political Power.
   (c) Concept of Tolerance in Democracy.
5. Ideologoes against Democracy :
   (a) Dictatorship - meaning - Attractions for Dictatorship - Difference between Dictatorship and Democracy.
   (b) Democracy Vs Fascism.
   (c) Democracy Vs Communism.
   (d) Military Regimes-meaning-Merits and Demerits of Military Regime.
SYBA (Ext) 59
(Second Subsidiary)

1. बोक्षाड़ी-व्याप्ति-अर्थ-प्रत्यक्ष अनेक परम्परागत बोक्षाड़ी व्ययों के तत्वत-समस्त बोक्षाड़ीय नो साधनों.
2. आन्तरिक उद्धीने ब्रिटन-अमेरिका अने जनसामग्रीय बोक्षाड़ीय विकास.
3. बोक्षाड़ीय आधारा लिए:
   (1) आन्तरिक-सामाजिक-राजकीय बोक्षाड़ी अने स्वतंत्रता.
   (2) राजकीय सत्ता आधार तरीके संबंधि
   (3) बोक्षाड़ीय सहभागिताना प्रवाह
4. अल्मलीसाधनो नव्य-अर्थमती शासन नी मान्यता-अर्थमती शासन नी मांगमाली.
5. बोक्षाड़ी विचारधी विचार-खाताना लिए:
   (1) साम्प्रदायिक बोक्षाड़ी-अर्थ-अर्थमती बोक्षाड़ी-साम्प्रदायिक बोक्षाड़ी व्ययों अनेक.
   (2) बोक्षाड़ी विचार ज्ञानवाद
   (3) बोक्षाड़ी विचार सम्बन्धवाद
   (4) वक्रता शासन-अर्थ-सुधा-दौप.

Ref. Books:
1. Field G. C. : Political Theory
2. Laski H. J. : Democracy in Crisis
4. Mayo Henry : An Introduction to Democratic Theory
5. Mill John Stuart : Considerations on Representative Government

ECONOMICS
(Effective from June, 2004)

Paper III—Principles of Economics (Micro—Economics)

I Consumer Behaviour : I Derivation of law of demand on the basis of utility—concept of indifference -
curve—schedule—diagram—marginal rate of substitution. Assumption of indifference curve analysis --
characteristics of indifference curve -- concept of price -- line changers in price line : (location and slope)
II Consumer Behaviour : II Explanation of consumer's equilibrium (Marshall and Hicks)--Price--effect,
SYBA (Ext)  60

Income--effect and substitution effect--Giffin paradox--Consumer's surplus (Marshall and Hicks). Application of indifference--curve analysis in (a) Taxes and subsidies (b) Welfare (c) International economics--superiority of analysis of Hicks over the analysis of Marshall.


IV Theory of production and cost : Meaning of production function--short--run production function : Law of variable proportion--longrun production function : meaning of iso--quant and iso--cost curve, Returns to scale and economics of scale--shortrun cost and Longrun cost--Break--even point (concept only).

V Perfect competition : Meaning and characteristics of perfect competition--Pure and perfect competition--short--run and long--run equilibrium of a firm under perfect competition.

VI Monopoly : Meaning, types and characteristics of monopoly--price--discrimination--its possibility and profitability--Evils of monopoly--Concept of monopsony and bilateral monopoly.

VII Imperfect Competition : Concept of imperfect competition (Mrs. robinson) and monopolistic competition (Chamberlin)--Duopoly and Oligopoly (concept only)--Meaning and characteristics of monopolistic competition--short--run equilibrium and long--run equilibrium under monopolistic competition--selling cost and advertisement cost--Impact of selling cost on demand.


IX Factor pricing : II : Wages and Profit : Real and money wage--wage determination theories : Pigou collective bargaining--Meaning of Profit--Theories of Profit ; Risk, uncertainty, innovation and monopoly profits.

X Factor pricing--III--Interest : Meaning of interest--Natural and market rate of interest--Prime lending rate, structural rate of interest (concept only)--Theories of interest : classical theory, Loanable fund theory and liquidity preference theory.

* Note : Each topic carries 10% weightage in question--paper.

Paper--IV : Economy of Gujarat


II Profile of Gujarat in the background of Indian economy : Population--State Domestic Product--Agriculture--Industry--Services--International trade.


IV Agriculture : Brief historical survey of agriculture in Gujarat--Agro--climatic zones--Land utilisation and productivity--Crop-pattern--green revolution--irrigation ; Large, medium and minor irrigation--Sardar sarovar project--Agricultural produce marketing


VII Infrastructure : II : Eduction--Health--Banking--Insurance--Importance, trends and policies regarding above--mentioned sectors.


IX Co--operative Movement in Gujarat : Milk producing and marketing co-operatives white revolution--Industrial co-operatives--credit co-operatives--Urban co--operative banking : critical appraisal of above-mentioned co-operatives.

X Specific Issues : Economically backward areas in Gujarat--Poverty--Unemployment--Industrial and
agricultural labour—Coastal—agriculture pollution.  

*Note*: Each topic carries 10% weightage in question—paper. 

**Paper V**

*Paper No. V will have following options:*

1. Mathematical Economics
2. Economics systems and Development

Any one paper from the above two papers is to be offered by the students.

The details of syllabus of the above—referred paper are as follows:

**Paper V—(Optional)**

**Mathematical Economics**

1. **Basic Concepts**: Variables, sets, functions, Equations, Identities, System of equations, Application of straight—line system, slope of the line, homogeneous function.
2. **Calculus**: Differentiation of a function; Maxima and Minima, Elasticities; equilibrium of a firm and consumer; Inter—relationships among total, marginal and average cost and revenues; Constrained optimization problem; integration of a function, consumer's and producer's surplus.
3. **Matrix and Determinants**: Various types of matrices, Determinants, Inverse of matrix, crammer's rule, Input—output analysis; simple static model, Linkages, concept of linear programming—Graphic method.
4. **Introduction to statistics**: Basic concepts; Population, sample, parameter, frequency distribution, cummulative frequency; graphic and diagrammatic representation of data, Techniques of data collection; sampling vs. Population, primary and secondary data.
5. **Central Tendency and Dispersion**: Measures of central tendency; Mean, Media, Mode, Geometric mean and Harmonic mean. Measures of dispersion; range, mean deviation, standard deviation, coefficient of variation, quartile deviation, skewness and Kurtosis.
6. **Correlation Analysis**: Correlation; simple, coefficient of correlation—Karl pearson and rank correlation, partial and multiple correlation analysis.
9. **Index Numbers**: Index numbers—Concept, price relative, quantitity relative, value relative; Laspeyer's paasche's and Fisher, family budget method; problems in the construction and limitations of index numbers, Tests for ideal index number.
10. **Probability and Distribution**: Probability : Concept, rules of probability (Addition and multiplication); random variables, Mathematical expectations, Theoretical distribution—Binomial, Poisson and Normal : their properties and uses.

