O. Arts–1 :
Candidates for admission to the First B.A. of the Three-year Degree Course must have passed the Higher Secondary School Certificate Examination conducted by the Gujarat Secondary Education Board or an examination considered by the University as equivalent thereto. Candidates who have passed Pre-University Arts Examination will also be eligible for admission to F.Y.B.A. Class.

R. Ext. Arts–1 (F. Y. B.A.) :
The following are the subjects prescribed for study for the First B.A. (External) Examination:

<table>
<thead>
<tr>
<th>No.</th>
<th>Subject</th>
<th>Paper</th>
<th>Marks</th>
<th>Duration of Examination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compulsory Subjects :</td>
<td></td>
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<tr>
<td>1.</td>
<td>English</td>
<td>One</td>
<td>100</td>
<td>3 hours</td>
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<tr>
<td>2.</td>
<td>A Classical Language</td>
<td>One</td>
<td>100</td>
<td>3 hours</td>
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<td></td>
<td>SANSKRIT OR PERSIAN</td>
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</tbody>
</table>

Optional Subject :
3 & 4. Two papers (i.e. Papers I and II) in any one subject from the following; 3 & 6. taken as a Principal subject and two papers (i.e. Papers I and II) in any other subject taken as a First Subordinate subject.
Each paper will be of 3 hours duration and the marks for each paper will be 100.
7. One Paper in any one subjects of the following subjects to be offered as a Second Subsidiary subjects. This subject will be other than the Principal and the First Subordinate subject.
The marks for this paper will be 100 and the paper will be of three hours duration.

List of Subjects for Papers 3

(1) English  (12) —  (23) Islamic Culture  (As a Subordinate Subject only)
(2) Hindi  (13) —  (24) Mathematics  (As a First Subordinate Subject only)
(3) Gujarati  (14) —  (25) Geography  (As a Subordinate Subject only)
(4) Sindhi  (15) —  (26) Statistical Methods  (As a Subordinate Subject only)
(5) —  (16) History  (27) Co-operation  (As a Subordinate Subject only)
(6) —  (17) Political Science  (28) —  (As a Subordinate Subject only)
(7) Urdu  (18) Economics  (29) —  (As a Subordinate Subject only)
(8) Persian  (19) Sociology  (30) —  (As a Subordinate Subject only)
(9) Arabic  (20) Philosophy  (31) —  (As a Subordinate Subject only)
(10) Sanskrit  (21) Philosophy  (32) —  (As a Subordinate Subject only)
(11) —  (22) Indian Culture  (As a Subordinate Subject only).
FY BA (Ext) 14
संस्कृत

प्रथम वर्ष भी.ने. (2012-2013) नी परीक्षा मात्र नियत विषयां पाठ्यपुस्तको

प्रमन्त्र 1 - संस्कृत संस्कृत

इतिहास : प्रमिण्या रे अने पद
(नीवेदन गुरुस्वामी वर्णन प्रमन्त्रो वर्ण्यां म्हणे.)

Units : I स्पर्शवासववादमु - कृतिमो आस्वाद
II स्पर्शवासववादमु - अनुवाद अने संदर्भ
III बुधवारित (सर्जन ३) - कृतिमो आस्वाद
IV बुधवारित (सर्जन ३) - अनुवाद अने संदर्भ
V आस्त, अवश्यर्षया खण्ड, समय, क्रम अने आपेक्षित संस्कृतमांची अनुवाद
(नों : अनुवादां वार्षिकी ते अक्षर विकल्प आपत्त.

प्रमन्त्र 2 : संस्कृत मुख्य अने प्रथम गोष्ट संस्कृतां छान्या मात्रे) (Special Sanskrit) :

विकल्पीकृत महाकाव्य (Epic of growth)

सामाजिकांची सुरक्षाकरण (सर्जन १०, १३, १८, १९,२०,२१,२६, (ढू-७ सर्जन)
ओडिशानेत्र इस्टप्टुबु, वार्षिकी आबूल्त अनुसार थाक

Units : I आर्य महादेवांची विवाहाना, रामायणांची वाचनां अने समीतिस्मृति
II सुरक्षाकरण (सर्जन १०, १३, १८-२१, २६) अनुवाद अने समयस्ती
III भारतपारिजातमु - ब्यवहारपारिजातमु (सर्जन १२, १३ अने १४)
IV सुरक्षाकरण : कृतिमो विवेकानामक अभ्यस्त
V पर्यंतक श्रु. भू. वर्ण-णच स्तुती वर्तनाङ्कां अने भविष्यांच्या मृत्यापोर्ने आढळारे जल पदार्थां वाचनां र्खणाचा

अवकलित केवळ आबूल्त

सुरक्षाकरणां थाक ओडिशानेत्र इस्टप्टुबु, वार्षिकी सामाजिकी स्मृतिला आबूल्तमांची वेणां चें.
1. “डिक्स्टरी आगें संक्षेप वितरकर” : अनौ. द. रे
2. “संक्षेप सारस्त्रिय प्रश्नकार्य” : पं. अवलोकन उपाध्याय
3. “प्रश्न संक्षेप सारस्त्रिय प्रश्नकार्य” : अ. अमृत उपाध्याय
4. “संक्षेप नाटकों का परिचय” : ओ. तपस्वी मां, युनिन. संघ निर्माण बोड़, अभायवाद-क.

प्रथम वर्ष भी.अ. (संक्षेप) वित्तीय गोला विनियम प्रवन्धों अथवा काम प्रवन्ध-अ

(क) कोण अंक प्रतिदिन संक्षेप नाटककथाओं सर्वानी विवरणात्मक अभाव:
(नावः पाठकपुस्तकमंची अनुवाद अथवा संबंधी कथाओं अथवा आयोजना नयी.)

(ख) शास्त्र-शास्त्रीय पदार्थ केत्ता श्रेणी (नीचे मुख्रयः):

‘रूपीत शास्त्र’ श्रेणी:
1. डिक्स्टरी आगें संक्षेप वितरकर निधना
2. प्रश्न संक्षेप सारस्त्रिय प्रश्नकार्य
3. बालक काठियालिया
4. शौचालय
5. सिंहदर्शक विनियम
6. जिःणमात्र
7. प्रश्नादायक कहानी
8. प्रश्नादायक गोर्जण
9. प्रश्नादायक प्रश्नकार्य
10. जिःणमात्र
11. प्रश्नादायक कहानी
12. प्रश्नादायक गोर्जण
13. प्रश्नादायक प्रश्नकार्य
14. शिक्षा विश्वास
15. शिक्षा विश्वास

प्रथम वर्ष भी.अ. 2012-13 संक्षेप वित्तीय गोला विनियम पदार्थ-पाठ्यक्रम प्रमेय 3 माहें पाठ्यपुस्तक

(क) ब्यवस्थित “वित्तीयसम्बन्ध”
(नावः पाठकपुस्तकमंची अनुवाद अथवा पुरावधिक संबंधी कथाओं अथवा आयोजना नयी.)

(ख) भर्तृखिंद्रा शास्त्र-शास्त्रीय पदार्थ केत्ता श्रेणी 50 श्रेणीः.

प्रमेय 3 : अधिक गोला संक्षेप:

Units : I भव्यतृतिनुणु भवन, कृति अथवा सम्प
II उपरामर्थितनारा अंकवार परिवह
III उपरामर्थितनारा सारस्त्रिय आयार
(अनुवाद अथवा संबंधी पाठ्यक्रम प्रवन्धों अथवा नयी.)
IV भर्तृखिंद्रा पदार्थ केत्ता श्रेणीः भर्तृखिंद्रा (अनुवाद अथवा पुरावधिक संबंधी)
V भर्तृखिंद्रा पदार्थ केत्ता श्रेणीः आयार.
FY BA (Ext) 16  
F.Y. B.A. ARABIC (2011) EXAMINATION-2012  

F.Y.B.A. Compulsory:

Poetry: Sab-i-Mualleqat (Mualliqa III) (Zuhair Bin Abi Salma)
Grammer: Murakkabatus Tausifiya--Murakkabatus Izafiya-Jamlat Ul Ismiya
Prose: Manthurat Min Adabil Arab By H. Rabe Naqvi.

(a) Following lessons:
1. Tathirul Quran 5. Jude Erab
2. Khitabul Quran 6. Tijaratul abeha
3. Fi Sabilul Deen 7. Umar bin Abdul Aziz
4. Al Eateraf bin Naemat

(b) Surat al Naba min Quran
(c) Translation of unseen Arabic passage into the language of the medium.

Units

Units - I: General and critical questions about
(1) Life and works of the author zuhair bin bi salma.
(2) Salient feature of Maulleqat.
(3) Peculiarities of maulleqat of zuhair bin salma.
(4) Qasida its origin and development.

Units - II: General questions about prose section, and critical & Textual question about prescribed lesson of the Text-Book.

Unit - III: Translation explanation of poetry verses.
(1) Line o. 1 to 16
(2) Line No. 17 to 32
(3) line No. 33 to 48
(4) Line No. 49 to 64.

Unit - IV: (A) Grammar:
Murakkabut tuasifyah
Murakkabut Izafiyah
Jumlatul Ismiyah.
(B) Anuotations from the Text-Books.
(C) Translation of sentences into arabic.

Unit - V: Translation and Explanation of the prose Paragraph.
(1) Page 13 to 19
(2) Page 41 to 46
(3) Page 61 to 63
(4) Page 101 to 102
(5) Page 134 to 136

Paper-I (Poetry)
SAB-I MULLIQAT (Muallaqa-Vth) (Liumru bin Kulsum Tughlabi)
(i) MAZI-MUZARE-MUSTAQBIL-MAZI BA'EED-MAZI ISTEMRARI ISTEQRARI
(ii) Translation of unseen Arabic verses.
Unit - I: General question about.
(1) Life of Umroo bin Kulsum.
(2) Salient features of maulqeqt.
(3) Peculiarities of the qaseeda of Umroo bin Kulsum.
(4) Origin and Dev. of Qaseeda.

Unit : II : Translation & Explanation.
(1) 1 to 18
(2) 19 to 36
(3) 37 to 54
(4) 55 to 72
(5) 73 to 90
(6) 91 to 103

Unit - III : Elaboration of couplets poetry line.

Unit - IV : 'Garden' of following
(1) Mazi
(2) Mazare
(3) Mustaqbil
(4) Mazi Baeed
(5) Istimrari
(6) Isteqrari.

