

COURSES OF STUDY

**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 :

No.	Subject	Paper	Marks	Duration of Examination
<i>Compulsory Subjects :</i>				
1.	English	One	100	3 hours
2.	A Classical Language SANSKRIT OR PERSIAN	One	100	3 hours

**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                  |
| ( 2 ) Hindi    | (13) —                 | (As a Subordinate Subject only)       |
| ( 3 ) Gujarati | (14) —                 | (24) Mathematics                      |
| ( 4 ) Sindhi   | (15) —                 | (As a First Subordinate Subject only) |
| ( 5 ) —        | (16) History           | (25) Geography                        |
| ( 6 ) —        | (17) Political Science | (As a Subordinate Subject only)       |
| ( 7 ) Urdu     | (18) Economics         | (26) Statistical Methods              |
| ( 8 ) Persian  | (19) Sociology         | (As a Subordinate Subject only)       |
| ( 9 ) Arabic   | (20) Philosophy        | (27) Co-operation                     |
| (10) Sanskrit  | (21) Psychology        | (As a Subordinate Subject only).      |
| (11) —         | (22) Indian Culture    |                                       |

પ્રશ્નપત્ર - ફરજિયાત સંસ્કૃત

ફરજિયાત : પ્રશિષ્ટ ગદ્ય અને પદ્ય

(નીચેના યુનિટ મુજબ પ્રશ્નપત્રો કાઢવામાં આવશે.)

**Units : I** સ્વપ્નવાસવદત્તમ્ - કૃતિનો આસ્વાદ

**II** સ્વપ્નવાસવદત્તમ્ - અનુવાદ અને સંદર્ભ

**III** બુદ્ધચરિત (સર્ગ ૩) - કૃતિનો આસ્વાદ

**IV** બુદ્ધચરિત (સર્ગ ૩) - અનુવાદ અને સંદર્ભ

**V** ભાસ, અશ્વઘોષનાં જીવન, સમય, કવન અને અપઠિત સંસ્કૃતમાંથી અનુવાદ

(નોંધ : અનુવાદમાં ચારમાંથી બે એમ વિકલ્પ આપવા.)

પ્રશ્નપત્ર ૧ : મરજિયાત : (સંસ્કૃત મુખ્ય અને પ્રથમ ગૌણ સંસ્કૃતના છાત્રો માટે) (Special Sanskrit) :

વિક્સનશીલ મહાકાવ્ય (Epic of growth)

રામાયણમાંથી સુન્દરકાણ્ડ-સર્ગ 10, 13, 18, 19, 20, 21, 26, (કુલ-7 સર્ગ)

ઓરિએન્ટલ ઇન્સ્ટિટ્યુટ, વડોદરાની આવૃત્તિ અનુસારનો પાઠ

**Units : I** આર્ષ મહાકાવ્યની વિભાવના, રામાયણની વાચનાઓ અને સમીક્ષિતાવૃત્તિ

**II** સુન્દરકાણ્ડ (સર્ગ 10, 13, 18-21, 26) અનુવાદ અને સમજૂતી

**III** ભારતપારિજાતમ્ - ભગવદ્ગાયાર્ચકૃત (સર્ગ ૧૨, ૧૩ અને ૧૪)

**IV** સુન્દરકાણ્ડ : કૃતિલક્ષી વિવેચનાત્મક અભ્યાસ

**V** પરસ્મૈપદી કૃ. ભૂ. અસ્-એ ધાતુઓના વર્તમાનકાળ અને ભવિષ્યકાળનાં ક્રિયાપદોને આધારે ત્રણ પદનાં વાક્યોની રચના

ભલામણ કરેલી આવૃત્તિ

સુન્દરકાણ્ડનો પાઠ ઓરિએન્ટલ રિસર્ચ ઇન્સ્ટિટ્યુટ, વડોદરાની રામાયણની સમીક્ષિત આવૃત્તિમાંથી લેવાનો છે.

પ્રશ્નપત્ર ૨ : સંસ્કૃત મુખ્ય અને પ્રથમ ગૌણ સંસ્કૃત રાખનારા છાત્રો માટે

(ક) મહાશ્વેતાવૃત્તાન્ત (ગીતાવસાને મૂકીભૂત...થી લઈ નિષ્પન્દમ્ અતિષ્ઠમ્ સુધી (પીટરસન આવૃત્તિ)

(ખ) સંસ્કૃત કાવ્ય સાહિત્યનો ઇતિહાસ

**Units : I** મહાશ્વેતાવૃત્તાન્ત (અનુવાદ અને પૂર્વાપર સંદર્ભ)

**II** મહાશ્વેતાવૃત્તાન્ત આસ્વાદ અને કવિ પરિચય

**III** ગદ્યકથાનાં ઉત્પત્તિ, વિકાસ અને લક્ષણો, તેમાં બાણભટ્ટનું સ્થાન

**IV** નીચેના કર્તાઓનો સમય અને કૃતિઓનો પરિચય :

અશ્વઘોષ, કાલિદાસ, ભારવિ, માઘ, જગન્નાથ, અમરુ, ભર્તૃહરિ, જયદેવ,

ભાસ, શૂદ્રક, વિશાખાદત્ત, ભટ્ટ નારાયણ, હર્ષદેવ અને ભવભૂતિ.

(આમાંથી જે કવિઓના જીવન, સમય અને કૃતિઓના પ્રાથમિક પરિચયને લગતા હેતુલક્ષી પ્રશ્નો પૂછવા)

**V** ઉપર્યુક્ત કર્તાઓની કૃતિઓનું મૂલ્યાંકન.

**FY BA (Ext) 15**  
**ભલામણ કરેલાં પુસ્તકો**

૧. “હિસ્ટરી ઓફ સંસ્કૃત લિટરેચર” : એસ. કે. ડે
૨. “સંસ્કૃત સાહિત્ય કા ઇતિહાસ” : પં. બલદેવ ઉપાધ્યાય
૩. “પ્રશિષ્ટ સંસ્કૃત સાહિત્યનો ઇતિહાસ” : ડૉ. અમૃત ઉપાધ્યાય
૪. “સંસ્કૃત નાટકોનો પરિચય” : ડૉ. તપસ્વી નાન્દી, યુનિ. ગ્રંથ નિર્માણ બોર્ડ, અમદાવાદ-૬.

**પ્રથમ વર્ષ બી.એ. (સંસ્કૃત) દ્વિતીય ગૌણ વિષયના પ્રશ્નપત્રનો અભ્યાસક્રમ પ્રશ્નપત્ર-૭**

(ક) કોઈ એક પ્રશિષ્ટ સંસ્કૃત નાટ્યકૃતિનો સર્વાંગી વિવેચનાત્મક અભ્યાસ :

(નોંધ : પાઠ્યપુસ્તકોમાંથી અનુવાદ અને સંદર્ભવાક્યોના પ્રશ્નોની અપેક્ષા નથી.)

(ખ) શતક-ત્રયમાંથી પસંદ કરેલા શ્લોકો (નીચે મુજબ) :

<p><b>‘નીતિ શતક’માંથી :</b></p> <ol style="list-style-type: none"> <li>૧. દિક્ કાલાઘનવચ્છિન્ના</li> <li>૨. પ્રસન્ન મણિમુદ્ધરેત્</li> <li>૩. લભેત સિકતાસુ</li> <li>૪. યદા કિંચિત્શોકહું</li> <li>૫. શિરઃશાર્ય સ્વર્ગાત્</li> <li>૬. શક્યો વારયિતુમ્</li> <li>૭. હર્તુર્યાતિ ન ગોચરમ્</li> <li>૮. કેયૂરા ન વિભૂષયન્તિ</li> <li>૯. દાક્ષિણ્યં સ્વજને</li> <li>૧૦. જાડ્યાંધિયો હરતિ</li> <li>૧૧. જયન્તિ તે સુકૃતિનઃ</li> <li>૧૨. પ્રારભ્યતે ન ખલુ</li> <li>૧૩. દૌર્ભન્ત્રાત્</li> <li>૧૪. સિંહઃ શિશુરપિ</li> <li>૧૫. યસ્યાસ્તિ વિત્તમ્</li> <li>૧૬. સત્યાડનૃતા ય પરુષા</li> <li>૧૭. યદ્ધાત્રા નિજભાલપટ્ટ</li> </ol>	<ol style="list-style-type: none"> <li>૧૮. રે રે ચાતક</li> <li>૧૯. લાભશ્યેદ્ગુણેન</li> <li>૨૦. આરભ્મગુર્વી</li> <li>૨૧. વિપદિ ધૈર્યમથાભ્યુદયે ક્ષમા</li> <li>૨૨. સંતપ્તાયસિ</li> <li>૨૩. ભવન્તિ નમ્રાસ્તરવઃ</li> <li>૨૪. એતે સત્પુરુષાઃ</li> <li>૨૫. ક્ષીરેણાત્મગતોદકાય</li> <li>૨૬. પાપાન્નિવારમતિ</li> <li>૨૭. રત્નૈર્મહાહૈઃ</li> <li>૨૮. નિન્દન્તુ નીતિનિપુણા</li> <li>૨૯. ખલ્વાટો દિવસેશ્વરસ્ય</li> <li>૩૦. ગજભુજંગ</li> <li>૩૧. પત્રં નૈવ યદા કરીરવિટપે</li> <li>૩૨. વને રણે શત્રુલાગ્નિમધ્યે</li> </ol> <p style="text-align: center;"><b>‘શુંગાર શતક’માંથી</b></p> <ol style="list-style-type: none"> <li>૩૩. શભ્ભુસ્વયંભુઃ</li> <li>૩૪. નૂનં હિ તે કવિવરા</li> </ol>	<ol style="list-style-type: none"> <li>૩૫. સ્મૃતં ભવતિ તાપાય</li> <li>૩૬. કિં કન્દર્પશરમ્</li> <li>૩૭. મત્તૈકુંભદલને</li> <li>૩૮. તાવન્મહત્ત્વં પાંડિત્યમ્</li> <li>૩૯. વિશ્વામિત્ર પરાશરા</li> </ol> <p style="text-align: center;"><b>‘વૈરાગ્ય શતક’માંથી</b></p> <ol style="list-style-type: none"> <li>૪૦. ભોગા ન ભુક્તાભુવયમેવ</li> <li>૪૧. આશા નામે નદી મનોરથજલા</li> <li>૪૨. ભીક્ષાશનં તદપિ</li> <li>૪૩. ભોગે રોગભયં</li> <li>૪૪. આકાન્તમરણેન</li> <li>૪૫. આદિત્યસ્ય ગતાગતઃ</li> <li>૪૬. વિદ્યા નાધિગતા</li> <li>૪૭. આયુર્વર્ષશતમ્</li> <li>૪૮. ભક્તિર્ભવે</li> <li>૪૯. યાવત્ સ્વસ્થમિદં શરીરં</li> <li>૫૦. મહેશ્વરે વા જગતામધીશ્વરે.</li> </ol>
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**પ્રથમ વર્ષ બી.એ. ૨૦૧૨ની સંસ્કૃત દ્વિતીય ગૌણ વિષયની પરીક્ષાના પ્રશ્નપત્ર ૭ માટેનાં પાઠ્યપુસ્તકો**