*Note*: Each topic carries 10% weightage in question—paper.

**Paper V : (Optional)**

**Economics systems and Development**

**I Economics systems**: Characteristics of economic system—concepts of feudalism and mercatalism.
**II Capitalism**: Economic institutions of capitalism : Private property, Inheritance, freedom of enterprise, competition and consumer's sovereignty—Strength and weakness of capitalism.
**III Socialism**: Features of socialism : Public ownership of property and means of production—centralised planning—limited role of market—communism : Origin and features.
**IV Gandhian economic thought**: Basic features of Gandhian economic thought with special reference to use of machines, principle of trusteeship, Gramswaraj and Sarvodaya—relevance of Gandhism.
**V Growth and development**: Meaning of progress, growth and development—Indicators of development; Per capita Income (with special reference to purchasing power parity), Physical quality of life index, Basic needs approach.
**VI Sustainable Development**: Concept and components relationship with natural resources.
**VIII Governance and Development**: Difference between administration, management and governance—
-Accountability and transparency--Participatory development.

**IX Human rights and development** : Declaration of 1948--Provision in Indian constitution.

**X Common property resources** : Problems related with common properties like land, water and forests.

Note : Each topic carries 10% weightage in question--paper.

**Economics Paper--VII (Second Subsidiary)**

Some Problems of Indian Economy

I Agriculture : Importance of agriculture in Indian economy--Causes of low productivity in Indian agriculture--Role of hybrid seeds, fertilisers and irrigation in increasing productivity.

II Industry : Importance of industrial development--Objectives of developing public sector, performance of public sector units, problems of public sector units--small and cottage industries, problems and government policy.

III Population : Trends in population after 1951--Causes of rapid increase in population--effects--remedies.

IV Poverty : Meaning of poverty--Absolute and relative poverty--causes of poverty policy of the government for reducing poverty.

V Unemployment : Meaning of unemployment--Types of unemployment--causes of unemployment--policy of the government for solving unemployment problem.

*Note :* Each topic carries 20% weightage in marks.

**Paper III : Social Problems**

1. Meaning, importance and types of social problems.
   - Social conformity : Meaning and Causes
   - Social deviation : Meaning and factors facilitating deviation.

2. Approaches to the study of social problems :
   - Social pathology; Social disorganisational Value conflict and Labelling.

3. Problem of National integration :
   - Communicism : Meaning, causes and remedies.

4. HIV / AIDS as a Social Problem : Meaning, causes and remedies. Role of NGOs for prevention of AIDS.

5. Exploitation of women : Dowry and Rape : Meaning, causes and remedies.

6. Social psychological Problem : Suicide; Meaning, types, causes and remedies.


**Sociology — Paper - IV**

आ पैपरली समीक्षा करी तेने नवसर्गी तेवार करवामां आघूं छ।

Sociology of Tribal Society

1. Definition and scope of social Anthropology, Importance of social anthropology for the understanding. The concept of tribe; tribe and caste.
2. Demographic profile: habitat, distribution and concentration of tribal people, tribal zones, sex ratio, status of women.
3. Classification of tribal people: food gatherers and hunters, shifting cultivators, nomads, pastoralist, peasants and settled agriculturists, artisans.
4. Socio-cultural profile: ethnic and cultural diversity; characteristic features of tribal society, kinship, marriage and family, tribal languages, religious beliefs and practices.
5. Social mobility and change: Hinduization and Sanskritization formation of tribal states; the impact of colonial rule on tribal society.
7. Tribal migration and its socio-economic impact (Special reference to Gujarat)
8. Reservation policy and its impact on tribal development.

Essential Readings:
2. Desai, A. R : (1979) Peasant struggles in India (Oxford University Press, bombay)
6. Rao, M.S.A. : (1979) Social Movements in India manbar Delhi)
7. Raza Moonis and A. Ahmad (1990) An atlas of Tribal India (Concept Publishing, New Delhi)
9. Singh, K. S. : (1972) Tribal Situation in India (Indian Institute of Advanced study)
13. उपाध्याय शंकरानन अने बी.बी.बी. अर्थ. : (२००१)
14. जंग भारतीय संरक्षण अने तालब केंद्र गुड़राजन विश्वास, अम्बावाड़.
15. वेल्स आई. पी. (१९८२) वेल्स आई. एडवर्ड, सेंटर केर संस्थान स्टीज, सुरत.
16. शाह थानाम: (१९८६) जंग भारतीय संरक्षण अने आई. एडवर्ड, सेंटर केर संस्थान स्टीज, सुरत.
17. जंग भारतीय संरक्षण अने (१९८५) जंग भारतीय संरक्षण अने परिशिष्ट विभाग, गुड़राजन विश्वास ट्रस्ट उपनिवेश.
18. जंग भारतीय संरक्षण अने (२००३) जंग भारतीय संरक्षण अने संस्थान भारत: प्रतिभा अने परिशिष्ट, गुड़राजन विश्वास ट्रस्ट उपनिवेश, अम्बावाड.

Sociology — Paper V
Rural Sociology

Paper V: Rural Sociology

1. Origin, development and subject matter of Rural Sociology- Importance of its study in India.
2. Characteristics of rural community.
3. Economic life of rural people-Jagmanji system in India.
5. Problems of land, land reforms, land legislation, Rural poverty, unemployment and indebtedness.
6. Rural development & Role of Co-operatives.
7. Panchayati Raj.
   (अ) २०८० अंग्रेजी सुधारो अने तत्कालीन समाज परभवी असरो
   (ब) भारतीय सरकारी कामगीरी अने प्रमाण.
8. Social change in Rural India.
SYBA (Ext)  64
Reference Books

1. Dr. Desai A. R.  : Rural Sociology in India
2. Chitamber J. B. : Introductory Rural Sociology
3. Dr. Srinivas M. N. (Ed.) : India's villages
4. Goyal D. G. : Bhartiya Gramin Samaj

Sociology
Rural Sociology
‘आमीड़ा समाजशास्त्र’ ने पेपर V मां नीचे दीवाली मुहूर्त उमेरें अे विवाह वर्तमान पेपर व्यवस्था राष्ट्रीय

1. भुक्ता नं.-3 यथार्थी राज्यों नीचे प्रमाणे होमेला करूँ
(अ) उघृत व्यावस्थीपणे मुख्यो अनेक तत्त्व एमीड़ा समाज परवरी असरो
(ब) भुक्ता वर्तमानी हामींधी अनेक प्रमाणे
2. आम्बाशेडक हामी अलेक मुहूर्त सामाजिक परिवर्तनं पासुं होमेला अनेक तत्त्व चर्चा करूँ.

Sociology — Paper VII
व्यवस्थापन गोष्ठी (विशेष) प्रश्नपत्र
(आ प्रश्नपत्र जून २००४तील नयू अमलभं आवश्ये.)