Unit - V : Translation of Arabic (unseen) verses.

Paper-II (Prose)
Mukhtarat min Adabul Arab-Part-I by Abdul Hasan Naqwi.
following Lessons:
— JAWAMEUL KALLIM
— AL QAMIS AL AHMAR
— FISABIL AS SAADAT WAL YAQEEN
— WAFATOS SULTAN SALAHUDDIN AL AYYUBI
— SAIYEEED AL TABE EEN
— AL ZULME MUAZZIN BE KHARAB AL UMRAN
— AHLAL TABAQAT AL ULYA MINAL UMMAT
— AL KOKH WAL QASR.

Units
Unit : I : General Questions about prose section
Unit : II : Critical and Textual Pertaining prescribed Lesson of the Tex book
Unit : III : Reproduction on the topic related to the Lesson of the Tex
Unit : IV : Translation of the unseen Prose passage
Unit : V : Translation ( Textual )
(1) Page 19 to 20 & 62 to 65
(2) Page 76 to 79 & 80 to 85
(3) Page 95 to 99 7 105 to 108
(4) Page 111 to 114 & 124 to 126.
ENGLISH

COMPULSORY ENGLISH

(For 2010–2011 & Until Further Notice)
Compulsory English Course for F.Y.B.A. Examination of
March/April, 2010 onwards

Paper Scheme for
General Stream and English Medium

Unit 1 : Text :

Prose Section :
[Short Notes : 10 marks]
[Short-Answer Questions : 10 marks]
Poetry Section : [Short-Answers Questions only]
[N.B. : Poems may be prescribed giving only the titles]

Unit-2 : Listening : [To be tested only as an internal evaluation]
2 (a) Listening to dialogues,
2 (b) Listening to short passages and taking notes
[N.B. : No marks are assigned for University Question Paper.]

Unit 3 : Reading : Unseen Passages for Comprehension (Elementary Level)
[N.B. : Vocabulary based question(s) such as make sentences using given Words/ phrases selected from the passage may be asked.]

Unit 4 : Writing : Paragraph Writing

Unit 5 : Spoken English (for practice only, Not to be tested.):
(a) Accent : Division of words into syllabus. Word accent.
(To be introduced with reference to the use of dictionary)
(b) Greetings in everyday conversation
(c) Polite requests, questions, short questions, Short answers and question tags.

Unit 6 : Grammar, Usage and Textual Vocabulary :  
Following items will be revised and reinforced,
Articles, Tenses, Preposition and Verbs.

Texts for F.Y.B.A. Examination

General Stream :

Text : Chinar : An Anthology of Prose & Poems :
(Chapters 2, 4, 16 & 17 not to be considered for examination).

English Medium :

Text : Prose and Poetry for the Young Reader :
(Prose : Lessons : 1 to 10, Poetry : 3 to 10).
1. Introduction to the History of English Literature:

   (a) General Acquaintance with the ages of history of English Literature and their characteristics of given periods from 1550 to 1960. Their acquaintance will be tested by a question of objective nature asking them to relate characteristics to the period.

   The following periods are prescribed:
   - 1559-1625;
   - 1625-1660;
   - 1660-1700;
   - 1701-1740;
   - 1798-1832;
   - 1832-1890;
   - 1890-1918;
   - 1918-1939;
   - 1939-1960.

   (b) Candidates will be asked to relate the following writers to their respective ages:


   (c) Candidates will be asked to relate the following writers to their works:

   **Writers**

   **Works**

   1. William Shakespeare
      - Hamlet, Macbeth, Othello, King Lear,
      - As you like It, A midsummer Night's Dream,
      - Twelfth Night.

   2. Geoffrey Chaucer
      - The Canterbury Tales.

   3. Christopher Marlowe
      - Dr. Faustus

   4. Ben Jonson
      - Everyman in his Humour.

   5. Edmund Spenser
      - The Faerie Queene.

   6. Sir Philip Sidney
      - Arcadia

   7. Francis Bacon
      - The Essays

   8. John Milton
      - Paradise Lost

   9. John Dryden
      - Absalom and Achitophel

   10. William Congreve
       - The way of the World

   11. Jonathan Swift
       - Gulliver's Travels

   12. Addison and Steele
       - Coverly papers

   13. Alexander Pope
       - The Rape of the Lock.

   14. Dr. Johnson
       - The Lives of the Poets

   15. Samuel Richardson
       - Pamela

   16. Henery Fielding
       - Tom Jones

   17. Tobias Sterne
       - Sentimental Journey

   18. Oliver Goldsmith
       - Vicar of Wakefield, She stoops to Conquer

   19. R. B. Sheridan
       - The School for Scandal

   20. Thomas Gray
       - Elegy Written in the country Churchyard
21. Wordsworth & Coleridge
   Lyntical Ballads
22. William Wordsworth
   Tintern Abbey
23. S. T. Coleridge
   Biographia Literaria
24. P.B. Shelley
   Adonais.
25. John Keats
   Eve of St. Agnes
26. Lord Byron
   Child Harold's Pilgrimage
27. Jane Austen
   Pride and Prejudice, Emma
28. Sir Walter Scott
   Ivanhoe
29. Charles Lamb
   Essays of Elia
30. Lord Tennyson
   In Memoriam
31. Robert Browning
   Dramatic Monologues
32. Matthew Arnold
   Sohrab and Rustum
33. Charles Dickens
   David Copperfield
34. William M. Thackeray
   Vanity Fair
35. John Ruskin
   Unto this Last
36. Thomas Carlyle
   Past and Present
37. George Eliot
   Silas Marner
38. Oscar Wilde
   Importance of being Ernest
39. G. B. Shaw
   Candida, Arms, and the Man
40. John Galsworthy
   Forsyte Saga
41. John Masfield
   Salt Water Ballads.
42. Thomas Hardy
   Mayor of casterbridge
43. Virginia Woolf
   To the Lighthouse.
44. James Joyce
   Ulysses.
45. Robert Bridges
   Testament of Beauty.
46. Arnold Bennett
   The old Wives' Tale.
47. D. H. Lawrence
   Sons and Lovers.
48. W. S. Maugham
   Of Human Bondage.
49. E. M. Forster
   A Passage to India.
50. Aldous Huxley
   Brave New World
51. Joseph Conrad
   Lord Jim
52. J. N. Synge
   Rivers to the Sea.
53. W.B. Yeats
   The Countess Cathleen.
54. T. S. Eliot
   The Waste Land.
55. J. M. Barrie
   The Admirable Crichton.
56. Stephen spender
   Destructive Element.
57. H. G. Wells
   Outline of History.
58. A. J. Toynbee
   A Study of History.
59. Siegfried Sassoon
   Counter-Attack
60. Philip Larkin
   The Less Deceived

Unit 2:
(a) Definitions and general characteristics of literature.
(b) Functions of Literature.
(c) Reasons for studying literature.
(d) Importance of studying English literature in the present scenario.
**Unit 3**: Elementary acquaintance with the following terms:

(Candidates will be asked to write on four terms in five sentences each). Allegory, Allusion, Antagonist, Character, Chorus, Climax, Conflict, Dialogue, Diction, Humour, Irony, Legend, Myth, Pastoral, Plot, Poetic, Justice, Protagonist, Rhyme, Symbol, Theme.

**Unit 4 & 5**: Two Text Books.

**Text 1**: A Galaxy of English Essayists

(From Bacon to Beerbohm)

Edited by N. G. Nayar (Macmillan Pub.)

*Only the following Essays are prescribed*:

(i) E. V. Lucas Bores
(ii) G. K. Chesterton: The Worship of the Wealthy
(iii) J. B. Priestley: Lectures
(iv) Robert Lynd: In Praise of Mistakes
(v) A. G. Gardiner: A Fellow-Traveller.

**Text 2**: Modern Short Stories

Edited by M. Q. Khan (Oxford University Press) (Stories 1 & 2 are omitted)

*Recommended Books*

1. William Henry Hudson: An Introduction to the Study of Literature
2. R. J. Rees: English Literature: An Introduction for Foreign Readers (Macmillan)
3. Literary Terms: Edward Quinn-Collins Dictionary

**Paper-II: Forms of Literature**

**Unit 1-2**: Two literary forms will be prescribed (including History of the Form)

**Unit 3-4**: One illustrative Test will be prescribed for each form

**Unit 5**: A short note Question based on both texts

Prescribed from 2009-2010 and until further notice.

**Form 1: Lyric Form**:

Origin, Definition and Characteristics, Growth and Development.
Types: Sonnet, Ode, Song, Ballad, Elegy

**Text 1**: Selections in English Poetry (OUP)

**Poems**:

1. To Me, Fair, Friend - Shakespeare
2. On His Blindness - John Milton
3. Elegy Written in a Country Churchyard: Thomas Gray
4. A Lament: P. B. Shelley
5. Ode to a Skylark: P. B. Shelley
6. All For Love: Lord Byron
7. Ode to a Nightingale: John Keats
8. Tears, Idle Tears: Tennyson
9. Nightingales: Robert Bridges
10. Prospice: Robert Browning
Form 2: Comedy Form

Origin, Definition and Characteristics, Growth and Development, Types.

Text 2: Pygmalion: G. B. Shaw

Recommended Books

1. B. Prasad: A Background to the study of Literature (Revised edition)
2. Alfred H. Upham: The Typical forms of English literature
3. O'Connor: The Lonely Voice
4. A. E. Dyson, Ed.: Comedy: Developments in Criticism
5. P. P. Mehta: Comedy: The Theory and Form

F.Y.B.A. (English) Second Subsidiary—Paper VII

Objectives: The two-year course is intended to equip the student with skills which will enable him to comprehend the language with a reasonable degree of accuracy in its spoken and written forms.

1. (a) Use of Dictionary: with abbreviations used;
   (b) Expression of future, purpose, ability, permission possibility, obligation and condition.
2. Rapid Reading:
   An abridged and simplified text will be prescribed.
3. Comprehension:
   A prose passage of about 300 words.
   Questions of factual and inferential nature will be asked
4. Composition:
   Writing letters, Personal letters and letters of regret, of condolence etc.
5. Translation of sentences or of a small passage of about a hundred words from English to Gujarati or Hindi.
FY BA (Ext) 23

अंक ४ : जेलडी (गुलांक ४), पर्यावरण (गुलांक ४), भिक्षुआर्ही (गुलांक ४), वर्तमान शास्त्री गोविन्दा (गुलांक २).
वर्तमान शास्त्री गोविन्दा को अनुसार जंचन के स्वर, त्यार भान वंचन, स्वर अने वंचनांध्वे अत्याचारी घर्मनी जंचन अ. जंचन आ कम पात्र पडलो लो त्यार पाठ शात पपरंथ पक्षवान रईसे नाथ.

