UNIVERSITY OF RAJASTHAN
JAIPUR
SYLLABUS
B.A. Part-II
EXAMINATIONS - 2017

Dy. Registrar (Acad.)
University of Rajasthan

SCHEME OF EXAMINATION

B.A. Part II Examination
(Under 10+2+3 Pattern)

R.11 (2)

The number of papers and the maximum marks for each paper together with the minimum marks required for a pass are shown in the Scheme of examination on against each subject separately. It will be necessary for a candidate to pass in the theory part as well as the practical part of a subject/paper, wherever prescribed, separately. Classification of successful candidates shall be as follows:

First Division 60% of the aggregate marks obtained at the Part I, Part II & Part III Examinations, taken together.

Second Division 48%

All the rest will be declared to have passed the Examination if they obtain the minimum pass marks in each subject, viz. 36%. No division shall be awarded at the Part-I and Part-II examination.

Dy. Registrar (Acad.)
## DISTRIBUTION OF MARKS

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of the Subject</th>
<th>No. of Papers</th>
<th>Duration</th>
<th>Max. Marks</th>
<th>Min. Pass Marks</th>
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Optional Subjects (Any three of the following subjects to the restriction as mentioned in O. 203-1)

1. English Literature
2. Hindi Sahitya
3. Urdu
4. Persian
5. Arabic
6. Sanskrit
7. Philosophy

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University of Rajasthan
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University of R...
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2. Common papers in the subjects of Statistics and Mathematics, Economics, Geography, and Psychology will be set both in the Faculties of Social Sciences and Science. The allocation of marks will however, be different.
English Literature

The Syllabus aims at achieving the following objectives:

1. Interpretation and appreciation of selected texts from the genres of poetry, drama, prose and fiction.
2. Strengthening skills of note making, summarizing and dialogue writing.
3. Understanding texts with specific reference to genres, forms and literary terms.

Paper I: Poetry and Drama

Maximum Marks: 100

Duration: 3 hrs

Min. Pass Marks: 36

Question No. 1: References to Context from unit A, B & C.
Candidate will be required to explain four (4) passages of Reference to Context out of Eight (8) of five marks each, with a total of 20 Marks.

Question No. 2: Will also be compulsory. The student will be required to attempt 5 questions out of 10, to be answered in about 5 lines each. Each question will carry 4 marks to a total of 20 marks.

The other 3 questions will be Essay – type questions of 20 marks each, one from each section with internal choice.

Dy. Registrar (Acad.)
SECTION A

The following poems form Strings of Gold Part II ed. Jasbir Jain (Macmillan)

William Blake: London

William Wordsworth: The World is Too Much with Us
The Solitary Reaper

S.T. Coleridge: Christabel Part I
George Gordon Byron: There is a Pleasure in the Pathless Woods.
P.B. Shelley: Ode the West Wind
John Keats: To Autumn

SECTION B

The following poems from Ten Twentieth Century Poets ed. R. Parthasarathy (O.U.P.):

Nissim Ezekiel:
   a. Enterprise
   b. Night of The Scorpion

Kamala Das:
   a. My Grandmother’s House
   b. A Hot Noon in Malabar

Arun Kolatkar:
   a. An Old Woman
   b. The Bus

Dy. Registrar (Acad.)
c. Chaitanya

A.K. Ramanujan:

a. Of Mothers, Among Other Things
b. Obituary
c. A River

SECTION C

Ibsen: A Doll’s House
Tagore: Chandalika

Paper II: Prose and Fiction

Maximum Marks: 100

Duration: 3 hrs Min. Pass Marks: 36

Question No. 1: References to Context from unit A only.
Candidate will be required to explain four (4) passages of Reference to Context out of Eight (8) of five marks each, with a total of 20 Marks.

Question No. 2: Will also be compulsory. The student will be required to attempt 5 questions out of 10, to be answered in about 5 lines each. Each question will carry 4 marks to a total of 20 marks.

The other 3 questions will be Essay – type questions of 20 marks each, one from each section with internal choice.

SECTION A

The following Essays from An Anthology of English Essays Edited by R.P. Singh (O.U.P.)
S. Radhakrishnan: The Gandhian Outlook
R.K. Narayan: A Bookish Topic
J.B. Priestley: Making Writing Simple
Virginia Woolf: How Should One Read a Book?