प्रश्नपत्र प्रयोगः Introduction to Indian Society
1. A brief Demographic profile of Indian Society : Religion, literacy, Scheduled caste and tribe and sex ratio.
2. Caste : Meaning and origine of caste, caste and Varma, Characteristics of Caste. Changing aspects of caste. Dr. ambedkar's ideas about Indian Caste in general and about Untouchability in particular.
3. Marriage :
   1. Rules of Marriage : endogamy, exogamy and preferential marriage, monogamy,...levirate and sorrorate, hypogymy and hypergamy.
   2. Marriage transaction : dowry and bride wealth
   3. Challenges to marriage as an institution.

Family :
1. Meaning and Characteristics of family.
2. Types of family : Joint and Nuclear family
3. family and gender issues.

References :
4. Uberoi, Patricia, 1993, Family, Kinship and marriage in India. New Delhi, Oxford University Press
6. Betelille, andre, 1992 Backward classes in contemporary India, New Delhi. OUP

GEOGRAPHY
(With effect from June 2004)

Paper-III : Human Geography

Course Content:

UNIT-II : Early economic activities of mankind, food gathering, hunting, fishing, shifting and sedentary agriculture. Division of mankind based on physical and social characteristics, spatial distribution – racial groups, ethnic groups and religious groups in the world and in India.

UNIT-III : Human adaptation to environment: (i) cold region – Eskimo (ii) hot region – Bushman, Beduin (iii) Plateau – Gonds, Masai (iv) Mountain – Gujjars (v) regions of recurrent floods, droughts and other natural hazards; (vi) Adaptation in modern society – rural, urban and metropolitan.


UNIT-V : Population regions of India, dynamic, prospective, depressed; problems of over population in India and remedial measures. Population programmes and policies of India.

Pedagogy:
- Students should be introduced to the exact form of many development – environment relationship through local level field visits.
- They should be encouraged to browse through census atlases and census data and the topographical sheets to understand various dimensions of population and settlements and their relationship with the terrain.
- They should be encouraged to write an essay on the human geography of their local areas to understand the multi-dimensional nature of subject.
- Students should be introduced to exact form of complex relationship among environmental activities (Place-work-folk) and through local level field visits.

Suggested Readings:

Paper IV : Physical Geography-II
(Climatology and Oceanography)

Course Contents:

Section-A : Climatology

UNIT-I : Weather and Climate; Definition and Significance of climatology; elements of weather and climate; their causes. Composition and structure of the atmosphere. Atmospheric temperature: Insolation and global heat budget, seasonal distribution of temperature; Atmospheric pressure and winds: Vertical and horizontal distribution of pressure, planetary, periodic and local winds.

UNIT-II : Atmospheric moisture: humidity, evaporation; condensation, hydrological cycle, forms of precipitation and types of rainfall; regional and seasonal distribution. Air-masses and fronts: concept, classification and properties Atmospheric disturbances: tropical and temperate cyclones, thunderstorms and tornadoes.

Section-B: Oceanography


UNIT-V: Circulation of oceanic waters: Waves, tides and currents; currents of the Atlantic, Pacific and Indian oceans. Marine deposits and coral reefs, coastal environment, oceans as storehouse of resources for the future.

Note: For purposes of examination, ten questions are to be set for the course – 6 from Section-A and 4 from Section-B, choosing 2 questions from each unit. The candidates will be required to attempt 5 questions in all, selecting 3 questions from Section-A and 2 questions from Section-B.

Suggested Readings:

(From June 2005)

Paper VII (S.S.): Geography of Gujarat

Course Contents:
Unit-I: Gujarat – Location, area, neighboring states, relief features and major physiographic divisions: The Gujarat plains, the Saurashtra Plateau, the coastal low land and Rann, the Eastern hilly area; drainage pattern, major rivers – their importance and utilities.

Unit-II: Climate: temperature, rainfall by regions and seasons. Monsoon phenomena over Gujarat, its impact on economic activities. Natural vegetation – types, distribution. Major forest products and their utilities.


Unit-V: Transportation and communication: Role of transportation in economic development, major road, rail, air and waterways of Gujarat. Important Ports of Gujarat: Kandla, Veraval, Mandvi, their role in foreign trade. Population: Distribution, density, literacy, urban population, tribal population – their types, distribution and problems. Population issues and policies.

Suggested Readings:
2. Dave, Manjula, B.: Gujarathi Pradeshik Aane Artikh Bhoogol, University Granth Nirman Board, Ahmedabad.

S.Y.B.Sc./S.Y.B.A. (Mathamatics Paper - V)

Unit : 5 Details

(Pre requisite : Relations)
Partial Ordered Sets :
2-3.9 Partial ordering
2-3.9 Partial orderede sets representation and associated terminology, cover, minimal (Maximal) elements, loast upper bound, greatest lower bound, Hasse diagrams. (PP 133 to 191)

LATTICES
4-1.1 Lattices : definition and examples
4-1.2 Some properties
4-1.3 Lattices as algebraic structures (PP 378 to 386)
4-1.4 Some special lattices (PP 392 to 396)

BOOLEAN ALGEBRAS
4-2.1 Definition and Examples (PP 398 to 399)
4-3.1 Boolean forms amd their equivalence (PP 406 to 410)
4-3.2 Only binary valuation (PP 410 to 413).

Syllabus of S.Y.B.Sc. / S.Y.B.A.
Mathematics
Effective from June 2004
Paper-III Advanced Calculus

Unit-I : Indeterminate forms, L’Hospital’s rules, Increasing and decreasing functions, Concave upwards and concave downwards functions, Points of inflexion, Asymptotes, Curve tracing (Catenary, Cycloid, Folium, Astroids, Limacon, Cissoid, Cardioid)

Unit-II : Real functions of several variables, Their limit and continuity, (Repeated limits and limits in $R^2$ to be explained), Partial derivatives of functions of $n$ variables(For special case $n=2$ notation $D_{12}$ and $D_{21}$ to be explained), Differentiability, Chain rule, Partial derivatives of higher order, Condition for commutative property of variables in higher order partial derivatives, Derivatives of implicit functions.

Unit-III : (a) Euler’s theorems on partial derivatives of homogenous functions, Extrema of functions of several variables, Lagrange’s method of undetermined multipliers, Taylor’s and Maclaurin’s expansions for functions of several variables (Proof for case of two variables only)
(b) Curves, Surfaces, First order partial differential equation, Classification of integrals, Linear equations of first order.

Unit IV Differentiation along a curve, Applications to geometry
(i) Curvature in Cartesian and polar co-ordinates,
(ii) Singular points for plane curves especially points of inflexion and double points.
(iii) Tangent line and normal plane to curves.
(iv) Tangent plane and normal line to surfaces
(v) Gradient

Unit V
(i) Double integral , Repeated integral, integral on a non-rectangular region, Jacobian, (only introduction and use for transformation from Cartesian to polar, spherical and cylindrical co-ordinates and vice-versa.
(ii) Divergence and curl of a vector, Line integral , Surface integral, Green’s theorem and Stoke’s theorem
The course is roughly covered by
The course of advanced calculus is roughly covered by Chapters 1, 2, 3, 4, 6, 7, and 8 of the book by David Widder.