संदर्भ अंकों
(१) आयाम वापर अने विकास-शिक्षण ओजा
(२) गुजराती साहित्योक्ति छात्रालय भाषा-तथ्यी ४
(३) गुजरात साहित्य धर्म भाषा-२ अने २
(४) मध्यकालिक साहित्य स्कूल-चंदकाल मटेरा.

प्रश्नमत्र २ : (ना)
(१) स्मरणायत - शास्त्र आ. बैबुराग
(२) आयामोक्ति - जेलडी मयदान
अंक १ : आयाम अने नियंत्र वापरणो परिहार
अंक २ : स्मरणायतन आ. शास्त्री अन्वाय
अंक ३ : आयामोक्ति आ. शास्त्री अन्वाय
अंक ४ : शास्त्र आ. बैबुराग अने जेलडी मयदान आ. शास्त्री अन्वाय परिहार आयाम जेलडी मयदान 
अंक ५ : कलजत (गुलांक ४), क्लिपप्रयों (गुलांक ५) अने शास्त्रमुख (गुलांक ७)

संदर्भ अंकों
(१) गुजराती साहित्योक्ति छात्रालय भाषा-तथ्यी २
(२) आयाम वापर अने विकास-शिक्षण कदिमा
(३) नववादम - शिक्षण वेब
(४) बैबुराग अध्याम अंच.

प्रश्नमत्र ३ : (यथायोग)
वांनां अंदर-वीरभद्रन पदेव (नाथ : स्वरुपत प्रथं न पुरूष व, पृवीपर संदर्भन प्रथं न पृवी सकाले)
अंक १ : वीरभद्रन पदेव ज्ञान, समध, समध सर्जनो परिहार
अंक २ : क्रितविक्ष आमांय प्रथं
अंक ३ : क्रितविक्ष वटी नाथे
अंक ४ : क्रितविक्ष इंद्र प्रथं
अंक ५ : पृवीपर संदर्भन प्रथं

संदर्भांक
(१) गुजराती साहित्य की भाषा २.
प्रश्नपत्र 1 : आधुनिक हिन्दी काव्य (मुख्य और गोष्टि विषय के विषयार्थियों के लिए)

9. छायावाद काव्यांगण (काव्य संकलन) : संपादक - डॉ. बद्रीनाथ तिवारी, जयभारती प्रकाशन, इलाहाबाद।

पाठ्य कवि एवं कविताएँ

1. जयशंकर प्रसाद : लहर की कविताएँ - १, ३, ४, ५, ९, प्रलय की छाया, हे लाज मरे साँदर्भ बता दो, वस एक बस्ती है।

2. सूय्यकान्त सिपाही 'निराला' : नयन, तुम और मैं, जागो फिर एक बार १, २, स्नेह निकार बह गया है।

3. सुमित्रानंदन पंत : प्रथम रश्मि, मौन निमंत्रण, बादल, पवत्त प्रदेश में पावस, ताज़।

4. हरिंश्राय कविताओं : इस पार उस पार, अंधेरी रातमें, पथकी पहचान, लहरों का निमंत्रण।

5. माधवनाथ चौधरी दिग्विजयी : कैदी और कोकिला, जवानी, गीतों के राजा, प्राण का शृंगार।

2. रश्मिश्री (खंडकाव्य) : समधारीसिंह दिनकर, उदयपुर, पटना।

सूचना : उपयुक्त खंडकाव्य कृतियों के प्रसारण के लिए समग्र कृति तथा संदर्भ सहित व्याख्या के लिए सर्ग १, २ और ४ निर्धारित किए गये है।

संदर्भ ग्रन्थ

१. जयशंकर प्रसाद - डॉ. नंदन्तलारे वाजपेयी।

२. छायावाद - डॉ. नामवरसिंह।

३. निराला - डॉ. राम विलास शर्मा।

४. सुमित्रानंदन पंत - डॉ. नगेन्द्र।

५. बच्चन का रचना संसार - डॉ. तनुजा तिवारी।

६. हिन्दी के आधुनिक कवि - डॉ. रमेशचंद्र शर्मा।

७. कवि दिनकर और भारतीय संस्कृति - डॉ. के भारगवन।

अंक विभाजन

३ व्याख्याएँ

२ आलोचनात्मक प्रश्न

२ संक्षिप्त प्रश्न
प्रश्नपत्र 2. हिन्दी कथा साहित्य (मुख्य और गोपन विषय के छात्रों के लिए)
1. सुबह दोपहर शाम (उपन्यास - छात्र संस्करण)-लेखक, प्रकाश, राजपाल ए.डी. संस.,
   नई दिल्ली।
2. कथा - हूंजू (कहानी संकलन) संपा. डॉ. उमा शंकर तिबारी, श्रीमती माधुरीसिंह, वाणी प्रकाशन,
   नई दिल्ली।

संदर्भ ग्रंथ
1. कहानी - नयी कहानी - डॉ. नामवरसिंह - लोकमात्री, इलाहाबाद
2. उपन्यास : समय और संवेदना - डॉ विजय बहादुरसिंह, वाणी प्रकाशन, नई दिल्ली।
3. समकालिन हिन्दी उपन्यास : समय और संवेदना - सं. डॉं. अब्दुल जालिल, वाणी प्रकाशन, नई दिल्ली।
4. नयी कहानी - संदर्भ और प्रकृति - देवीकंठ अवस्थी, राजकमाल प्रकाशन, नई दिल्ली।
5. हिन्दी कहानी : अंतरंग पहचान - डॉं. रामदरश मिश्र।

अंक विभाजन
3 व्याख्याएँ
2 आलोचनात्मक प्रश्न
2 संक्षिप्त प्रश्न
95 संक्षिप्त एवं वस्तुनिष्ठ प्रश्न

प्रश्नपत्र ७ : सामान्य हिन्दी (द्वितीय गोपन विषय के छात्रों के लिए)।
पुस्तक : प्रतिनिधि कथामाला (कहानी संकलन) संपा. मार्क्शेड-लोकमात्री-प्रकाशन, नई दिल्ली।

अंक विभाजन
2 आलोचनात्मक प्रश्न
2 संक्षिप्त प्रश्न (टिप्पणी)
1 गुजराती अथवा अंग्रेजी से अनुवाद
5 मूल सूत्र
5 कहावतें -मुहावरे (पाठ्य पुस्तक से)
94 वस्तुनिष्ठ प्रश्न

सूचना : पाठ्य पुस्तक में से परिचयात्मक प्र न ही अपेक्षित है।
SINDHI Examination
Syllabus, List of the books and marks system in Sindhi subject at various examinations of Gujarat University

F.Y.B.A. Principle & Subsidiary - I

Paper - I Poetry :
1. Pal pal Jo Parlaau : 'Hri Dilgir'
2. Dharti-a Jo Dardu : Arjun 'Shaad'.
   2 Long questions
   3 References
   2 Short Notes
   5 Grammar : Figures of Speech

Paper- II Prose :
1. Choond Sindhi Kahaniya - Part II : Published by Sahitya Akademi (First twelve stories)
2. Ashirwand (Novel) : Shewak Bhojraj
   2 Long questions
   3 References
   2 Short Notes
   5 Idioms with usage
   1 'Uptaar' (proverb)

Paper- VII Poetry :
1. Sheeiin Shair : Kishinchand Bewas (Reprinted by Bewa Vani Mandir, Adipur)
   1 Long questions
   3 References
   2 Short Notes
   Grammar :
   5 Opposite words
   5 Synonyms
   5 Idioms with usage
   Composition :
   1 Essay

URDU (2011) Examination
(Principle & Subsidiary)

Paper I (Poetry)
(1) Nazm Nigari
Daman-e-Gulchin (omission Marthia)
by Ram Narayan Lal Beni Madhu, Elahabad.

UNITS

Unit I :
=Hamd ki Ta’rīf Aur Mozū
=Munajat ki Ta’rīf Aur Mozuat
=Marthia Ta’rīf Aur Sakht
=Marhia Ki Ibteba Aur Irtigua.

Unit II :
=Altāf Husain Hali Kā Ta’rruf
=Hali Kī NazmNigari
=Iqbal Kā Ta’rruf
=Iqbal Kī Nazm Nigari
Unit III:
- Chakbast ka Ta’rruf
- Chakbast ki Nazm Nigari
- Safi Lakhnavi ka Ta’rruf
- Safi ki Nazm nigari

Unit IV:
- Nazir Akberabadi ka Ta’rruf
- Nazir ki Nazm Nigari
- Josh Malihabadi ka Ta’rruf
- Josh ki Nazm Nigari

Unit V:
- Objective Question related to Syllabus

Reference Book

Paper I
1. Urdu Adab ki Tanqdi Tarikh - Abdul Haq Junedi
2. Nazm Nigari Aur uski Qisme - National Book House
3. Nazm Nama - National Book House
4. Urdu Asnaf-e-sukhan - Gyanchand Jain
5. Muqadam-e-Sher-o-Shayari - Hali
6. Urdu Nasr-o-Nazm- Manzar Abbas
7. Urdu Shairi ka Fanni Irteqa - Farman Fathehpuri

Paper -II (Prose)
URDU AFSANA
PREM CHAND KE MUKHTASAR AFSANE
By Radha Kishan
National Book Trust, New Delhi

1. Batvara
2. Amavas ki Raat
3. Agni Samadhi
4. Eidgah
5. Kafan
6. Do belon ki Kahani
7. Namak ka Darogha
8. Pos ki Raat
9. Bade ghar ki Beti
10. Budhi kaki

UNITS

Unit I:
- Urdu Nasr ki Ibteda Aur Irtiqa
- Afsane ki Ta’rif - Ajza-e-Tarkibi
- Urdu Afsana Azadi se quabl
- Urdu Afsana Azadi ke bad

Unit II:
- Prem chand ki Hayat
- Prem chand ka Usloob
- Prem chand ke Afsano ki khususiat
- Prem chand ke Afsane Aur Hindustani Samaj

Unit III:
- Prem chand ke Afsano men Niswani kirdar
- Jagirdarana Nizam ke khilaf prem chand ki Baghawat.
- Prem chand ke Afsano men Manzarkashi
- Prem chand ke Afsano men Insani reshton ki Jazbat Nigari

Unit IV:
Tabsera
- Kafan
- Amawas ki Raat
- Budhi kaki
- Batvara
- Namak Ka Darogha
Unit V :
=Objective Question as per Syllabus

Reference Book

Paper- II
(1) Urdu men Afsana Nigari - Athar Parvez
(2) Urdu Afsana rivayat wa imkanat - Mohammed Suleman
(3) Afsane ke Meamar - Zaheer Siddiqui
(4) Prem chand Hayate naw - Manak Tala
(5) Prem chand ka fun - Shakilur rehman
(6) Prem chand- By Prakash chand Gupt
(7) Prem chand Sadi ke afsane - Uttar pradesh Urdu Acadmi
(8) Urdu Afsane ka pas manzar - Faiyaz Refa’t
(9) Prem chand ka afsano men hakikat ka amal - Vahid Qureshi

Paper VII (Second Subordinate)
1. Influence of Urdu on Gujarati Language.
2. Development of Urdu literature in Gujarat

UNITS
Unit I :
=Influence of Urdu on Gujarati
=Impact of Gujarati on Urdu
=Development & Formation of Urdu Ghazal
=Cultural integrity between Hindu & Muslim

Unit II :
=Influence of Urdu on Modern Gujarati Ghazal
=Urdu Literature in Gujarat.
=Modern Gujarati Poets & writers.
=Subject-Matter of Urdu Poetry in Gujrati Ghazal
=Urdu prose writers of Gujarat.