The following short stories from *The Pointed Vision* Edited by Usha Bande and Krishnan Gopal, (O.U.P.)

Leo Tolstoy: Three Questions
Pearl S Buck: The Refugees
R.K. Narayan: Under the Banyan Tree
D.R. Sharma: That Pagli
Alice Walker: Am I Blue?

SECTION B

Rama Mehta: *Inside the Haveli*
Ernest Hemingway: *Old Man and The Sea*

SECTION C

Note Making, Summarizing, Writing a Dialogue

Recommended Reading:

Vandana R. Singh: *The Written Word* (O.U.P.)
पूर्णक : 100
अवधि : 3 घण्टे

1. केशव : रामचंद्रका - सोलहवी प्रकाश - अंगद साकुण संवाद

2. विहारी : (विहारी रत्नाकर) दोहा संख्या - 1, 11, 13, 16, 25, 31, 34, 37, 60, 62, 63, 67, 68, 69, 73, 94, 104, 121, 171, 201, 207, 217, 302, 306, 309,

संदर्भ : (कम से 3 से 7 तक के लिए सीति काव्यवाच - डॉ.रामचंद्र तिवारी, विश्वविद्यालय विभाग, वाराणसी)

3. देव : पद संख्या-1, 3, 5, 8, 11, 16, 19, 20, 21, 29, 33, 36, 41, 42, 50 (कुल 15 पद)

4. सूर्यर : पद संख्या-1, 3, 4, 5, 9, 10, 11, 18, 20, 22, 23, 24, 29, 30, 34 (कुल 15 पद)

5. घनानंद : पद संख्या-3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 19, 23 (कुल 15 पद)

6. आलम : पद संख्या-1, 2, 3, 4, 5, 7, 8, 9, 10, 12, 14, 15, 18, 19, 22 (कुल 15 पद)

7. पदमाकर : पद संख्या-1, 4, 7, 10, 11, 13, 14, 15, 16, 18, 20, 21, 22, 23, 25 (कुल 15 पद)

अंक विभाजन : व्याख्या - कुल चार (सभी कवियों से व्याख्या पूरी जाएगी)
अन्तरर विकल्प देय (4 x 10 = 40) अंक
आलोचनात्मक प्रश्न - कुल चार (4 x 15 = 60) अंक
अंतिम प्रश्न टिप्पणी पर्याय होगा। कुल दो टिप्पणियाँ ७½ - ७½ अंकों की पूरी जाएगी।
अन्तरर विकल्प देय होगा।

Dy. Registrar (Acad.)
University of Rajasthan
पूर्वांक: 100
अवधि: 3 घण्टे

उपन्यास:
अमृतलाल नागर - मानस का हंस

एकांकी:
राम कुमार वर्मा - औरंगजेब की आखिरी रात
भुवनेश्वर - युग
उदयशंकर भट्ट - परदे के पीछे
गोविंदप्रलम पंत - विष कन्या
जगदीश चंद्र माधुर - मोर का तारा
विष्णु प्रभाकर - और वह जा न सकी
उपेंद्र नाथ असं - लक्ष्मी का स्वागत

अंक विभाजन:
व्याख्या - कुल चार (सभी पाठों से व्याख्या पूरी जाएगी)
आंतरिक विकल्प देय (4 x 10 = 40) अंक
आलोचनात्मक प्रश्न - कुल चार (4 x 15 = 60) अंक
अंतिम प्रश्न टिपणियों पर प्रश्न होगा। कुल दो टिपणियों 7½ - 7½ अंकों की पूरी जाएगी।
आंतरिक विकल्प देय होगा।

Dy. Registrar (Acad.)
Max. Marks 100

Books Prescribed:
   The following are prescribed from the text Book:-
   A) Ghazalyat: Dard, Momin, Nasikh
   B) Qasida: Wah Wah Kya Motadil Hai Baghe Alam Ki Hava of Zauq
   C) Marsiya: Namake Khawane Takallum Hai Fasahat Meri of Meer Anis

Division of Marks:
Unit I Ten short answer type questions. 20
Unit II Explanation of Two Out of Three Ghazal/Qasida/Marsiya Passages. 20
Unit III Critical Appreciation of Poet: Dard, Momin and Nasikh with Internal Choice 20
Unit IV General Questions on Zauq & Anis.. 20
Unit V General question on Ghazal, Qasida and Marsiya. 20
Total 100

Note: Attempt at least one question from each unit. All the short answer type question of unit I are compulsory.