**Paper IV Linear Algebra**

**Unit I**: Vector space, Definition and examples, Vector Subspaces, Linear dependence and independence, Span of a set, Basis and dimension of a vector space, Line, Affine spaces, Quotient spaces.

**Unit II**: Linear transformation, Representation of linear transformation by a matrix, Kernel and image of a linear transformation, linear isomorphism, Geometric ideas and rank, Identity, Stretch along axes, Reflection with respect to axes, Rotation, Shear, Projection, Their Combinations.

**Unit III**: Inner product spaces, the Euclidean plane and the dot product, general inner product spaces, orthogonality, Geometrical application, orthogonal projection onto a line, orthonormal basis, orthogonal complements and projections, linear functionals and hyper-planes, orthogonal transformations, associated co-ordinates, reflections, orthogonal map of the plane.

**Unit IV**: Determinants and its properties, Value of a determinant, Basic results-Laplace expansion, Cramer’s rule, Application to geometry, orientation and vector product.

**Unit V**: Rotation of axes of conics, Eigenvalues and eigenvectors, Cayley–Hamilton theorem, Diagonalization of symmetric matrices, conics and quadrics, classification of Quadrics, computational examples.

The course is covered by: Linear Algebra : A Geometric Approach S. Kumaresan (Prentice Hall, New Delhi) 2003

**Reference**

(i) Finite Dimensional vector spaces P. Halmos
(ii) Matrix and Linear algebra K.B.Dutta (Prentice Hall, New Delhi)
(iii) Linear Algebra –A problem book P. R. Halmos (Cambrige university Press)
(iv) Linear Algebra G.Paria (New central book agency-Calcutta)
(v) Linear algebra and applications Gilbert Strang Thomson Brooks/cole

**Paper V-A**

**Numerical Analysis and Boolean Algebra**

**Unit I**: Error in calculation and calculus of finite differences, interpolation Significant error, Relative error, Estimation of error, Application of error formula, Forward differences, Backward differences, Shift operator, Polynomial in factorial notation, error in interpolation.

**Unit II**: Interpolation and inverse interpolation : Central difference, Gauss’s forward and backward formula, Stirling’s interpolation formula, Bessel’s and Everett’s formulae, Lagrange’s formula, Divided difference, Newton’s divided difference formula, inverse interpolation, its application.

**Unit III**: Numerical differentiation and integration: Estimation of error in differentiation formula based on Newton’s forward and backward formulae, and Stirling’s formula, differentiation formulae for unequispaced arguments, General quadrature formula, Trapezoidal rule, Simpson’s rule, Weddel’s rule, quadrature formula based on Lagrange’s formula, Newton-Cotes formula, Numerical integration formula based on central difference formulae, Euler–Maclaurin sum formula.

SYBA (Ext) 69

Unit V: Relations, Posets, Hasse diagrams, Lattices as posets and algebraic system, complemented and distributive lattices, Homomorphism and isomorphism of lattices, Stone’s representation theorem for Boolean algebra, Boolean expression, binary valuation, Boolean function.

The course of numerical analysis is covered by Chapters 1, 2, 3, 4, 5, 6, 8 of Numerical analysis and computational procedures by S.A. Moolah, New central book agency (p) ltd, 8/1 Chintamoni Das Lane, Calcutta 700009.

Discrete mathematical structures with application to computer science J. P. Tremblay and R. Manohar (Mcgraw Hill) covers Boolean Algebra. (Part of Chapter 4)

Reference Books
(i) Elementary Numerical analysis S.S. Sastry (Prentice Hall, New Delhi)
(iii) Numerical analysis S. Kunz Mcgraw Hill Book Newyork
(iv) Numeric Analysis Richard Burden and J. Douglas Thomson

Paper V-B

Mathematics Practicals

Unit I:
(a) Tracing of curves and graphical solutions:
   (1) All trigonometric functions and their inverse functions
   (2) Quadratic, cubic, exponential and logarithmic functions.
   (3) Graphs of \(xy=1, y=ax^2+bx+c, y' = \frac{x+a}{x-a}, \frac{x^2}{a^2} + \frac{y^2}{b^2} = 1\)
   (4) Parametric equations: Astroid, Hyperbola, Ellipse, Parabola, Cycloid
   (5) Polar forms: Cardioid, circle, conic, Spiral, limacon, Lemniscate of Bernoulli.
(b) Hasse Diagrams of \((S_30, D), (S_210, D), (S_12, D)\) etc.

Unit II: Interpolation and inverse interpolation:
(1) Interpolation using Newton’s forward and backward interpolation formula.
(2) Interpolation using Gauss’s, Stirling’s, Bessel’s and Everett’s interpolation formula.
(3) Interpolation using Lagrange’s equal length and unequal length interpolation formula.
(4) Interpolation using Newton’s divided difference formula.
(5) Inverse interpolation.

Unit III: Numerical Differentiation and Integration and solution of Differential Equations.
(1) Numerical differentiation for equi-spaced and unequi-spaced arguments.
(2) Quadrature formula.
(3) Picard’s and Taylor’s method.
(4) Euler’s, Modified Euler’s and Runge-Kutta’s method.
(5) Bisection method, method of false position, fixed point iteration, Newton–Raphson method,
   Horner’s method.

Unit IV: System of linear Algebraic equations
(1) Elimination method
(2) Inversion of matrix by (a) Row-reduced echelon form (b) Gauss-Seidal iteration method.
(3) Eigen-values and eigen-vectors in \(R^3\).
(4) Minimum polynomial of \(3 \times 3\) matrix.
(5) Canonical and quadratic forms.
(6) Least square method.

The course of practicals is covered by part II computational procedures by Moolah S.A.
Chapters 1, 2, 3, 4, 5, 6, 7, 8, 10.

There will be four periods a week for paper III and IV and three periods a week for paper VA.
The practical of two periods a week for a batch of 20 students for paper VB.

Optional Paper: Paper V-A

(Computer oriented Numerical Analysis)
Instructions:

(1) The programming language “C” should be used only for syntax and semantics. Detailed non-mathematical examples which divert the attention should be discarded from the discussion.