(ક) ભવભૂતિનું ‘ઉત્તરરામચરિત’

(નોંધ : પાઠ્યપુસ્તકોમાંથી અનુવાદ અને પૂર્વાપર સંદર્ભનાં વાક્યોની અપેક્ષા નથી.)

(ખ) ભર્તૃહરિના શતકત્રયમાંથી પસંદ કરેલા ૫૦ શ્લોકો.

**પ્રશ્નપત્ર ૭ : અધિક ગૌણ સંસ્કૃત :**

**Units : I** ભવભૂતિનું જીવન, કૃતિ અને સમય

**II** ઉત્તરરામચરિતનો અંકવાર પરિચય

**III** ઉત્તરરામચરિતનો સાહિત્યિક આસ્વાદ

(અનુવાદ અને સંદર્ભ વાક્યોના પ્રશ્નોની અપેક્ષા નથી.)

**IV** ભર્તૃહરિના પસંદ કરેલા શ્લોકોનો (અનુવાદ અને પૂર્વાપર સંદર્ભ)

**V** ભર્તૃહરિના પસંદ કરેલા શ્લોકોનો આસ્વાદ.

**FY BA (Ext) 16**  
**F.Y. B.A. ARABIC (2011) EXAMINATION-2012**

**F.Y.B.A. Compulsory :**

Poetry : Sab-i-Mualleqat (Mualliqat III) (Zuhair Bin Abi Salma)  
Grammar : Murakkabatun Tausifiya--Murakkabatun Izafiya-Jamlat UI Ismiya  
Prose : Manthurat Min Adabil Arab By H. Rabe Naqvi.

(a) Following lessons :

- |                          |                        |
|--------------------------|------------------------|
| 1. Tathirul Quran        | 5. Jude Erab           |
| 2. Khitabul Quran        | 6. Tijaratel abeha     |
| 3. Fi Sabilal 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 Abi Salma.
- (2) Salient feature of Mualliqat.
- (3) Peculiarities of Mualliqat 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 No. 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 :

Murakkabatun Tausifiyah  
Murakkabatun Izafiyah  
Jumlatul Ismiyah.

(B) Annotations 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 (Mualliqat-Vth) (Liumru bin Kulsum Tughlabi)

- (i) MAZI-MUZARE-MUSTAQBIL-MAZI BA'EED-MAZI ISTEMRARI ISTEQRARI
- (ii) Translation of unseen Arabic verses.

**FY BA (Ext) 17**  
**Units**

**Unit - I :** General question about.

- (1) Life of Umroo bin Kulsum.
- (2) Salient features of maulleqat.
- (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) Istemrari
- (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 YAQREEN
- WAFATOS SULTAN SALAHUDDIN AL AYYUBI
- SAIYEED 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 ection

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.

**FY BA (Ext) 18**  
**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 : Chinara : An Anthology of Prose & Poems :**

Editors : Neena Kaul and Renu Anand, Foundation Books Pub.

(Chapters 2, 4, 16 & 17 not to be considered for examination).

**English Medium :**

**Text : Prose and Poetry for the Young Reader :**

Editors : D. K. Sebastian & A. G. Xavier, Macmillan Publication.

(Prose : Lessons : 1 to 10, Poetry : 3 to 10).

F.Y.B.A. Special, First Subsidiary and Second Subsidiary Examinations  
F.Y.B.A. (English and Subsidiary English) 2009-2010 & 2011 Until Further Notice

**Paper-I : Foundation studies in English.**

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 :

Edmund Spenser, Chistopher Marlowe, William Shakespeare, Philip Sidney, Thomas Kyd, Ben Jonson, Francis Bacon, John Webster, John Bunyan, John Milton, John Donne, John Dryden, William Congreve, Jonathan Swift, Addison, Steele, Alexander Pope, Samuel Richardson, Henry Fielding, Dr. Johnson, Oliver Goldsmith, R. B. Sheridan, Jane Austen, Sir Walter Scott, William Wrodsworth, S. T. Coleridge, P. B. Shelley, Lord Byron, John Keats, Charles Lamb, William Hazlitt, De Quincey, Alfred Tennyson, Robert Browning, Mathew Arnold, John Ruskin, Thomas Carlyle, Charles Dickens, W. M. Thackeray, Charlotte, Bronte, George Eliot, Thomas Hardy, Joseph Conrad, H. G. Wells, G. B. Shaw, John Galsworthy, Virginia Woolf, James Joyee, T. S.Eliot, W. H. Auden, D. H. Lawrence, W. B., Yeats, Somerset Maugham, Bertrand Russell.

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

*Writers*

*Works*

- |                        |  |
|------------------------|--|
| 1. William Shakespeare | Hamlet, Macbeth, Othello, King Lear,<br>As you like It, A midsummer Night's Dream,<br>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 Wakefiled, She stoops to Conquer  |
| 19. R. B. Sheridan     | The School for Scandal   |
| 20. Thomas Gray        | Elegy Written in the country Churchyard  |

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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
4. A Glossary of Literary Terms : Abrahams, M. H. (Prism Books)

**Paper-II : Forms of Literature**

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

**Unit 3-4 : One illustrative Text 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
6. A. N. Kaul : The Action of English Comedy.

**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.  
Text : Swami & Friends : R. K. Narayan
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.

**ગુજરાત યુનિવર્સિટી અભ્યાસક્રમ  
પ્રથમ વર્ષ બી.એ. (૨૦૧૨)ની પરીક્ષા માટેનાં પાઠ્યપુસ્તકો  
વિષય-ગુજરાતી**

**પ્રશ્નપત્ર ૧ : (૫૬)**

(૧) કુંવરબાઈનું મામેરું - પ્રેમાનંદ સંપાદક-ચિમનલાલ ત્રિવેદી, કે. બી. વ્યાસ

(૨) પરિક્રમા—બાલમુકુંદ દવે

એકમ ૧ : ગુજરાતી આખ્યાન અને ઊર્મિકાવ્ય-સ્વરૂપ, ઘટકતત્ત્વોનો પરિચય

એકમ ૨ : મામેરુંનો સમગ્રલક્ષી અભ્યાસ

એકમ ૩ : પરિક્રમા - બાલમુકુંદ દવે સમગ્રલક્ષી અભ્યાસ

એકમ ૪ : પ્રેમાનંદ અને બાલમુકુંદ દવેના સમગ્ર સર્જન અને જીવનનો પરિચય

(આ એકમના પ્રશ્નો ઓબ્જેક્ટિવ રૂપમાં પૂછવા)

(અ) સાત પ્રશ્નો પ્રેમાનંદના જીવન-કવનમાંથી અને સાત પ્રશ્નો બાલમુકુંદના જીવન-કવનમાંથી

(બ) પૂર્વાપર સંદર્ભ બંને કૃતિમાંથી પૂછવા.

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એકમ ૫ : જોડણી (ગુણાંક ૪), પર્યાયવાચી (ગુણાંક ૪), વિરુદ્ધાર્થી (ગુણાંક ૪), વર્ણાનુક્રમે શબ્દોની ગોઠવણ (ગુણાંક ૨).  
વર્ણાનુક્રમની ગોઠવણી કોશ અનુસાર જ એટલે કે સ્વર, ત્યાર બાદ વ્યંજન, સ્વર અને વ્યંજનમાં અકારાદિ ક્રમથી જ લેવા. જે શબ્દથી આ ક્રમ ખોટો પડતો હોય ત્યાર પછીના શબ્દ પેપરમાં ચકાસવાના રહેશે નહિ.