Unit III :
=Contribution of Ulma of Gujarat in Urdu.
=Qawwali
=Mushaira
=Hindustani Films & Urdu

Unit IV :
(A) Introduction of Hindu Ghazal writers
=Balashankar Kantharia
=Kalapi.
=Manilal Nabh Bhai Divedi
=Adil Mansuri
=Amrut Ghayal
=Gani Dahiwala
=Shaikh Adam Abuwala
(B) Gujri Poets
=Shaikh Bahauddin Bajan
=Qazi Mahmood Dariyae.
=Shah Alijiv Gamdhani.
=Khoob Mohammed Chistie
=Vali Gujarati

Unit V :
=Indian Elements in Urdu
=Proverbs of Gujarati, Influenced by Urdu.
=Contribution of Hindus for the Development of Urdu.
=Dakhani Urdu & Hindus
=Gujari.
(1) Gujarati Par Arbi Farsi ni Asar....... Dr. Chhotu Bhai Nayak.
(2) Sukhan Waran-e-Gujarat........... Dr. Z.A.Madni
(3) Urdu Adab aur Gujarat. Published by : Guj. Sahiyta Parishad.
(4) Dakhni Hindi Aur Urdu By Nasiruddin Hashmi
    (Collection of Papers read in semina 1985) Published by : Dept.of Urdu, Arabic & Persian.
    M.S. University, Baroda.
(6) Yad-e-Ayyam By Maulana A.Hai Hasani.

PERSIAN Compulsory

(1) Poety :- Rubyate Abu Saeed Abul Khair 1 to 20 Rubai
(2) Prose :- Baharistane Jami 1 to 15

Unit I :
Poetry : Rubayate Abu Saeed Abul Khair 1 to 20 Rubai
General Questions
● Life and works of Abusaeed Abul Khair
● Subject matter of Rubayate Abdusaeed Abul Khair
● Origin and development of Rubai
● Status of Abdusaeed Abulkhair among persian poet.
● Different kinds of persian poetry

Unit II :
General Questions
● Life and works of Maulana Abdur Rehman Jami
● Literary and political condition of Jami’s period.
● Language style and subject matter of baharistane Jami.
● Ethical Literature in persian prose
● Evaluate “Baharistane Jami” as ethical book
● Different kinds of Persian Prose.

Unit III :
Translation and Explanation
(1) 1 to 5
(2) 6 to 10
(3) 11 to 15
(4) 16 to 20

Prose Section
(1) Page 1 to 15
(2) Page 16 to 30
(3) Page 31 to 45

Unit IV :
● Referene to the context connected with the text book.

Unit V :
=Grammer
=Figures of speech all Sana-e-Lafzi and Sana-e-mani connected with Tajness
=Meters
=Behre Mutaqarib Mussaman Salim
=Behra Mutaqarib Mussamana Mahzuf.
=Behre Mutaarib Mussamana Maqsoor
=Annotation
Unit I:
General Questions
-Life of Urfee Shirazee
-Literary work of Urfee Shirzaee
-Origin & development of persian Gazals
-Critical appriciation of Gayazlyat-e-Urfee

Unit II:
General Questions
-Different kinds of persian poetry
-Political condition of Moghal period.
-Writerly condition of Moghal period.
-Contemporaries of Urfee Shirazee

Unit III:
-Translation & Explanation
-Gazal No. 1 to 5
-Gazal No. 6 to 10
-Gazal No. 11 to 15
-Gazal No. 16 to 20

Unit IV:
Figure of Speech
I. All sanai-Lafzi & Sana-e-manvi with Tajnees in addition with Isteara, Qata- Baerain, Tazad & Tareekh.
II. Scantion of the persian complets
-Behre Hajaj Musamman Akhrab
-Behre Ramal Musamman sallim
-Behre Ramal Musamman Mahazuf

III. Annotation

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

Persian—Paper II (Prose) (Principal/Subsidiary)
“Siyahat Nama-e-Ibrahim Beg”
(From the beginning up to “Asp ra rakab zada dar guzahtim wa dar karwan saraye ke beerun-e-sheher waqe Ast, Manzil Kerdeem)
Unit III:
Translation & Explanation
=Page 1 to 15
=Page 16 to 25
=Page 26 to 40
=Page 41 upto the end

Unit IV:
Reference to the context related to the syllabus of the prescribed paper.

Books recommended
(1) Iran no chirag (Gujarati) by Prof. F.C.Dawar
(2) Iran and India through Ages by Prof. F.C.Dawar
(3) Iran-e-Bastan by Hasan parmiyan
(4) Tareek-e-Adabiyat-e-Islam by Shafaque
(5) Shearul Ajam by Maulana Shibli
(6) Bazm-e-Taimuryah by saiyyed Sabahuddin
(7) Bazm-e- Mamulkiyah by Saiyed Sabahuddin
(8) A.Rahim khan-e-khanan by Dr. C.R. Naik
(9) Modern persian prose literature by Kamshad

PHILOSOPHY

Paper I—Logic :
1. The central problem of logic - definition of logic - nature of logical thinking - argument argument form - truth and validity - the formal nature of deductive logic. Difference between Deduction and Induction. The basic functions of language - their mixture - definition - its purposes and types - definition per genus and deferential.
2. Aristotelian classification of categorical proposition. The traditional Square of opposition symbolism and diagrams per categorical proposition. Categorical Syllogism - Figures and moods and roles for valid Syllogism - syllogistic argument - rules - fallacies, Exercises on determining the mood; Figure and validity of given syllogism [Venn Diagram].
3. Truth functions, negation, conjunction, disjunction, implication, equivalence and prepositional forms.
4. Argument, argument forms, decision procedure, through truth table method.

Basic Books
2. Tarkashastra Parichay - Rajshri Dave, Granth Nirman Board
3. Introduction to Logic - Copi Trwing
4. An Introduction to Logic - Cohen & Magel
5. Pratika Tarkashastra - S.S. Sharma, Granth Nirman Board
6. Logic and Philosophy - Kahane Howard.

Paper II—Introduction to Philosophy [Indian - Western] :
2. Philosophy of the world : The Theory of Evolution and the theory of creation, some philosophical implications of evolution.
प्रश्न पहले: नारसिक अनंत पारम्भ (भारतीय अनंत पारम्भ)

Topic-III में विकासपुनः संरचना मध्ये विकासपुनः संरचना विद्यमानी दीवारेवी.

Topic-IV में अनुसारसः स्वतः, मध्ये तथा वेदांतासः उमेदया.

प्रश्न 2: तत्वानुपरिश्रव (भारतीय अनंत पारम्भ)

Topic-I में भारतीय दर्शनों में परिश्रव तथा भारतीय दर्शनों में सामान्य साक्षरताओं उमेदया.

Topic-II में पंतवाद अनंत सुरुवात उमेदया.

Books:
2. Joshi and Upadhyaya : Samanya Darshana, Kiran Prakashana, Karanpara, Rajkot.,
7. A. C. Crayling : Philosophy, Oxford University Press.

Paper VII [Second Subsidiary]:

Deductive Logic
1. Definition of Logic - Argument Form - deduction and inductive argument - 'logic as a formal science'— utility of logic - truth and validity - meaning of proposition - nature of categorical proposition and classes - quality, quantity and distributed terms and types reduction of categorical propositions into standard form.

2. Categorical Syllogism : Standard form - categorical syllogism - the formal nature of syllogistic argument - rules and fallacies - exercises on determining the mood - figure and validity of given syllogisms.

3. Disjunctive and Hypothetical Syllogisms and Dilemma : Valid and invalid forms of Disjunctive Syllogisms - Exercises on determine the kind form and validity of given Mixed Hypothetical and disjunctive syllogisms—The distinction between simple and complex Dilemma. The three ways of Refutation of Dilemma and Rebuffāl.

4. The Necessity of Special Symbols in Logic - Values of Symbols - Simple propositions, nature and types - Compound propositions-nature, types and symbols - The explanation of truth value and truth function.

Basic Books
1. An Introduction To Logic : Cohen and Magel
2. Introduction TO Logic : Copi Irving M.
3. Arvachin Tarkashastra Pravesha (Gujarati) - J. A. Yajnik and K. B. Patel
Paper I: General Psychology

Topics:
2. Driges and Motivations: Nature of Motivation, Primary motives, Social motives (Pages 54-78).
3. Emotion: Physiological changes in emotion, emotional situations, emotional expression (Pages 80-96).
5. Human Learning and Memory: Kinds of verbal learning, Ability to learn, Condition of learning and retention use of reward and punishment (Pages 98-127).
8. Personality: Meaning, The Shaping of Personality, Personality Testing (Pages 236-237, 244-251, 229-235).

Basic Text-book

Reference Books
   Authors: Haben and Runyon
   Reading Mas sachusctts.
2. ‘Introductory Psychology’
   —A Personalized Text-Book.
   Walter M. Vernon (2nd edition revised)
3. ‘उद्भव के सामान्य नियमों’.