(2) The syllabus of “C” programming language is covered by


(4) Topics of numerical analysis are covered by “Numerical analysis and computational procedure” By Dr. S.A. Mollah,Books and allied(P) ltd. Chapters 1-6 and 8. (omit 6.13,6.14)

Unit I:
Introduction, Importance of C, Basic Structure of C programs, Programming style, Executing a C program, Character set, C tokens, Keywords and Identifiers, Constants, Variables, Data types, Declaration of variables, Assigning values to variables, Defining symbolic constants, Arithmetic of operators, Relational, logical assignments, increment, decrement, Conditional Bitwise and special operators, Arithmetic expressions, Evaluation of expressions, Precedence of arithmetic operators, Some computational problems, Type conversions in expressions, operator precedence and associativity, Some mathematical functions, Reading and writing a character, Formatted input and output, Decision making and branching: The IF statement, Simple IF statement, the IF ELSE statement, Nesting of IF …ELSE statement, The ELSE IF ladder, the switch statements, the ?: operator, The GOTO statement, Decision making and Branching: the WHILE, DO, and FOR statements, jumps in loops, Arrays, One and two dimensional arrays, initializing Two-dimensional arrays.

Unit II:
User defined functions, Need for user-defined functions, A multifunction program The form of C functions, Calling a function, Category of functions, No argument and no return values, Argument but no return values, Argument with return values, Handling of non-integer functions, Nesting of functions Recusion, Functions with arrays, The scope and lifetime of a variables in functions, ANSI C functions.

Introduction to the free mathematical software such as"GNUPLLOT" to draw the graphs of standard mathematical functions,

Errors: Rounding off, significant, absolute, relative, relative percentage, relation between the relative error and the number of correct, significant figures,(without proof)Estimation of errors,


Unit III:
Interpolation and inverse interpolation with equal and unequal intervals, error in interpolation, Newton’s forward and backward interpolation formula, (Estimation of error), Central difference interpolation formula: Gauss’s forward and backward formula, Stirling’s interpolation formula, Bessel’s and Everett’s formulae, Lagrange’s interpolation formula, Divided difference, Newton’s divided difference formula, inverse interpolation, its applications.

Unit IV:
Numerical differentiation and integration: Estimation of error in differentiation formula based on Newton’s forward and backward formulae, and Stirling’s formula, differentiation formulae for unequispaced arguments, Gauss Legendre quadrature formula, Trapezoidal rule, Simpson’s rule, Weddel’s rule, quadrature formula based on Lagrange’s formula, Degree of precision in quadrature formula, Newton-Cotes formula, Numerical integration formula based on central difference formulae, Euler –Maclaurin sum formula.

Unit V:
Algebraic and transcendental equations, Numerical solution of ordinary differential equations of first order: Graphical methods, method of bisection, method of iteration,

Practicals for Computer Oriented Numerical Analysis.

Unit I The graphs:
1. \(\sin(x), \cos(x), \tan(x), \cot(x), \cosec(x), \sec(x)\)
2. \(\arcsin(x), \arccos(x), \arctan(x), \arccot(x), \arccosec(x), \arcsec(x)\)
3. \(e^x, a^x\)
4. \(\log(x), \ln(x)\)
5. Straight lines, circle.
6. Parabola, ellipse, hyperbola.
7. Cycloids, cardioids, astroids. (to be drawn using Gnuplot software.)

Unit II
1. Fixed point iteration. Solve \(x = g(x)\)
2. Bisection method to solve \(f(x) = 0\).
3. Method of false position to solve \(f(x) = 0\).
4. Newton-Raphson formula
5. Secant method to solve \(f(x) = 0\).
6. Back substitution to solve upper triangular system.
7. Jacobi iteration to solve system of linear equation.
8. Gauss-Seidal iteration to solve system of linear equation.

Unit III:
- \(x_{n+1} = x_n - \frac{f(x_n)}{f'(x_n)}\) To find value of a polynomial \(P(x)\) using polynomial calculus (synthetic division)
- To find value of derivative of a polynomial \(P(x)\) using polynomial calculus (synthetic division)
- To find value of integral of a polynomial \(P(x)\) using polynomial calculus (synthetic division)
- Lagrange approximation
- Nested multiplication with multiple centre
- Newton’s divided difference interpolation formula

Unit IV:
1. Differentiation using limits
2. Differentiation based on \(n\) points
6. Numerical integration using Weddle’s rule. (for six intervals)

Unit V:
1. Euler’s method
2. Modified Euler’s method
4. Runge-Kutta method of order 4
SYBA (Ext)  72
SYBA / S.Y.B.Sc.

STATISTICS : Theory and Practical (New Course)
(To be effective from : June 2004)

There will be three Theory papers and three practical papers.
The following table presents the title, workload and marking scheme for these papers:

<table>
<thead>
<tr>
<th>Sr.No.</th>
<th>Paper</th>
<th>Title</th>
<th>hrs. per week</th>
<th>Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Theory Paper III</td>
<td>Mathematical Statistics-I</td>
<td>3L + 1T</td>
<td>70</td>
</tr>
<tr>
<td>2</td>
<td>Theory Paper IV</td>
<td>Applied Statistics</td>
<td>3L + 1T</td>
<td>70</td>
</tr>
<tr>
<td>3</td>
<td>Theory Paper V</td>
<td>Mathematical Statistics-II</td>
<td>3L + 1T</td>
<td>70</td>
</tr>
<tr>
<td>6</td>
<td>Practical Paper I</td>
<td>3 hrs</td>
<td>35</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Practical Paper II</td>
<td>3 hrs</td>
<td>35</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Practical Paper III</td>
<td>3 hrs</td>
<td>35</td>
<td></td>
</tr>
</tbody>
</table>

Head of Passing:
A Candidate Should possess atleast 76 Marks out of 210 marks aggregate in 3 Theory papers and 38 marks out of 105 marks aggregate in 3 Practical Papers to be eligible for passing.

S.Y.B.A / S. Y. B. Sc.

STATISTICS : (New Course)
Modified Syllabus to be Effective from June-2004
(Academic Year : 2004-2005)

Paper III : (Mathematical Statistics-I)

1. Probability : (20%)
Random experiment trial, sample point & sample space, events, operations of events, concepts of mutually exclusive and exhaustive events. Definition of probability : classification and relative approach, axiomatic approach, Geometric probability and uniform probability space. Comparison and drawbacks the definitions of probability conditional probability, Additional and Multiplication rules of probability, Independence of two or more events, Bayes Theorem.
Expressions for probability of occurrence of exactly \( K \) events out of three events A, B, C for \( K = 1, 2, 3 \).
Proof of following inequalities for two events A and B
\begin{align*}
(i) \quad P(A \cup B) & \geq \max \{P(A), P(B)\} \\
(ii) \quad P(A \cup B) & = \max \{0, P(A) + P(B) - 1\} \\
(iii) \quad P(A \cap B) & = \min \{P(A), P(B)\}
\end{align*}

2. Mathematical Expectation : (30%)
Discrete and continuous random variable, distribution function of continuous and discrete random variables and their properties. Mathematical expectation, – Raw, central, factorial moments and cumulants with their inter-relationship up to fourth order, mode, quartiles, coefficient of variation and measures of skewness and kurtosis; Moment generating function, characteristics functions and probability generating function and their properties.