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Paper II (Prose)

Max. Marks 100

Books Prescribed:
1. Intikhabe Nasr-Part-II Edited By Dr. Shabihul Hasan & Others (1990 Edition)
   The following Lessons are Omitted From the Text Book:-
   A) Adab Ki Gharaz-o-Ghayat
   B) Natak

Division of Marks:
Unit I Ten short answer type questions. 20
Unit II Explanation of Two Out of Three Prose Passages. 20
Unit III Critical Appreciation of A Prose Writer with Internal Choice 20
Unit IV Summary of A Prose Lesson with Internal Choice 20
Unit V General Questions on Novel & Afsana. 20
Total 100

Note: Attempt at least one question from each unit. All the short answer type questions of unit I are compulsory.
Persian -
Prose & Poetry
Paper-I

M.M: 100

3 Hrs.

Min. Pass Marks 36

Book Prescribed

1. Nisab-e-Jadeed Farsi (Hissa Nasar Wa Nazam)
   Published by Jayyed Press Delhi.

   Prose Section
   The following prose section is prescribed
   1. Intekhabi-e-Zindagi-e- Man: Kudki
   2. Dastan Hai Kotah
      (A) Mohd. Hijazi: Idee Khudkushi
      (B) Saeed Nafisi: Khana-e-Pidri

   Poetry Section
   1. Qasaid Urfi: Dar Wasaf Kashmir
   2. Intekhabi Masnavi (Page No. 118 to 119)
   3. Rubaiyate Umar Khayyam (1 to 20 Rubaiyat)

Division of Marks:

Unit-1(A) Short Answer type Question 10 out of 15 all the full syllabus based. 10
(B) Translation of two prose passages out of three into Urdu/Hindi/English 20

Unit-2 Translation of two Poetry passages out of three into Urdu/Hindi/English 20

Unit-3 General Question on Prose Writer with internal Choice 15

Unit-4 General Question on Poetry Writer internal Choice 15

Unit-5 Summary of Prescribed lessons. 20

Total 100

Note: Unit-1 Both A and B Questions are compulsory

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History of Persian Literature and Translation  
Paper-II

M.M: 100  
3 Hrs.  
Min. Pass Marks 36

Book Prescribed

1. **Nisab-e-Jadeed Farsi** (Hissa Nasar Wa Nazam)  
   Published by Jayyed Press Delhi.  
   Only Intekhab-e-Haji Baba (Page no 61 to 76)

2. **Chakidah** (Tareekh Adibiyat-e-Iran (Hissa Nasar Wa Nazam))  
   By Dr. Manzar Imam  
   Farsi Adab ki Tareekh (Tahiri Period to Saljuqui Period)

**Division of Marks:**

Unit-1(A) Short Answer type Question 10 out of 15 all the full syllabus based.  
(B) Translation of One prose passages out of two into Urdu/Hindi/English  

Unit-2  
Tahiri to Saljuqi Period:  
Critical Study of Rodki/Firdausi/Khaqani/Umar Khayyam

Unit-3  
Short Notes of the following books of Saljuqi Period  
i. Siyasat Namah  
ii. Chahar Maqalah  
iii. Kalila-o-Damna  
iv. Kimyaa-e-Saadat

Unit-4  
General Question on Prescribed lessons

Unit-5  
Translation of five Urdu Sentences into Persian out of ten

**Total 100**

**Book Recommended**

1. Sherul Ajam By Shibli Noman Vol. 1 to 3)  
2. Tareekh-e-Adabiyate Iran By Raza Zada Shafaq (Urdu Translation)  
3. Sanadeed-e-Ajam By Mehdi Hasan Nasri  
4. Tareekh-e-Adab-e-Farsi By Sharief Husain Qasami  
5. Amuzish Zaban-e-Farsi  Daur-e-Muqaddemati by Yadollah Samrah (Vol. 1 to 4)

Note: Unit-1 Both A and B Questions are compulsory.