#### સંદર્ભ ગ્રંથો

- (૧) આખ્યાન સ્વરૂપ અને વિકાસ-શશિન ઓઝા
- (૨) ગુજરાતી સાહિત્યનો ઇતિહાસ ભાગ-૧થી ૪
- (૩) ગુજરાત સાહિત્ય કોશ ભાગ-૧ અને ૨
- (૪) મધ્યકાળના સાહિત્ય સ્વરૂપો—ચંદ્રકાન્ત મહેતા.

#### પ્રશ્નપત્ર ૨ : (ગદ્ય)

- (૧) સ્મરણયાત્રા - દત્તાત્રેય બા. કાલેલકર
- (૨) આંગળીયાત - જોસેફ મેકવાન

એકમ ૧ : આત્મકથા અને નિબંધ સ્વરૂપનો પરિચય

એકમ ૨ : સ્મરણયાત્રાનો સમગ્રલક્ષી અભ્યાસ

એકમ ૩ : આંગળીયાતનો સમગ્રલક્ષી અભ્યાસ

એકમ ૪ : દત્તાત્રેય બા. કાલેલકર અને જોસેફ મેકવાનના સમગ્ર સર્જન અને જીવનનો પરિચય ઓબ્જેક્ટિવ પ્રશ્નો  
કાલેલકર અને જોસેફ મેકવાનના જીવન કવનમાંથી પૂછવા (ગુણાંક ૮)  
— પૂર્વાપર સંદર્ભ બન્ને કૃતિમાંથી પૂછવા (ગુણાંક ૬)

એકમ ૫ : કહેવત (ગુણાંક ૪), રૂઢિપ્રયોગો (ગુણાંક ૫) અને શબ્દસમૂહ (ગુણાંક ૫)

#### સંદર્ભ ગ્રંથો

- (૧) ગુજરાતી સાહિત્યનો ઇતિહાસ ભાગ-૩થી ૬
- (૨) આત્મકથા સ્વરૂપ અને વિકાસ-રસીલા કડીયા
- (૩) નવલકથા - શિરીષ પંચાલ
- (૪) કાલેલકર અધ્યયન ગ્રંથ.

#### પ્રશ્નપત્ર ૭ : (અધિક ગૌણ)

વાંસનો અંકુર—ધીરુબહેન પટેલ (નોંધ : સ્વરૂપગત પ્રશ્નો ન પૂછવા, પૂર્વાપર સંદર્ભના પ્રશ્નો પૂછી શકાશે)

એકમ ૧ : ધીરુબહેન પટેલના જીવન, સમય, સમગ્ર સર્જનનો પરિચય

એકમ ૨ : કૃતિલક્ષી સામાન્ય પ્રશ્નો

એકમ ૩ : કૃતિલક્ષી ટૂંકી નોંધો

એકમ ૪ : કૃતિલક્ષી ટૂંકા પ્રશ્નો

એકમ ૫ : પૂર્વાપર સંદર્ભના પ્રશ્નો

#### સંદર્ભગ્રંથ

- (૧) ગુજરાતી સાહિત્ય કોશ ભાગ ૨.

## हिन्दी

यु.जी.सी. मॉडल पर आधारित

हिन्दी विषय का २०१०-१२ से परीक्षाओं के लिए निर्धारित पाठ्यक्रम

प्रश्नपत्र १ : आधुनिक हिन्दी काव्य (मुख्य और गौण विषय के विद्यार्थियों के लिए)

१. छायावाद काव्यार्णव (काव्य संकलन) : संपादक - डॉ. बट्टीनाथ तिवारी, जयभारती प्रकाशन, इलाहाबाद।

### पाठ्य कवि एवं कविताएँ

१. जयशंकर प्रसाद : लहर की कविताएँ - १, ३, ४, ६, ९, प्रलय की छाया, हे लाज भरे सौंदर्य बता दो, बस एक बस्ती है ।
  २. सूर्यकान्त त्रिपाठी 'निराला' : नयन, तुम और मैं, जागो फिर एक बार १, २, स्नेह निर्झर बह गया है ।
  ३. सुमित्रानंदन पंत : प्रथम रश्मि, मौन निमंत्रण, बादल, पर्वत प्रदेश में पावस, ताज ।
  ४. हरिवंशराय बच्चन : इस पार उस पार, अंधेरी रातमें, पथकी पहचान, लहरोंका निमंत्रण ।
  ५. माखनलाल चतुर्वेदी : कैदी और कोकिला, जवानी, गीतों के राजा, प्राण का श्रृंगार ।
२. रश्मिस्थी (खंडकाव्य) : समधारीसिंह दिनकर, उदयाचल, पटना ।

**सूचना** : उपर्युक्त खंडकाव्य कृति से प्रश्नों के लिए समग्र कृति तथा संदर्भ सहित व्याख्या के लिए सर्ग १, २ और ४ निर्धारित किए गये हैं ।

### संदर्भ ग्रन्थ

- |                                 |                           |
|---------------------------------|---------------------------|
| १. जयशंकर प्रसाद                | - डॉ. नंददुलारे 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 भार्गवन ।        |

### अंक विभाजन

- ३ व्याख्याएँ
- २ आलोचनात्मक प्रश्न
- २ संक्षिप्त प्रश्न

१५ संक्षिप्त एवं वस्तुनिष्ठ प्रश्न

प्रश्नपत्र-२. हिन्दी कथा साहित्य (मुख्य और गौण विषय के छात्रों के लिए)

१. सुबह दोपहर शाम (उपन्यास - छात्र संस्करण)-ले. कमलेश्वर, प्रका. राजपाल एन्ड सन्स, नई दिल्ली ।
२. कथा - सेतु (कहानी संकलन) संपा. डॉ. उमाशंकर तिवारी, श्रीमती माधुरीसिंह, वाणी प्रकाशन, नई दिल्ली ।

**संदर्भ ग्रंथ**

१. कहानी - नयी कहानी - डॉ. नामवरसिंह - लोकभारती, इलाहाबाद
२. उपन्यास : समय और संवेदना - डॉ. विजय बहादुरसिंह, वाणी प्रकाशन, नई दिल्ली ।
३. समकालिन हिन्दी उपन्यास : समय और संवेदना - सं. डॉ. अब्दुल जलिल, वाणी प्रकाशन, नई दिल्ली ।
४. नयी कहानी - संदर्भ और प्रकृति - देवीशंकर अवस्थी, राजकमाल प्रकाशन, नई दिल्ली ।
५. हिन्दी कहानी : अंतरंग पहचान - डॉ. रामदरश मिश्र ।

**अंक विभाजन**

- ३ व्याख्याएँ
- २ आलोचनात्मक प्रश्न
- २ संक्षिप्त प्रश्न
- १५ संक्षिप्त एवं वस्तुनिष्ठ प्रश्न

प्रश्नपत्र ७ : सामान्य हिन्दी (द्वितीय गौण विषय के छात्रों के लिए) ।

पुस्तक : प्रतिनिधि कथामाला (कहानी संकलन) संपा. मार्कण्डेय,-लोकभारती-प्रकाशन, नई दिल्ली ।

**अंक विभाजन**

- २ आलोचनात्मक प्रश्न
- २ संक्षिप्त प्रश्न (टिप्पणी)
- १ गुजराती अथवा अंग्रेजी से अनुवाद
- ५ भूल सुधार
- ५ कहावतें -मुहावरे (पाठ्य पुस्तक से)
- १४ वस्तुनिष्ठ प्रश्न

सूचना : पाठ्य पुस्तक में से परिचयात्मक प्र न ही अपेक्षित है।

**FY BA (Ext) 26**  
**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
  - Grammar : (from the text)
  - 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 Idions 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'rif Aur Mozu
- =Munajat ki Ta'rif Aur Mozuat
- =Marthia Ta'rif aur Sakht
- =Marhia ki Ibteba aur Irtigua.

**Unit II :**

- =Altaf Husain Hali Ka Ta'ruf
- =Hali ki NazmNigari
- =Iqbal ka Ta'ruf
- =Iqbal ki 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 Tanqidi 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        | (6) Do belon ki Kahani |
| (2) Amavas ki Raat | (7) Namak ka Darogha   |
| (3) Agni Samadhi   | (8) Pos ki Raat        |
| (4) Eidgah         | (9) Bade ghar ki Beti  |
| (5) Kafan          | (10) Budhi kaki        |

**UNITS**

**Unit I :**

- =Urdu Nasr ki Ibtada Aur Irteqa
- =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 Subordniate)**

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 Nabhu 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.



**FY BA (Ext) 29**  
**Reference Books**

- (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
- (5) The Growth of Indo-Persian Literature in Gujarat.  
(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 :- Rubayate 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 Mahzof.

=Behre Mutaarib Mussamana Maqsoor

=Annotation

**FY BA (Ext) 30**  
**Persian Paper I**  
**(Main & Subsidiary )**  
Ghazaliyat-e-Urfi Shirazi (Selected Gazals 1 to 20)  
**UNITS**

**Unit I :**

- General Questions
- =Life of Urfee Shirazee
- =Literary work of Urfee Shirzaee
- =Origin & development of persian Gazals
- =Critical appreciation of Gayazlyat-e-Urfee

**Unit II :**

- General Questions
- =Different kinds of persian poetry
- =Political condition of Moghal period.
- =Riteray 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)**

**UNITS**

**Unit I :**

- General Questions
- =Kinds of persian prose
- =Modern persian prose
- =Social religious & political condition of Iran.
- =Evaluation of “Siyahat Nama”

**Unit II :**

- General Questions
- =Books of Voyage in Persian Literature.
- =Political revolution of Iran.
- =Historical importance of “Siyahat Name”
- =Short Notes pertaining the text.