3. Univariate distributions and their properties : (50%)
Binomial, poisson, Hypergeometric, Uniform, Normal, gamma, Beta distribution, Bernoulli Distribution, rectangular Distribution, Exponential Distribution, Weibull Distribution.

Paper IV — Applied Statistics

1. PERT - CPM : (20%)
Meaning of PERT, activity, dummy activity, Network, expected time, characteristics and uses and limitations of PERT, Meaning of C.P.M. Meaning of Earliest Starting Time (EST) and Latest Starting Time (LST), Latest Finishing Time (LFT), Examples based on PERT-CPM; difference between PERT-CPM.
2. Demographic Methods:
   2.1 Importance of population census, detailed study of last population census.
   2.2 Vital statistics: Rates of vital events,
   Measurements of mortality: Crude Death Rates, Specific death Rate, Standardized Death Rate.
   Measurements of fertility: Crude birth rate, general fertility rate, total fertility rate, gross and net reproduction rates, concepts of life table and its uses, measurement of population growth and population projections.

3. Economic Statistics:
   3.1 Index number: Construction and use of Index numbers weighted index number, Passche, Laspeyre, Fisher, Marshall - Edgeworth formula of index numbers, errors in index numbers tests of index numbers, chain index numbers, construction of cost of living index and wholesale price index numbers.
   3.2 Time Series:
   Components of Time - Series, Measurement of trend by method of moving average and mathematical curves (upto second degree) calculation of seasonal variation and indices by Ratio to trend and moveing Avg. Method.
   3.3 Mathematical Economics:

Paper V — Mathematical Statistics-II

1. Correlation and Regression:
   General Concepts of bivariate and trivariate distributions, marginal and conditional distribution, productmoment correction coefficient, Spear’s Rank correlation coefficient, independence and uncorrelatedness of random variables.
   Concept of regression, error in regression, fitting of linear and quadratic curves and curves, which are reductible to linear forms by methods of least squares. Regression and correlation in three variables, partial and multiple regression, partial and multiple correlation coefficient and their interrelationships.

2. Large Sample Tests and Small Sample Tests:
   Idea of Statistical hypothesis and alternative hypothesis, level of significance, degree of freedom.
   Contingency tables and association of attributes, Chi-square tests in testing independence of attributes, in contingency tables, and goodness of fit. Tests for proportion(s), Fiosher’s Z - transformation and its uses in testing significance of total and partial correlation coefficietns χ², t, F test and their uses in the test of significance concerning total, partial and multiple correlation coefficients.

3. Sampling distributions and Standard Errors:
   Concept of sampling distribution, sampling dugribution of sample total from binomial, poisson and normal distribution, sampling distribution of the difference of two sample means from independent normal populations concept of standard error of sample moments.

4. Non Parameric Tests:
   Parametric versus non-parametric tests, sing, median, Wald-Wlofowitz runs and Mann-whiteny tests.

5. Sample Surveys and Sampling Techniques:
   Sampling versus complete enumeration, different steps in large scale sample survey, Biases in Survey, type of population and type of Sampling.
   Sample Random Sampling, derivation of variance of sample mean, Random Sampling for proportion, estimation of sample size and population total.
Paper III:

A. (1) Differentiation: (20%)
     Concept of the first and second order derivative of a real function. Derivative from first principles of functions such as $ax + b$ and $x^2$. Rules of derivative without proof. First and Second order Derivative of functions of the types.

     $ax + b, ax^2 + bx + c, (ax + d), e^{bx}, \log x$

     (2) Partial Derivative
     Definition of integration. Rules of integration without proof. Integration of functions of the type $x^n, e^{bx}, (x - a) (x - b)$ etc.

B. (1) Maxima and Minima: (20%)
     Use of derivative in finding stationary values (Maxima and Minima) of function of one variable only.

     (2) Demand function and supply function
     Formulation, their properties, Total and marginal revenue, Total and marginal cost, market equilibrium.

     (3) Elasticity
     Elasticity of demand and supply with respect to its properties.

     (4) Utility function
     Concept, maximization of utility subject to a budget restriction.

C. (1) Arithmetic and Geometric Progressions: (20%)
     Meaning of Progression and series. The $n$th term and sum of the first $n$ terms of A.P. and G.P. (without proof). Arithmetic and Geometric mean between two variables, simple business application of A.P. and G.P.


D. Small Sample Tests:
     Definition of Chi-square ($\chi^2$) as large sample statistic. Properties of $\chi^2$ distribution without proof. Application of $\chi^2$ test: Test of independence of attributes up to 3 x 3 contingency table. Derivation of $\chi^2$ in 2 x 2 contingency table. Definition of $t$ and $F$ statistics, Uses of $t$ and $F$ tests, simple examples.

E. (1) Linear Correlation:
     Concept of linear correlation between two variables, Scatter diagram, bivariate frequency table. Karl Pearson's formula for correlation coefficient. Spearman's rank correlation. Calculation of correlation coefficient from ungrouped and grouped bivariate. Coefficient of determination and its interpretation.

     (2) Linear Regression:
     Concept of error in regression, Principle of least squares, lines of regression, Coefficient of determination and its interpretation. Use of regression in forecasting.

     (3) Association of attributes:
     Concept of association of attributes, Yule's Coefficient of association.

STATISTICAL METHODS PAPER-IV

A. (1) Probability Distributions:
     Statement of Probability mass function of Negative Binomial and Geometric Distribution, Statement of probability density function of Normal distribution, properties of these distributions (without proof). Use of Normal tables, Examples based on these distributions.

     (2) Decision Theory:
     Ingredients of Decision Problems: Acts, States of Nature or Events, Payoff Table, Opportunity Loss

B. **Large Sample Test** : (20%)

Statement of a hypothesis, null hypothesis, level of significance, testing of hypothesis, two types of errors standard error of statistics, significance of mean (s) and proportion (s) in case of one and two samples.

(2) **Analysis of Variance (ANOVA)**

Definition of ANOVA, Uses of ANOVA, One-way and Two-way classifications.

C. **Statistical Quality Control (SQC)** : (20%)

(1) Meaning and scope of SQC, Organisation of SQC in an industrial unit. Responsibilities of SQC group.

(2) Control Charts - 3 S Limits and Control limits control Charts for variables - and R Charts, their uses and interpretation, uses of theory of runs.

(3) Control charts for attributes - p, np and c charts.

(4) Merits and demerits of control charts for variables and attributes.

D. **Acceptance Sampling Plans for Attributes** :

Importance of acceptance Sampling Plans. Concepts of consumer's and producer's risks, OC, AQL, AOQ, ASN, AOQL, and LTPD.

Single sampling plan with parameters N, n, C, its description and OC function using binomial and poisson approximation (with c < 2) AOQ and AOQL of a single sampling plan.

E. **Operation Research** :

(1) Meaning and scope of O.R. and uses of O.R.