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5. ARABIC

Scheme: Min. Pass Marks: 72 Max. Marks: 200
Paper - I 3 hrs. duration 100 Marks
Paper - II 3 hrs. duration 100 Marks

Paper - I: Prose, Translation and History of Arabic

Division of Marks:
1. Translation of passages of prose (Text) into Urdu/English. 40 Marks
2. Translation of Urdu/English passage into Arabic 20 Marks
3. Life Sketch of an author 10 Marks
4. Summary of a lesson 15 Marks
5. History of Arabic Literature 15 Marks
Total 100 Marks

Books Prescribed:
Alquirature Rshida-al-juz-wus-sali

Books Recommended:
3. Aladab-Ul-Jahiliya: by Dr. Taha Hussain.
4. History of Arabic Literature by Clement Hurt.

Paper-II: Poetry, Translation, Grammar and Essay or Letter

Division of Marks:
1. Explanation of extracts from poems into Urdu/English 40 Marks
2. Translation of passage of Urdu/English into Arabic 20 Marks
3. Life Sketch of a poet 10 Marks
4. Grammar 10 Marks
5. Essay or letter 20 Marks
Total 100 Marks

Books Prescribed:
1. Nakhabatul Adab, Muratti-ba-Shoba-e-Arabi, Muslim University Alligarh. Ishatt Som.

The following poems only:
(ii) Aghazal-wa-alakalb-alshouqiyat al ahmed shouqi.
(iii) Alughatul-Araba-Divan Modh. Hafiz Ibrahim
(iv) Al Shair Diwan Mohd. Hafiz Ibrahim.

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(vi) Menajat-Miratual Nafsial Abdul Rehman Albadvi.
(vii) Al-haryate-fis-sigasata-almusta qmareen Diwanur Rasani Albaghdadi.
(ix) Fi-rasa-un-nafsi (Abdul Qadir Almazani) Alashshair wannaj-did.
(x) Asha-shuhada (Khairuddin-Zarkale) Diwan Khair uddin.
(xi) Ya-rafiqi (Aliya Abu Mazi)- Azharul Ashaar.
(xii) Raqadul Qalam (Ilyas Zbu shabkat)-Azharul-Ashhaar.
(xiv) Akhakaz-Tehzi (Nadvi Tauqan) - Azharul Ashaar.

Grammar:

Almarfooaat, almansoobat-wal-mujaddebat-ma-a aqsam Allwabaar.
सामान्य निर्देश –
1. प्रत्येक परीक्षा में दो-दो प्रश्नपत्र होंगे।
2. प्रत्येक प्रश्नपत्र में न्यूनतम उत्तरांक 36 तथा पूर्णांक 100 होंगे और समय 3 घण्टे का होगा।
3. परीक्षा का माध्यम हिंदी/अंग्रेजी, होगा परंतु प्रश्नपत्र केवल हिंदी में बनाया जायेगा।
परीक्षार्थी को छूट होगी कि वह हिंदी, संस्कृत अथवा अंग्रेजी में किसी एक भाषा में उत्तर दे सके। यदि परीक्षा ने किसी प्रश्न विषय के लिए भाषा का निर्देश न कर दिया है तो उस प्रश्न का उत्तर उसी भाषा में देना अनिवार्य होगा।
4. संस्कृत केवल देवनागरी लिपि में ही लिखा जाना अपेक्षित है।
5. निर्धारित यद्यपि से अनुवाद, व्याख्या, सरलार्थ एवं समालोचनात्मक प्रश्न पूछे जायेंगे।
6. प्रत्येक प्रश्नपत्र में 10 प्रश्नों का तथा संस्कृत भाषा में उत्तर के लिए निर्धारित है। प्रत्येक प्रश्नपत्र में 15 प्रश्न लघुत्तरात्मक होंगे जिनमें से प्रथम 5 प्रश्नों का उत्तर संस्कृत भाषा के माध्यम से देना होगा, प्रत्येक प्रश्न के लिए 2 अंक निर्धारित हैं। जिस प्रश्नपत्र में संस्कृत अनुवाद/निबन्ध पूछे गए हैं वहाँ संस्कृत में उत्तर अपेक्षित नहीं हैं।

परीक्षा योजना— न्यूनतम उत्तरांक—72
प्रथम प्रश्न—पत्र
द्वितीय प्रश्न—पत्र
पूर्णांक—200
अंक—100
अंक—100