**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 Shiblli
- (6) Bazm-e-Taimuryah by Saiyed 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 propositional forms.
4. Argument, argument forms, decision procedure, through truth table method.

**Basic Books**

1. Arvachina Tarkashastra - Dr. G. A. Yajnik and K. B. Patel, Swapnil Prakashan.
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] :**

1. Meaning and Definition of Philosophy : An Indian approach, the meaning of Darshan and Mimamsa. The Western approach—Philosophy as a method of reflective thinking.  
Scope of philosophy : (1) The philosophical problems of the main branches of philosophy : (1) Ontology (2) Philosophy of Education (3) Cosmology (4) Ethics (5) Philosophy of Relegion (6) Social philosophy (7) Political Philosophy.
2. Philosophy of the world : THE Theory of Evolution and the theory of creation, some philosophical implications of evolution.
3. Nature of mind and body : Various theories of mind and body relation : ( i ) Interactionism ( ii ) Parallelism ( iii ) Identity theory ( iv ) Epiphenomenalism ( v ) Behaviorism and ( vi ) Sankhya Darshana.

## FY BA (Ext) 32

Problem of Self : Affirmations and denials : An Argument for the existence of self from Nyaya and Sankhya Darshana, The Nature of self.

Immortality of the Self : Conditional Immortality. It's Criticism, Unconditional immortality. Doctrine of rebirth and emancipation.

4. Problem of God : Proofs for existence of God (1) Ontological (2) Cosmological (3) Teleological. Arguments in Nyaya Darshana. God and the world : (i) Desim (ii) Pantheism (iii) Theism. Problem of Evil : What is evil ? Types of evil. Problem of evil and its solution according to pure Monism, Dualism, Christianity, Hinduism, optimism and Pessimism.

### પ્રથમ વર્ષ બી.એ.

પ્રશ્નપત્ર ૧ : તર્કશાસ્ત્ર (ભારતીય અને પાશ્ચાત્ય) :

Topic-III માં દ્વિધાનુમાનના પ્રકારો તથા દ્વિધાનુમાનના ખંડનની રીતો ઉમેરવી.

Topic-IV માં અનુમાનનું સ્વરૂપ, પ્રકારો તથા હેત્વાભાસમાં ઉમેરવા.

પ્રશ્નપત્ર ૨ : તત્ત્વજ્ઞાનનો પરિચય (ભારતીય અને પાશ્ચાત્ય) :

Topic-I માં ભારતીય દર્શનોનું વર્ગીકરણ તથા ભારતીય દર્શનોની સામાન્ય લાક્ષણિકતાઓ ઉમેરવી.

Topic-II માં યંત્રવાદ અને હેતુવાદ ઉમેરવું.

### Books :

1. Yajnik and Kotecha : Prarambhika Tatvachintan : Swapnil Prakashana 6, Kailas Park, Wadhwan City.
2. Joshi and Upadhyaya : Samanya Darshana, Kiran Prakashana, Karanpara, Rajkot,.
3. Kishor Dave : Tatvajnanana Praveshika, Jamnagar.
4. Titus H. H. Living Issues in Philosophy.
5. Bhattacharya H. M. : The Principles of Philosophy, Calcutta University.
6. Brightman : An Introduction to Philosophy, Halt Richard - Winstone.
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 Rebuffal.
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 Pravasha (Gujarati) - J. A. Yajnik and K. B. Patel
4. Prarambhika Tarkashastra - K. B. Vyas, Parimal Dalal and K. B. Mankad. (Gujarati).

**FY BA (Ext) 33  
PSYCHOLOGY**

*Paper I : General Psychology*

*Topics :*

1. **Introduction** : Fields, origin. Methods (Pages 1-27)
2. **Drives 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).
4. **Principles of Learning** : Basic kinds of learning. Other forms of learning Conditions of learning and retention, Use of reward and punishment (Pages 98-127).
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).
6. **Perception** : Object perception, perceptual constancies, motion preception attention (Pages 141-199).
7. **Psychological Testing** : Uses of Testing, Intelligence and Aptitude Tests, Differences in Intelligence (Pages 209-229).
8. **Personality** : Meaning, The Shaping of Personality, Personality Testing (Pages 236-237, 244-251, 229-235).

**Basic Text-book**

‘A Brief Introduction to Psychology’ by Clifford T. Morgan, T.M.H. Publication, New Delhi, 1957 edition.

**Reference Books**

1. ‘Fundamentals of Psychology’ (1974)  
Authors : Haben and Runyon  
Publishers : Adison—Wesley Publishing Company.  
Reading Mas sachusctts.
2. ‘Introductory Psychology’  
—A Personalized Text-Book.  
Walter M. Vernon (2nd edition revised)  
Rand Menally College, Publishing Company, Chicago.
3. ‘उच्यतर सामान्य मनोविज्ञान’.

*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).
4. Intellectual Competence (Pages 379-396).
5. Emotional Eompetence (397-416).
6. Social Competence (Pages 418-35).

**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 Mehianism (119-144)
5. Family Adjustment (182-232)
6. School Adjustment (233-262)
7. Job Adjustment (263-300)
8. Psychosexual Adjustment (321-350)
9. Old Age Adjustment (351-380).

## **FY BA (Ext) 34**

*Text-Book*

Dynamic of Personal Adjustment (1964), Authors : Lehner and Kube  
Publishers : Prentice Hall Inc., Engewood Cliff. (N. J.)

### **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 Jainism 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, Vastiyayan 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-medieval 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.

## FY BA (Ext) 35

सत्यकेतु, विद्यालंकार	: भारतीय संस्कृति और उसका इतिहास
लुळिया, बी. एन.	: प्राचीन भारत का इतिहास
दीनकर, रामधारिसिंह	: संस्कृति के चार अध्याय
परमार, थोमस बी.	: भारतीय संस्कृतिनी जलक (प्राचीनकाल)
पंचोणी, मनुभाई	: आपणो वैभव अने वारसो
पंचोणी, मनुभाई	: भारतीय संस्कृतिना भरती-ओट
शास्त्री, हरिप्रसाद	: प्राचीन भारत भाग १-२
परीष, प्रवीणचंद्र बि.	: भारत दर्शन आदियुग (ग्रंथ-१२) ज्ञानगंगोत्री श्रेणी
पंड्या, सुभन	: भारतनो आद्य इतिहास (पुरातत्त्वनी दृष्टिअे)
शेखत, भारती	: भारतनो आद्य इतिहास (अनुश्रुतिओनो आधारे)
महेता, आर. अेन.	: भारतीय प्रागइतिहास
यावडा, विजयसिंह	: भारतनो सांस्कृतिक इतिहास
साने गुरुज	: भारतीय संस्कृति (अनु. संजय भावे)

## 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.	: Chaulukyias of Gujarat

### FY BA (Ext) 36

Majumdar, M. R.	: Cultural Heritage of Gujarat
Gujarat State Gazetteer	(General) New Edition Vol. I-II
Majumdar, M. R.	: Chronology of Gujarat
મુનશી કનૈયાલાલ	: ગુજરાતની કીર્તિગાથા
પરીખ, રસિકલાલ છો.	: પ્રાચીન ગુજરાતની રાજધાનીઓ
મહેતા, ર. ના.	: ગુજરાતને મળેલ શિલ્પ સ્થાપત્યનો વારસો
શાસ્ત્રી, હરિપ્રસાદ	: પ્રાચીન ગુજરાતની ઇતિહાસની સાધન સામગ્રી
પરીખ, પ્રવીણચંદ્ર	: ગુજરાતના ઇતિહાસના ઐતિહાસિક સાધનો
દિક્ષીત, યતીન્દ્ર	:
જોટે, રત્નમણીરાવ ભીમરાવ	: ગુજરાતનો સાંસ્કૃતિક ઇતિહાસ ભાગ-૧
શાસ્ત્રી, દુર્ગાશંકર	: ગુજરાતનો મધ્યકાલીન રાજપૂત ઇતિહાસ સંશોધિત-વર્ધિત આવૃત્તિ, ગુજરાત વિદ્યાસભા
શાસ્ત્રી, હરિપ્રસાદ	: ગુજરાતનો પ્રાચીન ઇતિહાસ, ગુજરાત યુનિ. પ્રકાશન
પરીખ, ર. છો. અને	: ગુજરાતનો રાજકીય અને સાંસ્કૃતિક ઇતિહાસ, ભાગ ૧ થી ૪
શાસ્ત્રી, હરિપ્રસાદ (સંપા.)	(પ્રકાશન-ભો. જે. વિદ્યાભવન)
આચાર્ય, નવીનચંદ્ર	: ગુજરાતના ચાલુક્યકાલીન અભિલખો - એક અધ્યયન : ઈ.સ. ૯૪૨થી ૧૨૪૪

### 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. Invasions of foreign tribes : Yavanas, Shakas, Pahalavas and Kushanas
5. Indianisation of foreign tribes