(2) Transportation problem: Definition of balanced Transportation problem and methods of solving it (North-West corner and Matrix Minima methods)

(3) Replacement problems: replacement models for items that deteriorate with time, elementary model with simple illustrations.


**STATISTICAL METHODS PAPER-VII**

(As a Second Subsidiary Subject only)

(A) **Mathematical Methods** :

1. **Function** :
   - Concept of a function, Domain & Range of a function with Simple examples.

2. **Limit** :
   - Concepts of the limit of a function, Rules of limit (statement only) simple examples of limit involving function of the types ax + b, ax^2 + bx + c,

3. **Differentiation** :
   - Concept of derivative of a real function. Derivative from first principle of function such as ax + b and x2. Rules of derivative without proof. Derivative of the function of types:

   \[ ax + b, \ ax^2 + bx + c, \ (ax + d)(cx + d), \ e^{ax}, \ \log x \]

(B) **Probability** :

1. Concept of permutations & combinations, Formulae for \( ^n \text{P}_r \) and \( ^n \text{C}_r \) (without proof) with simple examples. Random experiment involving tossing of coins, dice and drawing of cards etc. Definition of sample space, events, mutually exclusive and exhaustive events. Classical Definition of probability, definition of conditional probabilities theorems of addition and multiplication of probabilities (without proof), Independence of events, simple examples.

2. **Mathematical Expectation** :
   - Concept of a discrete random variable, probability mass function of discrete random variable and its properties, definition of mathematical expectation of a discrete random variable, mean and variance (without proof) and simple examples.

(C) **Probability Distributions** :

(20%)
Statement of probability mass function of Binomial and Poisson distributions. Properties of these distributions (without proof). Examples based on these distribution.

2. (a) Demand function and supply function
Formulation, their properties, total and marginal revenue, total and marginal cost, market equilibrium.
(b) Elasticity of demand and supply and its properties.

(D) Correlation & Regression:

(1) Linear Correlation:
Concept of linear correlation between two variables, scatter diagram. Karl Pearson's formulae for correlation coefficient. Spearman's rank correlation. Calculation of correlation coefficient from ungrouped and grouped bivariate data.

(2) Regression:
Concept of error in regression, Principle of least squares, line of regression. Use of regression in forecasting.

(E) (1) Linear Programming:

(2) Transportation problem: Definition of balanced Transportation Problem and methods of solving it (North-West corner and Matrix Minima methods), simple examples.

(3) Assignment problem: Definition of balanced Assignment Problem, Hungarian method of solving an assignment problem, simple examples.

Reference for Paper III, IV, IV
16. M. C. Jaiswal : Akdashastra an Vitarno, Granth Nirman Board. (in Gujarati)
17. M. C. Jaiswal : Arth Vishayak Akdashastra. (in Gujarati)

CO-OPERATION
(As a subsidiary subject only)
**Paper III : Co-operation in India :**

Brief study of origin and growth of co-operation in India - Five year Plan and co-operative moment - Panchayats and co-operative moments.

Important forms of co-operation in India - Agriculture Societies - Co-operation Credit Societies - purchasing of form requirements and seeds - Co-operative in Land Mortgage Banks Industrial Co-operation - Consumer's Co-operative Society - Rural and Urban stores Co-operative marketing. Forest Labour Societies.

Other types of Societies such as co-operative housing - Co-operative Insurance - Better living societies and welfare Unions.

Significance of different forms of Co-operative in our developing economy achievements drawbacks of co-operative movement in India - Remedies - Co-operative organisation at various levels.

State and the co-operative movement co-operative education Training and propaganda - The State Co-operative Council.

Recognition of movement - Reserve Banks efforts - consistutions of the agricultural credit - Department of the Reserve Bank of India - Role of Reserve Bank of India - Role of Reserve State Bank of India in Agricultural credit.

**Paper IV : Law of Co-operation and Co-operative Management :**


Structure and working of co-operative Department - Formation of scrutinize Preliminary - Bye Laws - Registration working Arbitration Laidation - Supervising unions - Duties and responsibilities of office bearers Supervision. Inspection and Audit unions - Duties and responsibilities of office bearers Supervision, Inspection and Audit.

Writing of Registers and books of accounts - Co-operative accounting and auditing - submission of returns.

**Paper VII : Co-operation (Second Subsidiary)**

**Co-operation in India**

2. Place of co-operation in developing economy, co-operation and five year Plans, common development, Panchayat Raj and Co-operatives.
3. Achievements workers and area back of co-operation movements in India.
4. Main recommendations of the Rural order survey Committees and, sevion commerce & agricultural credit - State participation - Lanking of order with marketing. Importance of co-operation and Graining in co-operative development.
5. Nationalised Banks and agricultural credit - role of Reserve Banks of India and State Bank of India in agricultural credit.
   (a) Role and Development of Urban Co-operative Banking.
7. Functions and working of co-operative marketing & processing societies - Co-operative spinning mills, co-operative sugar factors - Milk co-operative and co-operative Milk Producers unions - Co-operative Gining and Pressing societies - Co-operative ground-nut oil processing and rice Mills, Functions and working of consumer co-operative stroes - their role in holding the price line.
8. Management of co-operative societies - Managing Committee - By laws of societies - General Body - meeting.
9. New dimensions co-operative growth and emphasis on development of weak section and such as small and marginal famers, agricultural labours and rural artisans, fishermen self employed persons throuth co-operative - Youth and co-operation.
10. Set up of Co-operative department-Functions and power of commissioner/registrar of co-operative societies.

**ISLAMIC CULTURE**

**Paper III : Islamic Culture :**
SYBA (Ext)   78

Islamic Culture in India upto the end of the Mughal rule, Commerical relations of India & Arabia, Arab conquest of the Sind and the consequent spread of Islam - Coestablishment of the Muslim rule in India - Salient features of Muslim administration - Recognition of Arabic & Persian as courd. languages - Development of Persian Literature in India. Advent of Muslim saints in India and wide spread of Islam among Indians - Salient features of Sufism in India - Cheif characteristics of Muslim architecture - Salient features of the contribution of Muslim to painting & music.

Books recommended
1. Tarachand : ‘Influence of Islam on Indian Culture’
2. Iswari Prasad : ‘History of Mediaeval India’
3. Quraishi : ‘Administration of Sultans of Delhi’
4. Jadunath Sarkar : ‘Mughal Administration’
6. Percy, Brown : ‘Indian Painting’
7. Arberry : ‘Legacy of Islam’
8. A. M. Shastery : ‘Outlines of Islamic Culture’
9. S. M. Jafar : ‘The Cultural aspects of Muslim rule in India’.

Paper IV : Social Institution in Islam :


Book recommended
3. — : ‘The Legacy of Islam’ (Article Crusades)
4. Levy : ‘Sociology of Islam’
5. Khuda : ‘Contribution to the History of Islamic Civilization’ Two volumes (Calcutta University Press)
8. — : ‘Herkolts Islam in India’.