प्रथम प्रश्नपत्र
वैदिक साहित्य, गाथा साहित्य एवं व्याकरण

समय : 3 घण्टे
प्रथम प्रश्न में निर्धारित यद्यपि से लघुत्तरात्मक निबन्धात्मक, अनुवाद, व्याख्या व समालोचनात्मक प्रश्न पूछे जायेंगे। 15 प्रश्न लघुत्तरात्मक होंगे जिनमें से प्रथम 5 प्रश्नों का उत्तर संस्कृत भाषा के माध्यम से देना होगा, प्रत्येक प्रश्न के लिए 2 अंक निर्धारित हैं। जिस प्रश्नपत्र में संस्कृत अनुवाद/निबन्ध पूछे गए हैं वहाँ संस्कृत में उत्तर अपेक्षित नहीं हैं।

पाठ्यक्रम
1. वैदिक साहित्य
   (क) ऋग्वेद के निम्नलिखित सूक्तों का अध्ययन—
      अभिसूक्त (1/1) बरहसूक्त (1/25) इन्द्रसूक्त (2/12) कृष्णपतिसूक्त (4/57)
      विश्वदेवासूक्त (8/58) प्रजापतिसूक्त (10/121) संज्ञासूक्त (10/191)
   इन सूक्तों के मंत्रों का अनुवाद, व्याख्यात्मक टिप्पणी एवं उक्त देवताओं का चरित्र, 
   स्वरूप से समाकलन प्रश्न निर्धारित हैं।
   (ख) कठोपनिषद्— प्रथम अध्याय—प्रथम वल्ली
   10 अंक
2. गाथा साहित्य— शुकनासोपदेश (कादंबरी—वाणंग रो)
   25 अंक
3. वैदिक साहित्य का इतिहास
   15 अंक

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(क) वेद तथा प्रमुख ब्राह्मण ग्रन्थों का सामान्य परिचय

4. व्यक्तन— लघुसिद्धान्तकोमुदी—नामिक (अजन्त एवं हल्ल्ट)  30 अंक
(क) अजन्त प्रकरण (समूहन)—
(ख) हल्ल्ट प्रकरण—

निम्नलिखित शब्दों की रूपसिद्धि एवं इनमें प्रयुक्त होने वाले सूत्रों का अर्थज्ञान— विश्ववाह, राजन, भगवत, विद्वान, उपवद, अस्मद और चतुर, इदम्।

अंक—विभाजन

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<th>लघुसिद्धान्तकोमुदी</th>
<th>अंक</th>
<th>निवन्धनालमक प्रश्न संख्या</th>
<th>अंक</th>
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<td>6+9=15</td>
<td></td>
</tr>
</tbody>
</table>

कुल योग 15 30 10 70 100

प्रश्न—पत्र का निर्माण निम्नांशुसार होगा—
1. सभी प्रश्न अनिवार्य हैं।
2. प्रत्येक पुस्तक से लघुसिद्धान्तकोमुदी प्रश्न पूछे जाएँगे।
लघुसिद्धान्तकोमुदी प्रश्न के 2 अंक निर्धारित हैं।

निवन्धनालमक/ व्याख्यालमक प्रश्न

1. वैदिक साहित्य

(क) ऊग्रेश — 4 मन्त्र पूछकर उनमें से किसी 2 की सबसे संग्रह व्याख्या पूछी जाएँगी। 10 अंक
(ख) कठोपनिषद् — 2 मन्त्र पूछकर किसी एक की व्याख्या अपेक्षित है।
06 अंक

2. शुकनासोपदेश
4 गद्यांश पूछकर उनमें से किसी 2 की सबसे संग्रह व्याख्या पूछी जाएँगी।
6+6=12 अंक

दो विवेचनालमक प्रश्न पूछकर किसी एक प्रश्न का उत्तर देय होगा।
07 अंक

3. वैदिक साहित्य का इतिहास
2 विवेचनालमक मन्त्र पूछकर 1 प्रश्न का उत्तर देय होगा।
11 अंक

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(क) अजन्ता- 4 सूत्र पूपकर 2 की व्याख्या अपेक्षित है।
4 शब्दों की सिद्धि पूपकर 2 की सिद्धि अपेक्षित है।
05 अंक

(ख) हलन्त- 4 सूत्र पूपकर 2 सूत्रों की व्याख्या अपेक्षित है।
प्रति व्याख्या 2.5 अंक की होगी।
4 शब्दों की सिद्धि पूपकर 2 राज्यों की सिद्धि अपेक्षित है। प्रति सिद्धि 2 अंक की होगी।
04 अंक