##### Unit 4 :

1. Gupta Culture : Administration 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 (Brahmdesh)-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



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### Books Recommended

Majumdar, R. C. (Ed.)	: The Classical Age, Vedic Age
Mahajan, Vidyadhar	: Ancien India
Mookarjee, R. K.	: Glimpses of Ancient India
गुप्त, परमेश्वरीलाल	: गुप्त साम्राज्य
विद्यालंकार, सत्यकेतु	: भारतीय संस्कृति और उसका इतिहास
दिनकर, रामधारिसिंह	: संस्कृति के चार अध्याय
पाण्डेय, राजबलि	: प्राचीन भारत
शास्त्री, हरिप्रसाद	: छठ्पा અને મોહંજો-દડો
	: प्राचीन भारत, भाग-१
पंचोली, मनुभाई 'दर्शक'	: आपणो वारसो અને वैभव
	: भारतीय संस्कृतिना ભરતી-ઓટ
ध्रुव, आनंदशंकर	: હિન્દુધર્મની બાલપોથી
दवे, नानुभाई	: પરદેશોમાં ભારતીય સંસ્કૃતિ
परमार, थोमस	: ભારતીય સંસ્કૃતિની ઝળક : પ્રાચીનકાલ, ગુજ. યુનિ. પ્રકાશન
शास्त्री, हरिप्रसाद	: પ્રાચીન ભારતીય સંસ્કૃતિનો પડોશી દેશોમાં પ્રસાર,
शाह, सुमनाबेन	: યુનિ. ગ્રંથનિર્માણ બોર્ડ, પ્રકાશન
साने गुरुजी	: ભારતીય સંસ્કૃતિ (અનુ. સંજ્ય ભાવે)

## HISTORY

### Structure of Syllabus of History

#### Under Graduate

#### Paper I & Paper II માં યુનિટ મુજબ સુધારા-વધારા સાથે.

Paper-I	: Ancient Indian History (From Indus Valley civilization to 650 A.D.)
Paper-II	: History of Modern World from Reanissance to League of Nations.
Paper-VII	: Revolutions and National Movements in the Modern World. (1688 to 1950) Second Subsidiary in force June-2004.

#### History - Paper I

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

#### Unit 1 :

- Survey of Sources to Ancient Indian History :
  - Literature
  - Archaeological
  - Foreign travellers and historians.
- Main features of Indus valley civilization : Town planning-society-economic life and religion.

#### Unit 2 :

- The Vedic Age : Social, Political, economic and religious condition-literature.
- Emergence of Gautam Buddha and Mahavir as reformers.

#### Unit 3 :

- Mauryan Age :
  - Effects of Alexzandar's invasion on India.
  - India on the eve of the establishment of Mauryan dynasty.
  - Achievements of Ashok
  - Contribution of Ashok in spreading of Buddhism
  - 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
4. Raoson, E. : The Cambridge History of India Vol. I, III
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
9. David D. A. & Others: History and Culture of Ancient India.

**Paper-II : History of Modern World**

(Renaissance to League of Nations)

1. Renaissance : Meaning, factors leading to it-Impact on literature, art and architecture and science.
2. Reformation : Factors leading to it and its results.
3. Bloodless revolution in England (1688) Causes and its impact on the British constitution.
4. Geographical discoveries : Causes and results.
5. American War of Independence (1776) : Causes and results.
6. French revolution (1789) : Causes and results.
7. Napoleon Bonaparte and his achievements.
8. Industrial revolution : Causes and effects, Karl Marx.
9. Meiji restoration and emergence of Japan as a modern state.
10. Chinese revolution of (1911) Causes and results.
11. First world war : Causes and results.
12. Russian revolution (1917) : Causes and its impact on the world.
13. League of Nations : Objectives, achievements and failure.

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### Books for reference

1. Weach W. H. : History of the World
2. Davis A. H. : An outline History of the world.
3. Ketelbey C. D. M. : A History of Modern Times from 1789.
4. Palmor R. R. : A History of the Modern world.
5. Gupta R. S. : History of the Modern China.
૬. નેહરુ જવાહરલાલ : (અનુવાદ) જગતના ઇતિહાસનું રેખાદર્શન.
૭. ભટ્ટ દેવેન્દ્ર : યુરોપનો ઇતિહાસ, ગ્રંથનિર્માણ બોર્ડ
૮. શેઠ સુરેશ સી. : વિશ્વની ક્રાંતિઓ, ગ્રંથનિર્માણ બોર્ડ
૯. ફિશર એચ. : યુરોપનો ઇતિહાસ ભાગ-૧ અને ૨ ગ્રંથનિર્માણ બોર્ડ, અનુ. દેસાઈ કીકુભાઈ
૧૦. પ્રો. ડૉ. કોરાટ પી. જી. : પૂર્વ એશિયાનો ઇતિહાસ, ગ્રંથનિર્માણ, બોર્ડ

## History - Paper VII

### Second Subsidiary History

#### Revolutions and National Movements in the modern World (1688 to 1950)

##### Unit 1 :

- (a) Bloodless Revolution in England (1688 A.D.) Causes and effects.
- (b) War of America Independence 1776 A.D. : Causes and effects, Contribution of George Washington.
- (c) The French Revolution of 1789 A.D. : Causes and results–Napoleon.

##### 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 :
  - (1) Non-Co-operation movement – 1920 A.D.-22 A.D..
  - (2) Civil disobedience movement – 1930 A.D..
  - (3) Quit India movement – 1942 A.D..
  - (4) Subhas Chandra Bose and Indian national ARMY.

##### Unit 5 :

- (a) The Chinese Revolution of 1911 A.D. : Causes and results-Dr. Sun-yat Sen.
- (b) The Chinese revolution of 1949 A.D. A. D. causes and effects - Mao Tse Tung.

### Books for Reference

1. Davis A. H. : An outline History of the world.
2. Kotelbey C. D. : A History of Modern Time from 1789.
3. Dalal B. P. : History of America.
4. Gupta R. S. : History of the Modern China.
૫. સ. પ. યુનિ. : ક્રાંતિ દર્શન
૬. પટેલ મંગુભાઈ : ફ્રેંચ ક્રાંતિ અને નેપોલિયન

**FY BA (Ext) 40**

૭. પટેલ મંગુભાઈ : ભારતના સ્વાતંત્ર્ય સંગ્રામો અને તેના ઘડવૈયાઓ  
૮. પટેલ મંગુભાઈ : વિશ્વક્રાંતિઓ અને રાષ્ટ્રીય આંદોલન.  
૯. ડૉ. ધારૈયા આર. કે. : આધુનિક ભારતનો ઇતિહાસ અને ભારતના સ્વાતંત્ર્ય સંગ્રામો ભાગ ૨.  
10. Mahajan V. D. : India Since 1526.  
૧૧. ડૉ. ધારૈયા આર. કે. : અઢારસો સત્તાવન.  
૧૨. નહેરુ જવાહરલાલ : માર્ટુ હિંદનું દર્શન.  
૧૩. પ્રો. દેસાઈ મહેન્દ્ર ઠાકોરલાલ : રશિયન ક્રાંતિ, ગ્રંથનિર્માણ બોર્ડ  
૧૪. શેઠ સુરેશ સી. : વિશ્વની ક્રાંતિઓ, ગ્રંથનિર્માણ બોર્ડ.

**POLITICAL SCIENCE**

**First B.A. Political Science**

Principal / Subsidiary / Second Subsidiary

- Paper-I** : Basic Principles of Political-Theory (મૂળભૂત રાજકીય સિદ્ધાંતો) Principal/Subsidiary  
**Paper-II** : Governmental Machinery (સરકારી તંત્ર) Principal and Subsidiary  
**Paper-VII** : Indian Politics (ભારતીય રાજકારણ) Second Subsidiary

**Political Science-Paper I**

**Basic Principles of Political Theory**

રાજ્યશાસ્ત્ર-પેપર-૧ (મૂળભૂત રાજકીય સિદ્ધાંતો)

Principal / Subsidiary

**Paper-1** : 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 I**

Basic Principles of Political Theory

Principal First Subsidiary

રાજ્યશાસ્ત્ર-પેપર-૧ (મૂળભૂત રાજકીય સિદ્ધાંતો)

મુખ્ય પ્રથમ ગૌણ

(શૈક્ષણિક વર્ષ જૂન-૨૦૦૩થી અમલમાં)

૧. રાજકીય સિદ્ધાંતના અભ્યાસની અગત્ય અને રાજ્યશાસ્ત્રનું કાર્યક્ષેત્ર
૨. રાજ્યનાં આવશ્યક તત્વો-રાજ્ય અને સમાજ
૩. રાજ્યની ઉત્પત્તિ અને વિકાસ
૪. સાર્વભૌમત્વ-લાક્ષણિકતાઓ-ઓસ્ટિનનો સાર્વભૌમત્વનો સિદ્ધાંત-બહુત્વવાદ
૫. નાગરિકતા-અધિકારો અને સ્વતંત્રતા

૬. સમાનતા
૭. લોકશાહી
૮. કલ્યાણ રાજ્ય
૯. રાજકીય સત્તા અને કાયદો

\*કાયદો-મહત્વ-વ્યાખ્યા-અર્થ અને કાયદાના ઉદ્ભવ સ્થાનો કે સ્ત્રોતો.