Paper V : Outline of Islamic Literature & Learning

Second Subsidiary Paper VII-Islamic Culture

Glimpses of Islamic Culture in India :


Prevalance of Arabic and Persian in India-Origin of Urdu-Spread of Sufism in India-Silent features of Muslim Administration, Architecture, Dress, Diet, music, painting in India.

Books recommended
1. Tarachand : ‘Influence of Islam on Indian Culture’
2. I. H. Qureshi : ‘Administration of the Sultans of Delhi’
4. Percy Brown : ‘Indian Painting’ (Relevant portion)
5. Dr. Chhotubhai Naik : ‘मुस्लिमीन के भारत’, पं 2
6. Ratanamani Rao Jote : ‘शुजाउल्लाह के साहित्यिक उद्देश्य’
7. Dr. Chhotubhai Naik : ‘आर्केन-क्वेस्टरीन शुजाउल्लाह पर अध्ययन’, प. 19-6
8. — : ‘Thariikh-e-Adab-e-Urdu’

STANDARD OF PASSING

R. Ext. Arts-8 :
SYBA (Ext) 79

To pass the Second B.A. (External) Examination a candidate must obtain atleast 36% of the mark in each subject.

Those of the successful candidates who obtain atleast 60% of the total marks obtainable will be placed in the First Class and those obtaining 48% of the total marks obtainable will be placed in the Second Class.

A candidate passing the examination will not be eligible for the Third or First B.A. Examination as a regular student by keeping terms.

R. Ext. Arts-9:

A candidate who fails at the Second B.A. (External) Examination and has obtained 40% or more of the marks in English and 44% or more of the marks in any of the other subjects provided he has passed in that subject, shall at the option be excused from appearing in that subjects-at a subsequent examination and will be declared to have passed the whole Examination when he has passed in all remaining subjects of the examination. Provided that in the subject or subjects in which he appears on the last occasion, he must obtain the minimum number of the marks in each subject as required under R.Ext. Arts-8.

R. Ext. Arts-10:

A candidate who has passed atleast in two subjects one of which must be an optional subject at the Second B.A. (External) Examination shall be allowed to register his name for the Third or Final B.A. (External) Examination, but shall not be declared to have passed the Second B.A. (External) Examination unless he passes in the previous of the same examination season in the remaining subject or subjects, His result for the Third Final B.A. Examination shall not be declared till he passes the Second B.A. (External) Examination. He will not be eligible for keeping terms for the Third or Final B.A. Examination as a regular student.

Provided, however, on his reappearing in the examination subject, in which he has failed if he obtains at least minimum marks required for passing in that subject notwithstanding his failure to clear all the subjects at one and same attempts, he will not be required to reappear in it.

R. Arts-14 (A):

A candidate who failed at the B.A. (Sp.) or B.A.(Gen.) Examination under Old Course and has obtained exemption in English compulsory or in the total of eight optional papers will be entitled to claim exemption from the respective subject at the Second B.A. and the Third B.A. Examination in the manner stated herein below.

A candidate passing the examination in this manner shall not be eligible for a class a scholarship or any other award for the Examination.

<table>
<thead>
<tr>
<th>No.</th>
<th>Subject which secured exemption in Old Course</th>
<th>Eligible for claiming exemption in the subject at the Second B.A. Examination</th>
<th>Eligible for claiming exemption in the subject at the Third B.A. Examination</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Comp. English</td>
<td>Comp. English</td>
<td>Comp. English</td>
</tr>
<tr>
<td>2.</td>
<td>In eight optional papers</td>
<td>In special and subordinate subject in offering the same as Principal and subordinate Subject</td>
<td>In special subject in same subject offered as the B.A. (Old) Examination</td>
</tr>
<tr>
<td></td>
<td></td>
<td>B.A. General Examination</td>
<td></td>
</tr>
<tr>
<td>1.</td>
<td>Comp. English</td>
<td>Comp. English</td>
<td>Comp. English</td>
</tr>
<tr>
<td>2.</td>
<td>In eight Optional papers</td>
<td>In subordinate subject only if the two papers offered are the same as offered B.A. (Gen.) Examination.</td>
<td>Nil</td>
</tr>
</tbody>
</table>

ORDINANCES OF EXTERNAL EXAMINATION

Ordinance 174-A:

(i) An application for Registration as an external student by a candidate whose mother-tongue is Gujarati shall be endorsed in a prescribed form by a member of the Court of this University for the time-being or a Head Master of a High School in the Gujarat State or a Judicial Magistrate of the First Class or a Principal of an affiliated College of this University.

(ii) An application for Registration as an external student by a candidate whose mother-tongue is not Gujarati must be supported, in addition to the endorsement by any of the persons-mentioned in (i) above, by an affidavit that the candidate has been continuously staying for a period of not less than one year in the State of Gujarat immediately preceding his application for Registration.
(iii) A candidate whose mother-tongue is not Gujarati and desires Registration for the external examination on the basis of the last examination passed from any of the University in the State of Gujarat. If recognised by this University shall be exempted from the condition shown in clause (ii) as above.

(2) No student whose name is registered in a college or at the University during an academic year for any course either in the Arts Faculty or in other Faculty shall be registered as an external student during that academic year except in exceptional cases to be sanctioned by the Executive Council.

(3) Every student intending to register as an external student must obtain from the Registrar, the appropriate registration form this duly completed must be received at the University together with the Registration fee on or before the last date prescribed for receiving applications in this behalf. It will, however, be competent for the Registrar to accept, in his discretion, applications received after the prescribed date with the late fee.

(4) The Registrar shall send before 28th February, and official intimation of registration to every student who has applied for registration and paid necessary fees, provided the application is in order.

(5) Registration for an external examination is valid only for the particular Examination and for the same year and it cannot be reserved or transferred for any subsequent examination.

A candidate who has once registered himself for an external examination and appeared and failed at that examination can appear at a subsequent examination only after a fresh Registration.

Ordinance 174-B :

No candidate who has appeared at any examination as an external student shall be eligible for any scholarship, prize, medal or other award of the University Examination, which is not specifically reserved for external students.

Ordinance 174-C :

Exemption earned by candidate at an external examination may be claimed only if the candidate appears subsequently as an external candidate.

Ordinance 174-D :

A candidate appearing at any external examination shall be required to affix on the space provided on the examination form his pass-port-size photograph duly signed by him and certified by either (1) a Government Gazetted Officer, or (2) a Principal of the College affiliated to this University, or (3) any other member of the Court of this University, or (4) the Head Master of a recognised High School in the State of Gujarat.

Registration fees once paid by the candidates shall be refundable as per the following Rule :

(1) If a candidate expires prior to the date of the commencement of the examination, full fees will be refunded to the First claimant, such claimant being his / her kith and kin.

N.B.—Refund, if any, will be made after the declaration of the result.

By Order,

M. S. Shah (Offg.)
Registrar.