सहायक पुस्तकें
1. वैदिक सूत्र सूत्रकाली- डॉ. सुभीत कुमार गुप्ता, हंसा प्रकाशन, जयपुर।
2. अनुक्रमित गंजी- डॉ. सुभाष बेदालंकार, -अलंकार प्रकाशन, जयपुर।
3. अनुबंधसहिता-एका, वैज्ञानिक-वैज्ञानिक प्रतिष्ठान दिल्ली।
4. अनुबंधसहिता-डॉ. शारदा चलचित्री-वैज्ञानिक प्रतिष्ठान दिल्ली।
5. अनुबंधसहिता-योग, सर्वसाधारण-वैज्ञानिक प्रतिष्ठान दिल्ली।
6. कठोपनिषद्-वैज्ञानिक प्रकाश-मोतिलाल नारसीदास, दिल्ली।
7. कठोपनिषद्-डॉ. राजेन्द्रप्रसाद शर्मा-जगदीश संस्कृत पुस्तकालय, जयपुर।
8. कठोपनिषद्-रचना प्रकाशन, जयपुर।
9. कठोपनिषद्(प्रथम वर्ष)- डॉ. सुभाष बेदालंकार, -अलंकार प्रकाशन, जयपुर।

गद्दी-साहित्य:
1. युक्तरासोपदेश- डॉ. सुभाष बेदालंकार, अजमेर बुक कम्पनी, जयपुर।
2. युक्तरासोपदेश- महालक्ष्मी प्रकाशन, आगरा।
3. युक्तरासोपदेश-डॉ. श्रीकृष्ण ओझा, आदर्श प्रकाशन, जयपुर।
4. कादमबरी- वैज्ञानिक संस्कृत प्रतिष्ठान, दिल्ली।

संस्कृत साहित्य का इतिहास:
1. संस्कृत वाक्य की रूपरेखा-ंद्रशेखर पाण्डेय, वैज्ञानिक प्रकाशन, वाराणसी।
2. संस्कृत साहित्य का नवीन इतिहास-डॉ. पुकंदर शर्मा।
3. संस्कृत साहित्य का समालोचनात्मक इतिहास-डॉ. रामजी उपाध्याय, रामनारायण बेनीमाथा, इलाहाबाद।
4. संस्कृत साहित्य का इतिहास- श्री सत्यनारायण शास्त्री, आर्थ बुक डिपो, दिल्ली।
5. संस्कृत साहित्य का इतिहास- डॉ. बलदेव उपाध्याय, वैज्ञानिक प्रकाशन, वाराणसी।
6. संस्कृत साहित्य का इतिहास- मंगलदेव शास्त्री, मोतिलाल नारसीदास, दिल्ली।
7. संस्कृत साहित्य का इतिहास- प्रो. उमाकार शर्मा अथि, वैज्ञानिक प्रतिष्ठान दिल्ली।
8. संस्कृत साहित्य का इतिहास- डॉ. समायकर लघुसिद्धान्त वैज्ञानिक प्रतिष्ठान दिल्ली।
9. संस्कृत साहित्य का इतिहास- आम प्रकाशन पाण्डेय, विश्व प्रकाशन।

लघुसिद्धान्त कौमुदी:
1. लघुसिद्धान्त कौमुदी-डॉ. अर्कनाथ चढ़ी, जगदीश संस्कृत पुस्तकालय, जयपुर।
2. लघुसिद्धान्त कौमुदी- महेशसिंह कुशायाह-प्रथम व द्वितीय भाग, वैज्ञानिक संस्कृत प्रतिष्ठान दिल्ली।
3. लघुसिद्धान्तकौमुदी, श्रीश्री धरानन्द शास्त्री, मोतिलाल नारसीदास,दिल्ली।
4. लघुसिद्धान्तकौमुदी, विश्वनाथ शास्त्री, मोतिलाल नारसीदास,दिल्ली।

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द्वितीय प्रश्नपत्र

नाटक, छन्द, अलंकार एवं संस्कृत साहित्य का इतिहास

समय: 3 घण्टे  
अंक—100

प्रथम प्रश्न में निर्धारित ग्रन्थ में से लघूतरात्मक निबन्धात्मक, अनुवाद, व्याख्या व समालोचनात्मक प्रश्न पूछे जायेंगे।

पाठ्यक्रम:

1. अभिज्ञानशाकुण्तलम्— कालिदास  
2. छन्द— अभिज्ञानशाकुण्तलम् के आधार पर निम्नलिखित छन्दों के लक्षण 
   एवं उदाहरण—अनुस्सरण, आर्य, उपजाति, भूण्डंग्रामयात, व्यतित्तिलका, शिखरिणि, 
   मालिनी, शारूर्वतिक्रीडित, इंद्रक्षा, उपेन्द्रक्षा, रूढ़द्वंता, हरिणि, सम्राका, 
   मन्दाक्रान्ता।
   10 अंक

3. संस्कृत साहित्य का इतिहास
   (क) वीरकाव्य: गामाग्यन तथा महाभारत
   (ख) महाकाव्य एवं काव्य—कालिदास, अरवंध तथा, भारवि, माघ।
   (ग) गीतिकाव्य— कालिदास, हाल, भूर्त्वर्चिस, पण्डितराज जगद्गुप्त।
   (घ) गद्य काव्य— दण्डी, सुब्रम्य, वाणिज्य, अभिकादन भास।
   (ड) नाट्य साहित्य— भास, कालिदास, शूद्रक, विशाखदत्त।
   (च) आयुर्विज्ञान संस्कृत साहित्य (राजस्थान प्रान्त के विशेष संदर्भ में)  
   पं.गणेशदत्त शर्मा, पं. मदुसूदन ओझा, भाट मदुसूदन शास्त्री, पद्मशास्त्री  
   श्री सुरेंद्र नारायण शास्त्री।
   25 अंक

4. अनुवाद (हिंदी से संस्कृत)
   10 अंक

अंक—विभाजन

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<th>निबन्धात्मक प्रश्न संख्या</th>
<th>अंक</th>
<th>अनुकूलो का योग</th>
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प्रश्न-पत्र का निर्माण निम्नानुसार होगा—

भाग 'अ'

प्रश्न-पत्र का निर्माण निम्नानुसार होगा—

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<td>30</td>
<td>07</td>
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30 अंक

1. समी प्रश्न अनिवार्य हैं।
2. प्रत्येक पुस्तक से लघूतरात्मक व शिखरात्मक, व्याख्यात्मक प्रश्न पूछ जायेगी।
   लघूतरात्मक प्रश्न के 2 अंक निर्धारित हैं।
   निवन्धात्मक / व्याख्यात्मक प्रश्न

1. अभिज्ञानशाकुन्तलम्
   1 से 4 अंकों में से 4 श्लोक पूछकर उनमें से किन्हीं 2 की सम्पर्क व्याख्या पूछी जायेंगी। 14 अंक
   5 से 7 अंकों में से 4 श्लोक पूछकर उनमें से किन्हीं 2 की सम्पर्क व्याख्या पूछी जायेंगी। 14 अंक
   2 प्रश्नों में से 1 प्रश्न का उत्तर अपेक्षित है। 07 अंक

2. छन्द
   4 छन्द पूछकर 2 के लक्षण एवं उदाहरण अपेक्षित है। 08 अंक

3. अलंकार
   4 अलंकार पूछकर उनमें से 2 के लक्षण एवं उदाहरण अपेक्षित है। 08 अंक

4. संस्कृत साहित्य का इतिहास
   2 विन्यासात्मक प्रश्नों में से 1 प्रश्न का उत्तर अपेक्षित है। 09 अंक

5. अनुवाद (हिंदी से संस्कृत)
   10 वाक्यों में किसी 5 वाक्यों का संस्कृत अनुवाद प्रति अनुवाद दो अंक निर्धारित है। 10 अंक

सहायक पुस्तकें

अभिज्ञानशाकुन्तलम्
1. अभिज्ञानशाकुन्तलम् डॉ. गंगासागर राय, चौखम्बा संस्कृत प्रतिष्ठान, दिल्ली
2. अभिज्ञानशाकुन्तलम् जगदीशप्रसाद शर्मा— रचना प्रकाशन, जयपुर
3. अभिज्ञानशाकुन्तलम् सुमोदनचंद्र पंत— मोतिलाल बनारसी, दिल्ली
4. अभिज्ञानशाकुन्तलम् जगदीशप्रसाद शर्मा— मोतिलाल बनारसी दिल्ली
5. काव्यदीर्घिका— परमेश्वरनाथ शर्मा, मोतिलाल बनारसी दिल्ली