**Ref. Books :**

1. Agarwal-Introduction to Political Science
2. Barry, N. P.-Introduction to modern Political Theory, London, Macmillan, 1995
3. Brahmhatt-Citizenship
4. Sir. Barker E.,-Principles of Social and Political Theory
5. Gokhle B. K.,-Political Science
6. Held D.,-Political Theory Today, Cambridge, Palrty Press, 1991.
7. NCERT-Taxt Books in Political Sciences
8. Plant R.-Modern Political Thought, Oxford, Blackwell, 1991.
9. Ramaswamy S.-Political Theory : Ideas and-concepts, Delhi, Macmillan, 2002.
10. Pathak / Pandya-Rajya Shastra Parichiy Bhag-I & Bhag II Anada Prakashan, Gandhi Road, Ahmedabad (Gujarat).
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અંગ્રેજી ભાષાનાં પુસ્તકો ઉપરાંત ગુજરાતી પુસ્તકો :

પાઠક અને પંડ્યા : રાજ્યશાસ્ત્ર પરિચય ભાગ-૧, અમદાવાદ, અનડા પ્રકાશન

શેઠ પ્રવીણ : રાજ્યશાસ્ત્ર-પરિભાષા અને વિશ્લેષણ, અમદાવાદ, યુનિવર્સિટી ગ્રંથ નિર્માણ બોર્ડ, ગુજરાત રાજ્ય

**Political Science-Paper II**  
**Governmental Machinery**

Principal First Subsidiary

રાજ્યશાસ્ત્ર-પેપર-૨ સરકારી તંત્ર

મુખ્ય પ્રથમ ગૌણ

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. Montesquie'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-Characteritics-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
10. Public opinion : Meaning-Importance and Means of Public opinion.

**FY BA (Ext) 42**  
**Political Science-Paper II**  
રાજ્યશાસ્ત્ર-પેપર-૨ (સરકારી તંત્ર)  
મુખ્ય પ્રથમ ગૌણ

**Governmental Machinery (સરકારી તંત્ર)**

૧. બંધારણ : અર્થ-આદર્શ બંધારણનાં લક્ષણો-બંધારણના પ્રકારો-એરિસ્ટોટલનું બંધારણોનું વર્ગીકરણ.
૨. સરકારના પ્રકારો :
  - (૧) એકતંત્રી સરકાર-અર્થ-લાક્ષણિકતાઓ-ગુણ-દોષ.
  - (૨) સમવાયતંત્રી સરકાર-અર્થ-લાક્ષણિકતાઓ-ગુણ-દોષ.
૩. મોન્ટેસ્ક્યુ (મોન્ટેસ્કુ) નો સત્તા વિભાજનનો સિદ્ધાંત
૪. ધારાસભા : રચના-પ્રકારો-સત્તાઓ.
  - (૧) એકગૃહી ધારાસભા-રચના-સત્તાઓ.
  - (૨) દ્વિગૃહી ધારાસભા-રચના-સત્તાઓ.
  - (૩) કાયદા ઘડતરની પ્રક્રિયા.
૫. કારોબારી : અર્થ-પ્રકારો.
  - (૧) સંસદીય કારોબારી-લક્ષણો-અને-સંસદીય કારોબારીના ગુણ-દોષ.
  - (૨) પ્રમુખીય કારોબારી-લક્ષણો-પ્રમુખીય કારોબારીના ગુણ-દોષ.
૬. ન્યાયતંત્ર : રચના-કાર્યો-ન્યાયતંત્રની સ્વતંત્રતા.
૭. સનદી સેવા : અર્થ-ભૂમિકા અને સનદી સેવાની લાક્ષણિકતાઓ.
૮. ચૂંટણી : ચૂંટણી-પદ્ધતિ-ચૂંટણી પદ્ધતિના પ્રકારો-પ્રમાણસર અને વ્યવસાયિક પ્રતિનિધિત્વ.
૯. રાજકીય પક્ષો : પ્રકારો-કાર્યો અને રાજકીય પક્ષ પ્રથાના ગુણ-દોષ.  
એક પક્ષ પ્રથા અને દ્વિપક્ષ પ્રથા.
૧૦. જાહેરમત : અર્થ-મહત્વ-અને જાહેરમતના સાધનો.

**Political Science-Paper II**  
**Governmental Machinery**  
Principal First Subsidiary  
રાજ્યશાસ્ત્ર-પેપર-૨ સરકારી તંત્ર  
મુખ્ય પ્રથમ ગૌણ

**Ref. Books :**

1. Almond G. Et. al., Comparative Politics Today : A World View, 7th & edn, New York, London, Harper/collins, 2000.
2. Carnoy M., : The state and Politics-Theory, Princeton Nj-Princeton University Press, 1984.
3. Finer S. E., : Comparative Government, Harmonds Worth, Penguin, 1974.
4. Gokhle B. K., : Political Science.
5. Lijphart A., : Electoral systems and Party system, New Haven CT, York University Press, 1994  
( Ed.), Parliamentary versus, Presidential Government, Oxford and New York, Oxford University Press, 1992.  
Democracies : Patterns of Majoritarian and consensual Government in Twenty. One countries, New Haven C.T., and London, York University Press, 1992.
6. NCERT., : Text Books in Political Science.
7. Pathak-Pandya., : Rajyashastra Parichya-Bhag-II, Anada Prakashan, Gandhi Road, Ahmedabad.
8. Pravin Sheth : Adhunik Rajyashastra-Paribhasha and Vishleshan, University Granth Nirman Board, Ahmedabad.
9. Ramaswami S., : Political Theory : Ideas and Concept, Delhi, Macmillam, 2002.  
અંગ્રેજી ભાષાનાં પુસ્તકો ઉપરાંત ગુજરાતી પુસ્તકો :  
પાઠક અને પંડ્યા : રાજ્યશાસ્ત્ર પરિચય ભાગ-૨, અમદાવાદ, અનડા પ્રકાશન  
શેઠ પ્રવીણ : આધુનિક રાજ્યશાસ્ત્ર-પરિભાષા અને વિશ્લેષણ, અમદાવાદ, યુનિવર્સિટી ગ્રંથનિર્માણ બોર્ડ, ગુજરાત રાજ્ય.

**FY BA (Ext) 43**  
**Political Science - Paper VII**  
**Indian Politics (ભારતીય રાજકારણ)**  
**Second Subsidiary**

1. Indian Democracy : Major Problems of Indian Democracy
2. Indian National Integration : Meaning and Problems. (Lingustic, Regional, Castism and Communalism)
3. Salient Features of Indian Constitution :
  - (a) Indian Parliament-Loksabha and Rajysabha-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
6. Election : Electoral Process in India-Electoral Reforms-Political Parties and Development of Regional Parties
7. Public Opinion in India-Importance-Role of News-Papers, Radio and Television.

**Paper VII Second Subsidiary**  
**Indian Politics (ભારતીય રાજકારણ)**

૧. ભારતીય લોકશાહી : ભારતીય લોકશાહીની સમસ્યાઓ.
૨. ભારતની રાષ્ટ્રીય એકતા : અર્થ-સમસ્યાઓ ( ભાષાકીય, પ્રાદેશિક, જ્ઞાતિ અને કોમ.)
૩. ભારતીય બંધારણનાં લક્ષણો :
  - (૧) ભારતીય સમવાયતંત્ર-લાક્ષણિકતાઓ.
  - (૨) ભારતીય સંસદ-લોકસભા-રાજ્યસભા-સંસદની સત્તાઓ.
૪. સરકારી અંગો :
  - (૧) રાષ્ટ્રપતિ-ચૂંટણી-સ્થાન-સત્તાઓ
  - (૨) પ્રધાનમંડળ અને વડાપ્રધાન.
  - (૩) સર્વોચ્ચ અદાલત-ન્યાયતંત્રની સ્વતંત્રતા અને સર્વોચ્ચઅદાલતનું અધિકાર ક્ષેત્ર.
૫. મૂળભૂત અધિકારો : મૂળભૂત અધિકારોના રક્ષણની જોગવાઈઓ.
૬. (૧) ચૂંટણી : ભારતમાં ચૂંટણી પ્રક્રિયા અને ચૂંટણી-સૂધારાઓ.
  - (૨) રાજકીય પક્ષો અને પ્રાદેશિક પક્ષોનો વિકાસ.
૭. ભારતમાં જાહેરમત-મહત્વ-વર્તમાનપત્રો-રેડિયો અને-ટેલિવિઝનની ભૂમિકા.

**Ref. Books :**

1. Aiyar A. P. and Mehta U. ( eds. ), Essay on Indian Federation
  2. Basu D. D. : An Introduction to constitution of India
  3. Gandhi, sanghavi and Desai, Swarajya Darashan, Gnyan Gangotri,- Shreni No. V, Saradar Patel University, Vallabh Vidhyanagar, 1969
  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
  9. Verma S. P. and Bhambri C. P. ( Eds. ), Elections and consciousness in India.
- અંગ્રેજી પુસ્તકો ઉપરાંત ગુજરાતી પુસ્તકો :
- સંઘવી દેસાઈ અને ગાંધી : સ્વરાજ્યદર્શન-જ્ઞાન ગંગોત્રી ગ્રંથ શ્રેણી-૫ (સ. પ. યુનિ.)
- શુક્લ દિનેશ અને અમીન હસમુખ : ભારતીય રાજકારણની રૂપરેખા, (ગ્રંથ નિર્માણ બોર્ડ, ગુજરાત રાજ્ય)
- રોય એમ. પી. : ભારતીય રાજનીતિ એવમ્ શાસન (હિન્દી), જયપુર, કોલેજ બુક ડેપો.