Paper II: Psychology and Effective Behaviour:

Topics:
1. The Problems of Adjustment (Stress) (Pages 175-197).
2. Premarital and Marital Adjustment (Pages 300-328).
3. The World of (Pages 330-351).
5. Emotional Competence (397-416).

Basic Text-book
‘Psychology and Effective Behaviour’
Author R. C. Coleman
Publishers: D. B. Taraporewala Sons and Company,
Treasure House of Books, Bombay-1.

Paper VII—Psychology of Adjustment (Second Subsidiary)

(Topics of follows)
1. An Introduction to Adjustment (3-12, 15-18)
2. Motivations (65-94)
3. Frustration (95-118)
4. Defence Mechanism (119-144)
5. Family Adjustment (182-232)
6. School Adjustment (233-262)
7. Job Adjustment (263-300)
8. Psychosexual Adjustment (321-350)
INDIAN CULTURE
(Ancient, Mediaeval and Modern)

Syllabus for Indian Culture

Paper I -- Cultural History of India: Ancient Period

Course for: Exam 2012

Unit 1:
1. Culture and Civilization: Meaning & form
2. Salient features of Indian Culture
3. An outline study of the development of ancient Indian Culture (upto 1206 A.D.)

Unit 2:
1. Sources of the cultural history of ancient India
2. Social and religious life of Indus Civilization
3. Art and architecture of Indus Civilization.

Unit 3:
1. An introduction of four Vedas and Upanishadas
2. Varanashram system of Vedic Period
3. Indian ideals reflected in Ramayana and Mahabharata
4. Contribution of Jainaism to Indian Culture - religion, literature and art
5. Contribution of Buddhism to Indian Culture - religion, literature and art.

Unit 4:
1. Administrative system during the Mauryan Period
2. Cultural achievements of Mauryan emperor Ashok
3. Thinkers of ancient Indian Culture - Panini, Chanakya, Vastyayan and Shankaracharya
4. Indianisation of foreign tribes arrived in ancient India.

Unit 5:
1. Achievement of Chandragupta II, Samudragupt and Harshvardhana
2. Social, economic and religious conditions during the Gupta Period
3. Literature of the Gupta Period
4. Art and architecture of Gupta the Period.

Unit 6:
1. Learning centres of ancient India - Takshashila, Nalanda, Valabhi and Vikramshila.
2. Development of science in ancient India - mathematics, astronomy technology and ayurveda.
3. An outline study of South Indian Culture (Sangam literature, art of Pallava and Chaula - Shaiva and Vaishnav religions).
4. Pre-mediaval culture of India.

Books Recommended

Shastri, K. A. Nilakanth: History of India, Part - I, Ancient India.
Majmudar, R. C.: Ancient India
Basham: The wonder that was India
Dr. Vikram Sing: Glimpses of Indian Culture
Majmudar, R. C. (Ed.): The Age of Imperial unity
Majmudar, R. C. (Ed.): The Classical Age
Majmudar, R. C. (Ed.): The Age of Imperial Kanauj
Shukla, D. N.: Technical Science in Ancient India.
Paper II
(Cultural History of Gujarat : Ancient Period)

Unit 1 :
1. Geographical divisions of ancient Gujarat and the nomenclature of 'Gujarat'
2. Centres of Harappan civilization in Gujarat - Lothal, Rangpur, Rozadi and Dholavira
3. Introduction of Rock edicts at Girinagar.

Unit 2 :
1. Culture during the Kshatrapa Period - Kshatrapa king Rudradama I - his achievements
2. Coins of the Kshatrapa Period
3. Art and architecture during the Kshatrapa period.

Unit 3 :
1. Copper plates and land donation tradition of the Maitraka Period
2. Administrative system of the Maitraka Period
3. Religion, literature and art during the Maitraka Period
4. Glory of Valabhi

Unit 4 :
1. Achievements of Vanaraj chavada
2. Establishment of Solanki dynasty and contribution of mularaj Solanki I
3. Invasion of Mahamud Gaznavi on Gujarat
4. Achievements of Siddharaj Jayasimh and Kumarpal

Unit 5 :
1. Social life during the Solanki Period
2. Economic and religious conditions during the Solanki Period
3. Art and architecture during the Solanki Period

Unit 6 :
1. Minaldevi, Hemachandracharya and Vastupal–Tejpal's contribution to the cultural development of Gujarat
2. Karnadev Vaghela and decline of the hindu dynasty

Books Recommended
Shastri, K. A. Nilkanth : History of India, Part-I, Ancient India
Munshi, K. M. : The glory that was Gujar desh Vol. I
Majumdar, A. K. : Chaulukyas of Gujarat
PAPER VII
(Glimpses of Indian Culture : Ancient Period)
(Second Subsidiary)

Unit 1:
1. Salient features of Indian Culture
2. Harappan Civilization--sculpture and architecture
3. Social and economic life in Harappan Civilization
4. Religious life in Harappan Civilization

Unit 2:
1. Vedic Culture : Vedic literature
2. Social, religious and economic life during the Vedic Period
3. The post-Vedic Culture : The post-Vedic literature
4. Social, religious and economic life during the post-Vedic Period

Unit 3:
1. The Mauryan Culture : administration of Mauryas
2. Social, religious and economic life during the Mauryan Period
3. Mauryan art
4. Invesions of foreign tribes : Yavanas, Shakas, Pahalavas and Kushanas
5. Indianisation of foreign tribes

Unit 4:
1. Gupta Culture : Adminstration of Guptas
2. Literature during the Gupta Period
3. Social, religious and economic life during the Gupta Period
4. Gupta art

Unit 5:
1. Spread of Indian Culture in Sri Lanka, Myanmar (Brahmadesh)-Malaysia, Thai Land and Cambodia
2. Spread of Indian Culture in Vietnam, Indonesia, Afghanistan, Central Asia, China and Tibet
3. Chinese travellers arrived in India ; Fa-Hien--Hiuen Tsiang-It-sing
4. Culture importance of the account of the Chinese travellers arrived in India
FY BA (Ext) 37

Books Recommended

Majumdar, R. C. (Ed.) : The Classical Age, Vedic Age
Mahajan, Vidyadhar : Ancien India
Mookarjee, R. K. : Glimpses of Ancient India

HISTORY
Structure of Syllabus of History
Under Graduate

Paper I & Paper II मां 'युनिट मुख्य संक्षेप-संक्षेप साथे.'

Paper-I : Ancient Indian History (From Indus Valley civilization to 650 A.D.)


History - Paper I

Ancient Indian history up to 650 A. D.
From indus Valley civilization to Ancient Indian History, up to A.D.

Unit 1 :
(a) Survey of Sources to Ancient Indian History :
   (i) Literature (ii) Archaeological (iii) Foreign travellers and historians.
(b) Main features of Indus valley civilization : Town planning-society-economic life and religion.

Unit 2 :
(a) The Vedic Age : Social, Political, economic and religious condition-literature.
(b) Emergence of Gautam Buddha and Mahavir as reformers.

Unit 3 :
(a) Mauryan Age :
   (i) Effects of Alexzandar's invasion on India.
   (ii) India on the eve of the establishment of Mauryan dynasty.
   (iii) Achievements of Ashok
   (iv) Contribution of Ashok in spreading of Buddhism
   (v) Mauryan Administration.
Unit 4 :
(a) Post Mauryan Period :
   (i) Pushyamitra Shunga
   (ii) Kanishka-II Political and cultural achievements.
(b) Cultural contribution of Satvahans Vakatakas, Chalukyas and Pallawas.

Unit 5 :
(a) The Gupta Age :
   (i) Achievements of Samudragupta
   (ii) Political and cultural achievements of Chandragupta II
(b) Guptas Central administration.
(c) Gupta achievements in the field of literature, art & architecture and science.

Unit 6 :
(a) Harshavardhan-Political and Cultural achievements.

Unit 7 :
(a) Indian Heritage : Education, literature art and science.

Books for Reference
1. Majumdar R. C. : The History and culture of the Indian People Vol. I-III
2. Nilkanth Shastri : History of India Part-I
   (1) Ancient India
   (2) History of South India
3. Panikkar K. K. : A survey of Indian History
5. Raychaudhary H. : Political History of Ancient India
6. Tripathi R. C. : (1) Ancient India
   (2) Cultural Heritage of India, I, II
7. Mukerjee R. K. : (1) Chandragupta Maurya and his times
   (2) Hindu Civilization
   (3) Ancient India Education
   (4) The Gupta Empire
   (5) Harsha
8. Kulkarni Chidambara : Ancient Indian History and Culture

Paper-II : History of Modern World
(Reanassiance to League of Nations)

1. Renassance : Meaning, factors leading to it-Impact on literature, art and archiecture and science.
2. Reformation : Factors leading to it and its results.
5. American War of Independence (1776) : Causes and results.
6. French revolution (1789) : Causes and results.
7. Nepoleon Bonaparte and his achievements.
8. Industrial revolution : Causes and effects, Karl Marx.
9. Meiji restoration and emergence of Japan as a modern state.
11. First world war : Causes and results.
Books for reference

5. Gupta R. S. : History of the Modern China.

Unit 1:
(a) Bloodless Revolution in England (1688 A.D.) Causes and effects.

Unit 2:
(a) Industrial revolution : Causes and effects on the world Karl Marx.
(b) Russian Revolution of 1917 A.D. : Causes and effects on the world : Lenin.

Unit 3:
(a) Upheaval of 1857 A.D. : Causes and results–Causes for its failure.
(b) Causes of the rise of Nationalism in India, Indian congress–Main features of its movements from 1885 to 1920 A.D.

Unit 4:
(a) Gandhiji and Major Freedom movements :
   (2) Civil disobediance movement – 1930 A.D.
   (3) Quit India movement – 1942 A.D..
   (4) Subhas Chandra Bose and Indian national ARMY.

Unit 5:
(b) The Chinese revolution of 1949 A.D. A. D. causes and effects - Mao Tse Tung.