**FY BA (Ext) 44  
ECONOMICS**

**Paper I--Elementary Economics**

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

Normative--Positive--Art and Science--scope of Economics : Production--Consumption--Exchange and Distribution.--Macro & Micro Economics.

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

**III. Demand Analysis :** Meaning of Demand--Law of demand--changes in demand : Expansion and contraction of demand, increase and decrease in demand--Law of diminishing marginal utility.

**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. Diagrammatic 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--Importance of public sector--objectives, performance and limitations of public sector in India.

**VIII Unemployment in India :** Nature of unemployment--types of unemployment--extent of unemployment--Government policy for reducing unemployment.

**IX Poverty in India :** Absolute and relative poverty--poverty line --Indicators of poverty causes of poverty. Government policy for removing poverty.

**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.



## FY BA (Ext) 45

### 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.

### પેપર ૭ (અધિક ગૌણ) – અર્થશાસ્ત્ર પરિચય

૧. અર્થશાસ્ત્રનું સ્વરૂપ અને મહત્વ - અર્થશાસ્ત્રની પ્રચલિત વ્યાખ્યાઓનો પરિચય
૨. પસંદગીનો પ્રશ્ન - માનવ જરૂરિયાતોના પ્રકારો, માનવ જરૂરિયાતોને અસર કરનારા પરિબલો
૩. શ્રમ વિભાજનનો અર્થ - પ્રકારો - લાભ અને ગેરલાભ - શ્રમ વિભાજનને અસર કરતાં પરિબલો.
૪. ઉત્પાદનનો અર્થ - ઉત્પાદનના સાધનો : જમીન, મૂડી, શ્રમ અને નિયોજિત શક્તિ-ચારેય સાધનોના લક્ષણો.
૫. બજાર : બજારનો અર્થ - બજારના કાર્યો.
૬. માંગ : માંગનો અર્થ - માંગનો નિયમ.
૭. પુરવઠો : પુરવઠાનો અર્થ - પુરવઠાનો નિયમ
૮. નાણું : નાણાંનો અર્થ - વેપારી બેન્કના કાર્યો.
૯. બેન્કો : વેપારી બેન્કનો અર્થ - વેપારી બેન્કના કાર્યો.
૧૦. રાજ્યના કાર્યો : સરકારના મુખ્ય કાર્યો - સરકારની આવકના સાધનો-પ્રત્યક્ષ અને પરોક્ષ કરવેરાનો ખ્યાલ.  
નોંધ : પ્રશ્નપત્રમાં દરેક મુદ્દાને માર્કની દૃષ્ટિએ ૧૦ ટકા જેટલો ભાર આપવાનો છે.

## SOCIOLOGY

### 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.
4. **Social stratification and mobility** : Meaning, forms and theories.
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 :

1. Social and cultural characteristics of India : Caste, S.C., S.T. and OBC. Religious minorities, Rural and Urban background, languages and dialects (with special reference to Gujarat).
2. Meaning of Institution and process of institutionalisation.

### FY BA (Ext) 46

3. Marriage : Meaning and Forms-Monogamy, Polyandry, Polygyny-Restruction on choice of partners-Endogamy and Exogamy, Bridgroom price and Bride price.  
(Consent, Age-group, Payments, Partners, Intercaste marriage and Divorce) Changes in the institution of marriage in modern India, Marriage in Islam.
4. Family : Meaning and Forms-Nuclear and Hindu joint Family Matriarchal and Patriarchal (Tarawad) (Nambudhri Illom). Changes in the institution of family in modern India; change in Husband-Wife and parent-child relationship, Intergenerational gap.
5. Caste System : Meaning Characteristics and functions. Origin of caste system Varna and caste, Caste and gender, Historical perspective and change.

#### 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. હટન જે. એચ. : (અનુવાદ) ભારતમાં જ્ઞાતિસંસ્થા  
ગુજરાત યુનિવર્સિટી પ્રકાશન
6. ડૉ. પટેલ તારાબહેન : ભારતીય સમાજવ્યવસ્થા
7. ડૉ. કલ્પના શાહ : સ્ત્રીનો પલટાતો દરજ્જો  
(યુનિવર્સિટી ગ્રંથનિર્માણ બોર્ડ)

### 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 independence)
- Unit III: Social Legislation and Children :** Status of Children in India (reduction, health and labour).  
Legislation about primary education and child labour.
- 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).
- Unit VII : Human Right in India :** Human rights violation in India (Environment issues, exploitation of children and HIV/AIDS).]

## FY BA (Ext) 47

### Essential readings

1. Kulkarni, P. D. : Social Policy and Social Development in India, Madras, ASSWI, 1979.
2. Pathak, S. Social Welfare : An Evolutionary and Development Perspective, Delhi : Macmillan, 1981.
3. Patil, B. R. : The Economics of Social Welfare in India, Bombay, Somayya, 1978.
4. Bhatia, K. L. : Law and Social Change Towards 21st Century, New Delhi, Deep and Deep, 1994.
5. Robert, F. M. : Law and Social Change-Indo-American Reflections, New Delhi, ISI.
6. Shams Shamsuddin : Women, Law and Social Change, New Delhi, Ashish Publishing House, 1991.
7. Indian Social Institute : Annual Survey of Indian Law, New Delhi, ISI, 1998.
8. Antony, M. J. : Social Through Courts, New Delhi, ISI, 1997.
9. Katalia & Majundar : The Constitution of India, New Delhi, Orient Publishing Company, 1981.
10. Chiranjivi J. Nirmal : Human Rights in India, Oxford University Press, 2002.
11. S. P. Agrawal & J. C. Aggarwal : Educational and Social Uplift of Backward classes Concept Publishing Company, 1991.

## 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 1 : 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 :**

1. Abler, Ronald, F. et.al : Geography's Inner Worlds : Pervasive Themes in Contemporary American Geography; Routledge, New Jersey, 1992.
2. Dikshit R. D. : The Arts, Science of Geography, Integrated Readings, Prentice Hall of India, New Delhi, 1994.
3. Dikshit R. D. : Geographical Thought — A Contextual History of Ideas, Prentice Hall of India Pvt. Ltd., 2000.
4. Dohrs, F. E. and Sommers, L. W. (Eds.) : Introduction of Geography, Thomas Y. Crowell Co., New York, 1967.
5. Hartshorne, Richard : Perspective on the Nature of Geography, Rand McNally and Co., New York, 1967.
6. Harvey, David : Explanation in Geography, Edward Arnold, London, 1972.
7. Holt-Jensen, A : Geography : Its History and Concepts, Longmans, 1980.

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8. Husain, Majid : Evolution of Geographical Thought, Rawat Publications, Jaipur, 1984.
9. James, P. E. : All Possible Worlds : A History of Geographical Ideas, Sachin Publiction, Jaipur, 1980.
10. Johnston, R. J. and Claval, P. (Eds.) : Geography Since the Second World War, Croom Helm, London/ Bernes and Noble, N. J. 1984.
11. Jones, P. A. : Field work in Geography, Longmans, 1968.
12. Lownsbury, J. F. and Aldrich, F. T. : Introduction to Geographical Methods and Techniques, Charles Merrill, Columbus, 1979.
13. Minshull, R. : The Changing Nature of Geography, Hutchnison University Library, London, 1970.
14. Wooldridge, S. W. : The Geographer as Scientist, Thomas Nelson and Sons Ltd. London, 1956.

### **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 :**

Earth's interior, Wegner's theory of continental drift; Plate-Tectonics. Earth movements – organic and eperogenic. Isostasy, earthquakes and volcanoes.

#### **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 assesement.

### **Suggested Readings :**

1. Dayal, P : A Text book of Geomorphology, Shukla Book Depot, Patna, 1996.
2. Durry, G. H. : The Face of the Earth, Penguins, 1980.
3. Ernst, W. G. : Earth Systems - Process and Issues, Cambridge University Press, 2000.
4. ICSSR : A Survey of Research in Physical Geography Concept, New Delhi, 1983.
5. Kale V. and Gupta, A : Elements of Geomorphology, Oxford University Press, Calcutta, 2001.
6. Monkhouse, F. J : Principles of Physical Geography, Hodder and Stoughton, London, 1960.
7. Pitty, A : Introduction to Geomorphology, Methuen, London, 1974.
8. Sharma, M. S. : Tropical Geomorphology, Concept, New Delhi, 1987.
9. Singh, S. : Geomorphology, Prayag Pustakalaya, Allahabad, 1998.
10. Small, R. J. : The Study of Landforms, McGraw Hill, New York, 1985.
11. Sparks, B. W. : Geomorphology, Longmans, London, 1960.
12. Steers, J. A. : The Unstable Earth, Some recent views in Geography, Kalyani Publication New Delhi, 1964.