Books for Reference

5. प. प. गुप्ता : क्षैतिः दीर्घ
6. पेट्रेक शंकुनारायण : इतिहास अने नेपालविज्ञान
POLITICAL SCIENCE
First B.A. Political Science
Principal / Subsidiary / Second Subsidiary

Paper-I : Basic Principles of Political Theory
Principal/Subsidiary

Paper-II : Governmental Machinery
Principal and Subsidiary

Paper-VII : Indian Politics
Second Subsidiary

Political Science-Paper I
Basic Principles of Political Theory
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Principal / Subsidiary

Paper-I : Basic Principles of Political Theory :
1. Importance of the study of Political Theory-Scope of Political Science
2. State-Elements of the State and State and Society
3. State-Origin and Development
4. Sovereignty-Characteristics of Sovereignty
   A Austin's Theory of Sovereignty
   B Pluralism
5. Citizenship-Rights and Liberty
6. Equality
7. Democracy
8. Welfare state
9. Political Power and Law
   Importance of Law-Definition and meaning of Law-Sources of Law.
Political Science-Paper II

Governmental Machinery

Principal First Subsidiary

1. Constitution : Definition and Meaning-Features of-Ideal constitution-types of constitution-Aristotle's classification of constitutions
2. Types of Governments :
   (a) Unitary Government-Meaning-characteristics-Merits-and Demerits of Federal Government
   (b) Federal Government : Meaning,-Characteristics-Merits-and Demerits of Federal Government
3. Montesquieu's Theory of Separation of Powers
4. Legislature : Composition of Legislatures-Types of Legislatures- Functions-Powers of Legislature
   (a) Uni-Cameral Legislature-Composition and Powers
   (b) Bi.Cameral Legislature-Composition-and Powers
   (c) Process of Law-Making.
5. Executive : Meaning-Types of Executive
   (a) Parliamentary Executive-Characteristics-Merits-and Demerits of Parliamentary Executive.
   (b) Presidential Executive-Characteristics-Merits and Demerits of Presidential Executive.
6. Judiciary : Composition and Functions of Judiciary-Independence of Judiciary
7. Civil Service : Meaning-Role and Characteristics-of Civil Service
8. Election : Electoral systems;-Types of Electoral systems
   (a) Proportional (b) Functional Representation
9. Political Parties : Types of Political-Parties-Functions-Merits- Demerits of Political Parties
   (a) Single-Party system (b) Multi Party-System
Governmental Machinery (सरकारी तंत्र)

1. अंधारास्न : अर्थ-अक्षरस्न अंधारास्नानी व्यवस्था-अंधारास्नानी प्रक्रिया-अतिरिक्तधारातनु अंधारास्नानु वर्गीकरण.

2. सरकारी प्रक्रिया :
   (1) अंतर्तंत्र सरकार-अर्थ-व्यवस्थापनामला गृह-राज्य.
   (2) सरकार-अर्थ-व्यवस्थापनामला गृह-राज्य.

3. भारतीय संविधान (भारत संविधान) नवरतल समाज विकासात्ती स्थापत्य.

4. धारासना : राज्य-प्रक्रिया-संवादानी.
   (1) अंतर्तंत्र धारासना राज्य-संवादानी.
   (2) विद्वान धारासना राज्य-संवादानी.
   (3) प्रधान धारासना प्रशिक्षण.

5. अंतर्गतति : अर्थ-प्रक्रिया.
   (1) संस्कृतिय अंतर्गतति नवरतल अन्य संस्कृति अंतर्गतति नवरतल गृह-राज्य.
   (2) संस्कृतिय अंतर्गतति नवरतल अन्य संस्कृति अंतर्गतति नवरतल गृह-राज्य.

6. भारतीय संविधान : राज्य-वार्षिक स्थापत्य राज्य-स्थापत्य.

7. संरक्षण संविधान : अर्थ-वार्षिक स्थापत्य अन्य संरक्षण संविधान.

8. भारतीय प्रक्रिया : प्रक्रिया-वार्षिक प्रक्रिया गृह-राज्य.

9. अंतर्गतति : अर्थ-प्रक्रिया अन्य अंतर्गतति साधनानी.

10. अंतर्गतति : अर्थ-प्रक्रिया अन्य अंतर्गतति साधनानी.

Ref. Books :
10. अंतर्गतति भारतीय पुस्तक आपातक पुस्तक : पाठ अने पंजा : राज्यशासन विषय व्यवस्था, अंतर्गतति, अन्य दलित व गृहरत्य राज्य : आधुनिक राज्यशासन-परिवाच अने विकास, अतिरिक्त, वर्तमान ओरविविध अंतर्गतति और, गृहरत्य राज्य.

Political Science-Paper II
Governmental Machinery
Principal First Subsidiary
राज्यशासन-पेपर-2 सरकारी तंत्र
मुख्य प्रमुख गौरव
Indian Politics

**Second Subsidiary**

1. Indian Democracy: Major Problems of Indian Democracy
2. Indian National Integration: Meaning and Problems. (Linguistic, Regional, Casteism and Communalism)
3. Salient Features of Indian Constitution:
   (a) Indian Parliament-Loksabha and Rajyasabha-Powers of Parliament
   (b) Characteristics of Indian Federation
4. Organs of Indian Government:
   (a) President of India—Election-Position and Powers
   (b) Cabinet system—Prime Minister
   (c) Supreme Court of India—Independence of Judiciary and Jurisdiction of Supreme Court
5. Fundamental Rights-Safeguards of the Fundamental Rights

**Paper VII Second Subsidiary**

Indian Politics (भारतीय राजनीति)

1. भारतीय लोकसभा : भारतीय लोकसभा के समस्याओं
2. भारतीय राष्ट्रीय अंतर : अर्थ-समस्याओं (भाषाई, आर्थिक, साति अनेकों)
3. भारतीय अंतर्गत के बारे:
   (1) भारतीय संवाद-दांतकारया
   (2) भारतीय संसद-लोकसभा-राजसभा-संसदीय संस्थान
4. सरकारी अंगों:
   (1) राष्ट्रपति-वूंटाड़ी-व्याख्या-संस्थाओं (2) प्रधानमंत्री, अनेकों वाशी
   (3) सरकारी अंतर्गत-भाषाही संस्थान अनेकों सरकारी संस्थाणों
5. मूलभूत अधिकारों: मूलभूत अधिकारों राजस्वादी अंतर्गत
6. (1) वूंटाड़ी: भारतमां वूंटाड़ी प्रकल्प अनेकों वूंटाड़ी-सुधारात
   (2) राष्ट्रीय पाल अनेकों आर्थिक पालनों विकास
7. भारतमां जातिभेद-भाषाभेद-वर्गभेद-राजनीती-निर्माण अनेकों निर्माण

**Ref. Books:**
2. Basu D. D.: An Introduction to constitution of India
4. Kothari Rajani, Bhartiya Rajakaran (Anuvad)
5. Morris Jones W. H., : Government and Politics in India
6. Ray M. P. Bharatiya Rajaniti avam Shasan (Hindi )
7. Sheth Pravin, Bharat No Bandharaniya Vikas
8. Shukla Dinesh., : Bhartiya Rajakaran ni Rooprekha, University Granth Nirman Board, Ahmedabad
Paper I--Elementary Economics

I. Introduction: Scarcity of resources and problem of choice--Definition of Economics: Adam Smith--Marshall and Robbins--Nature of economics:

II. Basic Concepts: Utility Goods and services--Money and wealth--Value and price--Wealth and welfare Monetary and real income--capital and investment.


IV. Supply Analysis: Meaning of supply--Difference between stock and supply--Law of supply--Changes in supply; Expansion and contraction of supply and Increase and decrease in supply.

V. Price Determination: Price determination through demand and supply--The effect of changes in demand on price--The effect of changes in supply on price--The effect of changes in demand and supply on price.

VI. Factors of Production and Division of Labour: Meaning and characteristics of Land, Labour, Capital and entrepreneur--Meaning of division of Labour--Types of division of Labour--Advantages and disadvantages of division of Labour--Factors affecting division of Labour.

VII. Market, Revenue and Cost: Meaning of market--functions of market--concepts of revenue: Average revenue--marginal revenue and total revenue--costs: Real cost, opportunity cost and monetary cost total cost--fixed cost and variable cost Average cost, marginal cost.

VIII. Money: Its Demand and Supply: Limitation of barter system--Definition of money--functions of money--Demand for money--factors affecting demand for money--supply of money--factors affecting supply of money.

IX. Banking: Meaning and functions of commercial bank--meaning and functions of central bank.

X. Economic Systems: Meaning and characteristics of capitalism, socialism and mixed economy.

Note: 1. Diagramatic explanation is to be given wherever necessary.
   2. Each topic carries 10% weightage in question--paper.

Paper II—Indian Economy

I. Indian Economy before Independence: Land systems--cottage and small industries: Textiles and other industries--colonial exploitation: forms and consequences.

II. Types of Economics: Meaning and characteristics of underdeveloped, developing and developed economy--Main characteristics of Indian economy.

III. Population Problem in India: Population explosion--causes of rapid increase in population--effects of rapidly increasing population--Population policy of government of India.

IV. Agriculture: I Importance of agriculture in Indian economy--Meaning of green revolution--causes of low productivity in agriculture--Measures adopted for increasing productivity--Institutional and technological factors.

V. Agriculture: II Land Reforms in Indian Agriculture: Main provisions--critical evaluation of success of land reforms in India--Agricultural Marketing--Defects of agricultural marketing in India steps taken by the government for improving agricultural marketing.

VI. Industry--I: Classification of industry: cottage industry, Tiny industry, small industry--Ancillary industry, Medium and Large industry, sick industrial unit--Importance of small scale industries--problems faced by small scale industries--measures taken by the Government to help small scale industries.

VII. Industry--II: Role of public sector and private sector in India--Importance of private sector--Importance of public sector--objectives, performance and limitations of public sector in India.


X. Environment and Pollution: Meaning of ecological balance--pollution--Types of pollution--Remedial measures.

Note: 1. Only basic statistical information is to be given. Detailed statistical information is not expected.
   2. Each topic carries 10% weightage in the question--paper.
Paper VII—Introduction to Economics (Second Subsidiary)

I Nature and importance of Economics—An introduction to the well-known definitions of Economics.
II Problem of choice—Types of human wants—Factors affecting human wants.
III Meaning of division of labour—Types—advantages—disadvantages—factors affecting division of labour.
IV Meaning of production—factors of production: land, labour, capital and entrepreneurship—characteristics of each factor of production.
V Market: Meaning of market—functions of market.
VI Demand: Meaning of demand—Law of demand.
VII Supply: Meaning of supply—law of supply.
VIII Money: Meaning of money functions of money.
IX Banking: Meaning of commercial bank—functions of commercial bank.
X Main functions of state—sources of income for the state—concept of direct and indirect tax.

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

Paper I: Introduction to Sociology:

Objective: This introductory paper is intended to acquaint the students with sociology as a social sciences and the distinctiveness of its approach among the social sciences.

1. The Nature of Sociology: The meaning and subject matter of sociology and social sciences (economics, psychology, political science and social anthropology)—the scientific and humanistic orientation to sociological study.
2. Basic concepts: Society, community, Institution, association, group, social structure, status and role.
3. The individual in/and society: Society, culture and socialisation, social control; norms, Values and sanctions.
5. Social Change: Meaning and type: Evolution and revolution, progress and development, factor of social change.
6. The uses of Sociology: Introduction to applied sociology—sociology and social problems—sociology and social policy and action—sociology.

Paper II: Indian Society and Social Institution in India:

2. Meaning of Institution and process of institutionalisation.


Reference books
1. Kapadia K. M. : Marriage and Family in India
2. Ghurye, G. S. : Caste, Class and Occupation
3. Srinivas M. N. : Caste in Modern India and other essay
4. Desai Neera : Status of women in India
5. (अनुप्रयुक्त) भारतमार्ग साततसंश्च
6. श्री. पडेश परमशाश्व
7. श्री. छत्रपति साह

Paper VII : F.Y.B.A. Sociology
U.G.C. Model Curriculum

Welfare and Social Legislation :

Objective :
— To understand the constitutional provisions and welfare goals of the state in India.
— To appreciate the social welfare needs of the people of India.
— To understand the social welfare programmes initiated by governments, their successes and failures.
— To enable the students to equip themselves for a career in social welfare agencies, NGO and in labour welfare departments of industries.
— In the changing socio-economic political scenario the concept of social welfare and its components undergo change. Consequently approaches to social welfare also change. Students should be equipped to meet these challenges.
— Social legislation has to keep pace with newer and newer needs of the society. Speed is an important dimension of judicial-legal system to aid the deliverance of welfare services to the people. Social legislation to address these requirements.

Course Outline :
Unit-I : Constitution and welfare State : Concept of welfare state, India-A welfare state, welfare goals of the state, directive principles of state policy.
Unit-II : Social legislation and Social Change : Law as a factor of social welfare and change (Historical overview since independance)
Unit IV : Social legislation and Women : Status of Women in India. Legislation about Dowry. Property rights, political reservation (Pauchayati Raj), and prostitution.
Unit V : Social Legislation and SC/ST, OBCs : Reservation Policy and development of weaker section (education, employment and politics)
Unit VI : Social legislation and handicapped : Status of handicapped people in India (Physically and mentally challenged) welfare of handicapped (Special reference to Gujarat).
Essential readings

5. Robert, F. M. : Law and Social Change-Indo-American Reflections, New Delhi, ISI.

GEOGRAPHY

Syllabus of New Course in Geography

Paper I : Introduction to Geography
Paper II : Physical Geography (Elements of Geomorphology)
Paper VII : General Geography.

PAPER I : INTRODUCTION TO GEOGRAPHY

Course Content :

Unit I : Introduction :

The nature of Geography; objectives and relevance; place of Geography in the classification of sciences; Geography and other disciplines.

Unit II : Geography : Major themes and sub-themes :

Geography as the study of environment; man-environment relationship; ecology and ecosystem; environmental determinism; possibilism; neo-determinism; dualism in Geography - systematic/regional; physical/human; complementarity.

Unit III : Methodology :

(i) Field work - collection of primary data through physical and socio-economic surveys; statistical analysis of data and preparation of maps.
(ii) Instrumental surveys - general understanding of plane-table, chain and prismatic survey.
(iii) Cartographic - map making and mapping techniques.

Unit IV : Modern Techniques :

Introduction to modern techniques; use of air-photos and satellite imageries, remote sensing as a tool for data generation and mapping, computer-cartography.

Unit V : Geography Perspectives :

A brief historical overview of geography as a discipline; recent trends in geography with special reference to India; imperatives for the future; career opportunities for geographers.

Suggested Readings :

Pedagogy:

* Interaction with students from other disciplines with a view to compare geography with other disciplines and to inculcate a conviction in and commitment to geography.

* Throughout the course, conscious effort should be made to drive home the relevance and significance of geography in understanding man-environment-interface.

PAPER II : PHYSICAL GEOGRAPHY (ELEMENTS OF GEOMORPHOLOGY)

Course Content:

Unit I:

The nature and scope of Physical Geography. Inter-relation of Physical geography with other branches of earth sciences; the place of Geomorphology in Physical Geography; Geological Time Scale.

Unit II:


Unit III:

Rocks – origin and composition of rocks; weathering, rocks and relief.

Unit IV:

Geomorphic agents and processes; erosion, transportation and deposition; mass wasting; Evolution of landscape; concept of cycle of erosion, interruptions of cycle of erosion. Fluvial, Arid, Glacial, Karst and Coastal landscapes.

Unit V:

Application of Geomorphology to human activities; Settlements, transport, landuse mining; resources evaluation; environmental hazards and assessment.

Suggested Readings:

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Pedagogy:

The teacher may familiarise the students with Indian examples of landforms with photographs and diagrams. In case it is possible, short field trips may be organised.

Paper VII : General Geography

Course Contents:


Unit-II : Atmosphere: Structure and composition, weather and climate, Elements and factors of climate, Insolation, Temperature, Pressure and winds, global wind system, Humidity and precipitation.

Unit-III : Resources: Meaning, characteristics, types and general nature of distribution, water resource: distribution, utility and conservation. Forest resources: characteristics, types and distribution. Important forest based industries (Gujarat and India).

Unit-IV : Natural regions of the world: Meaning, definitions, classifications, general understanding of each natural region. Detailed study of (1) Equatorial forest regions (2) High Grassland regions (Sudan type) (3) Hot and Dry regions (desert type).

Unit-V : Man and Environment: interrelationship, factors governing environmental pollution, major pollutants, types of pollution, associated problems and remedies with special reference to Gujarat.

Suggested Readings:

4. Stephen, Wright: A World Geography of Forest Resources.
SYLLABUS FOR F.Y.B.A./F.Y.B.Sc. MATHEMATICS PAPER-I

Mathematics Paper-I

Calculus and applications

Unit I : Successive Derivatives, Standard results for $n$th derivatives, Leibnitz’ rule.

Unit II : Convergence and divergence of infinite series, Comparison test, Ratio test, Root test, Convergence of power series.

Unit III : Mean value theorems, Rolle’s theorem, Lagranges’ and Cauchy’s mean value theorems, Taylor’s theorem. Expansion in power series of \( \sin x \), \( \cos x \), \( \log (1+x) \), \( e^x \) and \( (1+x)^m \). (in appropriate domain) Indeterminate forms, L Hospital’s rule.

Unit IV : Integration, Reduction formula, \( \int \sin^m x \cos^n x \, dx \), \( m, n \in \mathbb{N} \setminus \{0\} \) Application of definite integrals to (1) Summation of series (2) Rectification (3) Surface and Volume of revolution.

Unit V : Differential equations, Family of curves leading to differential equation and conversely its solution leading to a family of curves. Constants of integration. Boundary/initial conditions. Exact differential equations in two variables, First order linear and higher degree equations, and their applications.

Unit VI : Linear differential equations with constant coefficients. Their applications. Equations reducible to this type. Second order linear differential equations, Homogenous differential equations.

Unit VII : Velocities and acceleration along radial and transverse directions, and along tangential and normal directions. Simple Harmonic motion.

Reference Books

(1) Differential Calculus : Shantinarayan
(2) Integral Calculus : Shantinarayan
(3) Introductory Course in Differential equations : Murray
(4) Differential Equations : G. F. Simmons (T.M.H.)
(5) Elementary Differential Equations : Kells
(6) Calculus : T. M. Apostol
(7) Pure Mathematics : G. H. Hardy
(8) Mechanics : Synge and Griffith (Art. 4.1, 5.1, 5.2, 6.1, 6.2, 6.3)
(9) विद्युक्त संख्यात्मक : नेह. प्रभाकर अमेर शेख

Syllabus for F.Y.B.Sc. & F.Y.B.A.

Mathematics Paper-II

Matrix Algebra and Geometry

(With theory of equations)


Unit-III : Relations between roots and the coefficients of a polynomial equation in one variable. Transformation of equations, Descarte’s rule of signs. Solution of cubic equations, (Cardan method) Biquadratic equation.

Unit IV : Polar co-ordinates. Polar co-ordinate and Cartesian co-ordinate system and mutual relation. Equations of a line, a circle and conics in polar co-ordinates. Spherical and cylindrical co-ordinates in \( \mathbb{R}^3 \). Their relation with Cartesian system.

Unit VI: Cone and cylinder; Definition of a cone. Its vertex and guiding curve. Its equation with given vertex and guiding curve. Homogenous equation and cone with vertex origin. Right circular cone. Its equation with given vertex, axis and semi vertical angle. Definition of a cylinder. Its equation with generators intersecting a given curve and parallel to a line. Right circular cylinder. Its equation with given axis and radius.


Reference Books
(1) Matrix and linear algebra : K. B. Dutta Prentice Hall
(2) Higher Algebra : H. S. Hall and S. R. Knight H. M.
(3) Co-ordinate Geometry of three dimensions : Shantinarayan
(4) Elements of co-ordinate Geometry : S. L. Loney
(5) Elementary Treatise on co-ordinate Geometry : R. J. T. Bell
(6) Theory of matrices : Vatssa Wiley-Eastern
(7) Higher Algebra : Barnard S. & Child J.M.

First Subsidiary Subject
Statistical Methods Paper-I

1. 1.1 Primary and Secondary data.
   Concept of primary and secondary data. Methods of collecting primary data by direct and indirect investigation. An investigator. A Questionnaire. Sources for secondary data.

1.2 Classification and Tabulation of data.
   Concept of classification, types and importance of classification. Concept of tabulation types and importance of tabulation. Types of statistical variable. Formation of discrete and continuous series for univariate and bivariate data.

1.3 Graphs and Diagram
   Representation of statistical data on (i) Histogram (ii) Frequency Polygon. (iii) Frequency curve (iv) Cumulative Frequency curve (Ogive curve) (v) pie etc. To obtain median, quartiles, deciles, percentiles, percentile rank from the above graphs, Simple examples.