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13. Strahler, A. N. : Environmental Geo-Science, Hamilton, Publication, Santa Barbara, 1973.
14. Strahler, A. N. and Strahler. A. H. : Modern Physical Geography, John Wiley & Sons, Revised Edition, 1992.
15. Summerfield, M. A. : Global Geomorphology, Longman, 1991.
16. Thornbury, W. D. : Principles of Geomorphology, Wiley Eastern, 1969.
17. Wooldridge S. W. and Morgan, R. S. : The Physical Basis of Geography - An Outline of Geomorphology, Longman Green & Co., London, 1959.
18. Wooldridge, S. W : The Geographer as Scientist, Thomas Nelson and Sons Ltd., London, 1956.

#### **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-I : Meaning, definition, nature, scope and subject-matter of geography. Geography and other disciplines. Solar system: origin, nebular and tidal hypothesis, origin and distribution of Continent and Oceans, Continental drift theory and Plate tectonics, Orogenesis and major landforms.
- 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:**

1. Strahler, A.N. and Strahler, A.H.: Modern Physical Geography, John Wiley & Sons, Revised edition, 1992.
2. Farro Charles: Principles of General Geography, General Printers and Publishers, Bombay, 2003.
3. Cheng Leong: Certificate Physical and Human Geography, Oxford University Press, Singapore (New edition).
4. Stephen, Wright: A World Geography of Forest Resources.
5. Eurich and Eurich: Population Resources and Environment.
6. Desai, A.T. and V.G. Dalal (ed.): College Bhugol, Rachana Prakashan, Ahmedabad.
7. Shah, M.R. and K.N. Jasani: Bhautik Bhoogol, University Granth Nirman Board, Ahmedabad.
8. Sheth, V.C.: Parvatoni Bhugol, Anada Prakashan, Ahmedabad.
9. Sheth, V.C.: Kudarati Pradesho, Gujarat University Prakashan, Ahmedabad.
10. Trivedi Mahesh: Pradooshan, Gurjar Prakashan, Ahmedabad.
11. Trivedi Mahesh and Y.P. Pathak: Manav Aane Paryavaran – Bhaugolik Pariprekshana, University Granth Nirman Board, Ahmedabad.
12. Vora A.B. and Y.P. Pathak: Pradooshan: Prashna Aapano, Ukel Aapano, University Granth Nirman Board, Ahmedabad.

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**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,  $\int \sin^m x \cos^n x dx$ , ( $m, n \in \mathbb{N}$ ) 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                         | : Shantinakaran  |
| (2) Integral Calculus                             | : Shantinakaran  |
| (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) વિકલ સમીકરણ                                   | : જે. બી. સંડિલ અને શેઠ                                  |

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

**Mathematics Paper-II**

**Matrix Algebra and Geometry**

*(With theory of equations)*

- Unit I : Symmetric and skew-symmetric matrices. Hermitian and skew-hermitian matrices. Elementary operations on matrices. Inverse of a matrix. Linear dependence and independence of row and column matrices. Row rank, column rank and rank of a matrix. Equivalence of row rank and column rank of a matrix.
- Unit II : Eigenvalues, eigenvectors and the characteristic equation of a matrix. Cayley-Hamilton theorem and its use in finding inverse of a matrix. Application of matrices to a system of linear equations. Theorems on system of consistency of linear equations.
- Unit-III : Relations between roots and the coefficients of a polynomial equation in one variable. Transformation of equations, Descartes' 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  $R^3$ . Their relation with Cartesian system.
- Unit V : Sphere, Intersection of a line and a sphere. Equation of tangent plane and normal. Plane section of a sphere. Intersection of two spheres. Angle between two spheres. Orthogonal spheres.

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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.

Unit-VII : Conicoids: Central and non-central conicoids, Ellipsoid, Hyperboloid of two sheets and one sheet. Elliptic paraboloid and hyperbolic paraboloid. Intersection of a line and a conicoid. Equation of tangent plane and normal.

### 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 : Shantinakaran
- (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.

(Each unit carries 15 marks in each paper and four periods per week for each paper)

The following are suggestions for S.Y.B.Sc. and T.Y.B.Sc. syllabus. Your suggestions about the content and reference books are welcome. You may write to Prof. Ladhawala, Head of mathematics department, Gujarat University, Ahmedabad on or before 30/06/2003.

## 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 Demerits, 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, simple 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 skewness. Karl Pearson'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) with 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 simple 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%)  
 Numerical examples
- 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 :

- (1) Goon, Gupta, Dasgupta : "An outline of Statistical Theory" Vol-I and II, World Press, Calcutta (1980).
- (2) Sancheti & Kapoor : "Business Statistics" Sultan Chand & Sons, New Delhi.
- (3) Sancheti & Kapoor : "Business Mathematics" Sultan Chand & Sons, New Delhi.
- (4) D. N. Elhance : "Fundamentals of Statistics"
- (5) Kapoor V. K. : "Business Mathematics" Sultan Chand & Sons, New Delhi.
- (6) Levin and Rubin : "Statistics for Management", Prentice Hall of India Pvt. Ltd. New Delhi, (7th edition)
- (7) Parimal Mukhopadhyay : "Mathematical Statistics" Books & Allied (P) Ltd. (2nd edition) 2000.

**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  
 Definitions of determinant. Expansion of determinant of 2nd order and 3rd order. Rules of determinant (Without Proof) (Cramer's rule for solving linear equations upto three variables with suitable) Examples.
- 2.2 Matrices.  
 Concept of Matrix, Definition of different types of matrices. Addition, subtraction and multiplication of two matrices upto order  $3 \times 3$ . 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.  
 Definition. Limitations and Uses of Index numbers. Construction of wholesale price index no. and cost of living Index numbers. Construction of Index no. by aggregate expenditure method and family budget method using Laspeyre's Paasche's. Marshall Edgeworth's and Fisher's formula, Weighted mean formula. Time Reversal Test (T.R.T.) and Factor Reversal Test (F.R.T.) to test various formulae for TRT and FRT. Characteristics of an Ideal index numbers.
- 4\* 4.1 Linear Programming (20%)  
 Meaning of linear programming. Assumptions and Limitations of linear programming. Use of linear programming in applied field with illustrations. Mathematical form of a linear programming problem. Graphical method of solving linear programming problem. The meaning of various terms used in linear programming like Lattice points, Objective function, Constraints, Solution, Feasible solution, Optimal feasible solution. Examples.



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 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 :

- (1) Goon, Gupta, Dasgupta : "An outline of Statistical Theory" Vol-I and II, World Press, Calcutta
- (2) Sancheti & Kapoor ; "Business Statistics" Sultan Chand & Sons, New Delhi.
- (3) Sancheti & Kapoor ; "Business Mathematics" Sultan Chand & Sons, New Delhi.
- (4) J. K. Sharma : "O. R. Theory and Applications" Macmillan India Ltd.
- (5) D. N. Elhance : "Fundamentals of Statistics".
- (6) Kapoor V. K. : "Business Mathematics" Sultan Chand & Sons, New Delhi.
- (7) Levin and Rubin : "Statistics for Management". Prentice Hall of India Pvt. Ltd. New Delhi.
- (8) Parimal Mukhopadhyay : "Mathematical Statistics" Books & Allied (P) Ltd.

**SECOND SUBSIDIARY 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 (20%)

Meaning of Central Tendency Various Measures of Central Tendency : Arithmetic Mean, Median, Mode, Their Merits and Demerits. 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, simple 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 skewness. Karl Pearson's and Bowley's method to measure the skewness.

3\* 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 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%)

Definition, Limitations and Uses of index numbers. Construction of wholesale price index numbers and cost of living Index numbers. Construction of Index numbers by aggregate expenditure method and family budget method using Laspeyres', Paasche's, Marshall-Edgeworth's and Fisher's formula, Weighted mean formula. Time Reversal Test (T.R.T.) and Factor Reversal Test (F.R.T.) To test various formulae for TRT and FRT. Characteristics of an Ideal Index numbers.

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 strata and to find mean, and variance of a stratified random sample.

References Books :

- (1) Goon, Gupta, Dasgupta : "An outline of Statistical Theory" Vol-I and II, World Press, Calcutta (1980).
- (2) Sancheti & Kapoor : "Business Statistics" Sultan Chand & Sons, New Delhi.
- (3) Sancheti & Kapoor : "Business Mathematics" Sultan Chand & Sons, New Delhi.
- (4) J. K. Sharma : "O. R. Theory and Applications" Macmillan India Ltd. 2nd edition (2003)
- (5) D. N. Elhance : "Fundamentals of Statistics"
- (6) Kapoor V. K. : "Business Mathematics" Sultan Chand & Sons, New Delhi.
- (7) Levin and Rubin : "Statistics for Management", Prentice Hall of India Pvt. Ltd. New Delhi, (7th edition)
- (8) Parimal Mukhopadhyay : "Mathematical Statistics" Books & Allied (P) Ltd. (2nd edition) 2000.

## (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

1. "Spirit of Islam" by Amir Ali.
2. "History of Saracens" by Amir Ali.
3. History of Arabs-Philip Milti.
4. Sitat-Nabi-Shibli.
૫. 'મધ્યયુગીન ભારત', ખંડ ૨ : ડૉ. છોટુભાઈ નાયક
૬. 'તારીખુલ ઉમ્મત', ભાગ ૧ અને ૨ : અસમલ જયરાજપુરી.

### 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. Extension of Islamic rule beyond the limits of Arabia.

**FY BA (Ext) 55**  
**STANDARD OF PASSING THE EXAMINATION AT FIRST B.A.**

**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.

**FY BA (Ext) 56**

**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.