2. 2.1 Measures of Central tendency (20%)
   Meaning of Central Tendency, Various Measures of Central Tendency : Arithmetic Mean, Median, Mode, Their Merits and Memerits, Simple examples of Arithmetic Mean, Median, Mode, Quartiles, Deciles, Percentiles for grouped and ungrouped data.

2.2 Measures of Dispersion.
   Definition of Dispersion. Measures of dispersion. Advantages and disadvantages of them, simples examples to find various measures of dispersion by different methods (Range Q.D.M.D., S.D.) for grouped and ungrouped data.

2.3 Measures of skewness.
   Meaning of skewness, Test of skewness, Measures of skeness. Karl Person’s and Bowley’s methods to measure the skewness.

3* 3.1 Permutations and Combinations. (20%)
   Basic idea of permutations and combinations with simple illustrations. Formulae for nPr and nCr (Without Proof) i.th examples. Use of results.
   ( i ) nCr ( ii ) nCr + nCr - 1 = n+1Cr r[Cn r] = n * n r-1Cr-1] in examples.

3.2 Probability
   Definitions of Random Experiment, Sample space (with simples illustrations), Events, Mutually exclusive events, Equally likely events, Exhaustive events, Dependent events and Independent events, Mathematical, Statistical definitions of probability Theorems and corollaries of addition and multiplication laws of probability. (Without Proof). Simple numerical examples of probability. Concept of Conditional Probability with simple examples. (20%)
4. 4.1 Mathematical Expectations
   Concept of a discrete random variable, Probability mass function of a discrete random variable and its properties. Definition of mathematical expectation of a discrete random variable, Mathematical expectations of sum and product of two independent and dependent random variable (without Proof) and its properties.

4.2 Moments
   Definition of raw and central moments of a discrete random variable upto order four. The relationship of raw moments with central moment (Without Proof). Numerical examples. (20%)

5 Probability Distributions.
   Concept of Probability distribution. Probability mass function of Binomial distribution, Poisson distribution and Hypergeometric distribution (Without derivation). Properties and applications of these distribution. Simple numerical examples. (The value of e^-m should be given). (20%)

References Books :
(4) D. N. Elhance : “Fundamentals of Statistics”

STATISTICAL METHODS PAPER-II

1* 1.1 Function
   Concept of a function of a single variable, (linear, quadratic and exponential functions only.) Domain, co-domain and range of a function. Types of a function. Equal functions, Real function.

1.2 Limit
   Concept of limit & continuity of a function, Rules of limit (Without proof) Examples of limit & continuity of f(x), where f(x) is a polynomial of x.

2* 2.1 Determinants

2.2 Matrics.
   Concept of Matrix, Definition of different types of matrices. Addition, substraction and multiplication of two matrices upto order 3 x 3. Inverse matrix. Use of inverse matrix for solving linear equations upto two variables. Examples.

3* 3.1 Time series. (20%)
   Meaning of time series. Various Components of time series : Trend, Seasonal cyclic and Random Components. Methods of measuring Trend by
   (a) Graphic Method : (Representation only),
   (b) Moving average method,
   (c) Least Square's method.
   Concept of principle of least squares. Curve fitting of linear and quadratic functions by the principle of least squares and to estimate or to obtain trend for simple numerical data. Seasonal indices and simple examples to obtain seasonal indices.

3.2 Index Numbers.

4* 4.1 Linear Programming (20%)
4.2 Demographic methods

Meaning and scope of demography. Uses of demographic statistic. Methods of collecting demographic statistics. Death rates, Crude Death Rate (C.D.R) and Standardised Death Rate (S.D.R.). Examples to find C.D.R, S.D.R and to compare the healthiness of cities. Meaning of Infant Mortality Rate (I.M.R), Crude Birth Rate (C.B.R). Meaning of Fertility Rate, General Fertility Rate (G.F.R), Specific Fertility Rate (S.F.R) and Total Fertility Rate (T.F.R), Examples.

5* Sampling Methods

Concept of population survey and sample survey. Difference between population survey and sample survey. Characteristics of a good sample. The importance of size of a sample. Meaning of sampling. (With replacement and without replacement). Advantages and disadvantages of sampling. Methods of sampling. (Simple random sampling, Stratified random sampling and simple numerical examples) Some important results of simple random sampling without replacement only upto population size of 5 units and upto sample size of 2 units. For stratified random sampling the simple numerical examples upto 3 strata and to find mean, and variance of a stratified random sample.

* References Books :
(3) Sancheti & Kapoor ; "Business Mathematics" Sultan Chand & Sons, New Delhi.
(5) D. N. Elhanche : "Fundamentals of Statistics".

SECOND SUBSIDARY SUBJECT
STATISTICAL METHODS PAPER-VII

1 1.1 Primary and Secondary data.
Concept of primary and secondary data. Methods of collecting primary data : Direct Investigation Indirect Investigation. Information through local agencies, Mailed Questionnaire, Framing of Questionnaire, Sources for secondary data.

1.2 Classification and Tabulation of data.
Concept of classification, types and importance of classification. Concept of tabulation types and importance of tabulation. Types of Statistical variable. Formation of discrete and continuous series for univariate and bivariate data.

1.3 Graphs and Diagram
Representation of statistical data on (i) Histogram (ii) Frequency Polygon. (iii) Frequency curve (iv) Cumulative Frequency curve (Ogive curve). To obtain median, mode, quartiles, deciles, percentiles, percentile rank from the above graphs, Simple examples.

2. 2.1 Measures of Central tendency

Meaning of Central Tendency Various Measures of Central Tendency : Arithmetic Mean, Median, Mode, Their Merits and Demerits. Simple examples of Arithmetic Mean, Median, Mode Quatiles, Deciles, Percentiles for grouped and ungrouped data.

2.2 Measures of Dispersion
Definition of Dispersion. Measures of dispersion. Advantages and disadvantages of them, simples examples to find various measures of dispersion by different methods (Range Q.D.M.D., S.D.) for grouped and ungrouped data.

2.3 Measures of skewness.
Meaning of skewness. Test of skewness, Measures of skeness. Karl person’s and Bowley’s method to measure the skewness.

3* Time series

Meaning of time series, Various Components of time series. Trend, Seasonal, cyclic and Random Components. Methods of measuring Trend by (a) Graphic Method : (Representation only)
(b) Moving average method
(c) Least Square’s method.

Concept of Principle of least squares. Curve fitting of linear and quadratic functions by the principle of least square and to estimate or to obtain trend for simple numerical data.

Seasonal indices and simple examples to obtain seasonal indices.

4* 4.1 Index Numbers : (20%)

4.2 Demographic methods
Meaning and scope of demography Uses of demographic statistic. Methods of collecting demographic statistics. Death rates, Crude Death Rate (C.D.R) and Standardised Death Rate (S.D.R.). Examples to find C.D.R, S.D.R and to compare the healthiness of Cities. Meaning of Infant Mortality Rate (I.M.R), Crude Birth Rate (C.B.R). Meaning of Fertility Rate, General Fertility Rate (G.F.R), Specific Fertility Rate (S.F.R) and Total Fertility Rate (T.F.R), Examples.

5* Sampling Methods (20%)
Concept of population survey and sample survey. Difference between population survey and sample survey. Characteristics of a good sample. The importance of size of a sample. Meaning of sampling. (With replacement and without replacement). Advantages and disadvantages of sampling. Methods of sampling. (Simple random sampling and Stratified random sampling and simple numerical examples). Some important results of simple random sampling without replacement only upto population size of 5 units and upto sample size of 2 units. For stratified random sampling the simple numerical examples upto 3 stratas and to find mean, and variance of a stratified random sample.

References Books :
(5) D. N. Elhance : “Fundamentals of Statistics”

(23) ISLAMIC CULTURE
(As a Subordinate Subject only)

Paper I : An Outline Study of Islam
Jahiliyah days-Social Cultural and Political Life of the Arabs before Islam, the holy prophet and his life-his influence on the contemporary, social and cultural formation-his political relation-internal and external rise of Islam. End of the prophet’s rule.

Recommended Books
3. History of Arabs-Philip Milti.
5. ‘महायुद्ध भारत’, पंज २ : लो. छोटुल्लाह नावत

Paper II : Development and Spread of Islam
Establishment of the Caliphate Lives and works of the first four Caliphs. Rise and extension of the Islamic state-Changes brought about in the Social and Cultural out work of the Arabi during the region of the first four Caliphs. Military and administrative of the early Islamic State. Extention of Islamic rule beyond the limits of Arabia.
R. Ext. Arts-3:

To pass the external examination a candidate must obtain at least 36% of the marks on each subject.

Those of the successful candidates who obtain at least 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.

R. Ext. Arts-4:

A candidate who fails at the First B.A. (External) Examination and has obtained 90% of the marks in English and 44% of the marks in any of the other subjects, provided he has passed in that subject, shall at his option be excused from appearing in that subject, shall at a subsequent examination and will be declared to have passed the whole Examination when he has passed in all the 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 the relevant regulation.

R. Ext. Arts-5:

A candidate who has passed at least in three subjects of which one must be an optional subject at the First B.A. Examination shall be allowed to keep terms as a regular student to register himself as an external candidate for the Second B.A. Examination but shall not be declared to have passed the First B.A. Examination, unless he passes in previous or in the same Examination season in the remaining subject or subjects. His result for Second B.A. Examination shall not be declared till he passes the First B.A. Examination.

Provide, however, on his reappearing in the Examination subjects 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 subject at one and same attempt will not be enquiry to appear in it.

ORDINANCES OF EXTERNAL EXAMINATION

Ordinance 174-A:

(1) (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 application 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 1st March, 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 Rules:

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.

Ordinance 174-G:

No Candidate shall be eligible for registration for the First B.A. (External Examination, unless he has—

(a) passed the Higher Secondary School Certificate Examination or an equivalent Examination. (b) applied for the registration on or before 28th February of each year, and (c) allowed an interval of at least one academic year between his passing Pre-University examination or its equivalent examination and his appearance at the First B.A. Examination, provided that a candidate who is allowed to keep terms for the First B.A. Examination of the University will be considered eligible for registration for the examination.

Ordinance 174-I:

Candidate who have passed the T.D. or D.Ed. Examination of this University or an equivalent examination of any other University, shall be eligible for Registrar on directly for the First B.A., Examination.

Students registering for the First B.A. Examination as external students shall be exempted form regular attendance and the keeping of terms at an affiliated college under Section 22(22) (ix) of the Act as per R. 21C.

By Order,

M. S. Shah
(Offg.) Registrar.