संस्कृत साहित्य का इतिहास—

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1. संस्कृत साहित्य की रूपरेखा— चंद्रशेखर पाण्डेय एवं नानूराम व्यास, चौखम्बा प्रकाशन, वाराणसी
2. संस्कृत साहित्य का नवीन इतिहास— डॉ. पुखरदत्त शर्मा, अजमेरा बुक कं. जयपुर
3. संस्कृत साहित्य का आलोचनात्मक इतिहास— डॉ. राजजी उपाध्याय, रामनारायणलाल बेलरमाणव, इलाहाबाद
4. संस्कृत साहित्य का इतिहास—श्री सत्यनारायण शास्त्री, आर्य बुक डिपो, दिल्ली
5. संस्कृत साहित्य की प्रवृत्तियाँ— डॉ. जयकिशनप्रसाद खण्डेलवाल, विनोद पुस्तक मंदिर, आगरा
6. संस्कृत साहित्य का इतिहास— ए.अ. कीथ, अनु. मंगलदेव शास्त्री प्रतिष्ठान, दिल्ली
7. संस्कृत साहित्य का इतिहास— प्रो. राजवंश सहाय ‘हीरा’ चौखम्बा संस्कृत प्रतिष्ठान दिल्ली

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Scheme:
- Two Papers Min. Pass Marks 72 Max. Marks 200
- Paper I 3 hrs. duration Max. Marks 100
- Paper II 3 hrs. duration Max. Marks 100

General Instructions:

(1) There shall be two question papers: Paper I and Paper II.

(2) Both the question papers will be in two parts: Part I & Part II

(3) Part I of the question paper will be of 40 marks in total. This part will consist of twenty compulsory short questions, with 2 marks each. The word limit for these questions shall be upto 50 words. These questions will cover the entire units and there will be no unit wise division of the questions asked in this part.

(4) Part II of the question paper will be of 60 marks and students will required to write detailed answer in the answer sheet only. If syllabus (course contents) of a paper is divided into two units i.e. Unit A and Unit B, then in this part of the question paper six questions will be asked in total: three questions from each unit. Student will be asked to attempt three questions in total and at least one question from each unit. Each question will be of 20 marks. If syllabus (course contents) of a paper is divided into three units i.e. Unit A, B & C then in the Part II of the question paper, which consist of Essay type questions, six questions will be asked in total: two questions from each Unit. Students will be required to attempt three questions in total and one question from each Unit. The ideal word limit for these questions is 500-600 words.

Paper I: Logic (Western)

Unit: A
1. Nature of Logic
2. Deduction and induction
3. Sentence and proposition
4. Truth and validity
5. Uses of language
6. Informal Fallacies
7. Laws of thought

Unit: B
1. Aristotelian classification of categorical propositions, square of opposition and the question of existential import, conversion, observation, contraposition.
2. Categorical syllogism: figures and moods, rules of validity, fallacies.
3. Boolean interpretation of propositions, Venn diagram technique of testing the validity of syllogisms.
Unit: C
1. Truth-functions: negation, conjunction, disjunction, implications and equivalence.
2. Arguments and argument-forms, truth-table technique for testing the validity of
   arguments form and classification of statements forms.
3. Mill’s methods of experimental enquiry
4. The method of deduction in propositional logic introduction of rules & simple
   derivation.

Suggested Readings:
I.M. Copi : Introduction to logic (Hindi Translation by Pandey and Mishra
   and another translation available from Pearson)
S.K. Seth and : Tarkshastra, Lokabharti, Allahabad
Nilima Mishra

Paper II: Ethics (Indian and Western)

Unit: A
1. Introduction: Concerns and presuppositions, theory of karma.
2. Dharma: its meaning, definition, classification; vidhi, nisedha & Arthavada: Purva
   Mimansa
3. Niskama Karma Yoga, Sthitprajna, Lokasamgraha
5. Buddhist ethics: the four noble truths and the eight-fold path. Brahmaviharas
6. Jaina ethics: anuvratas and mahavrata, Tri ratna

Unit: B
2. Introduction: concerns and presuppositions; free will.
3. Teleological ethics: egoism, hedonism, utilitarianism.
4. Deontological ethics: Kant.
5. Intuitionism: Butler
7. Theories of punishment.

Suggested Readings:
I.C. Sharma : Ethical Philosophies of India.
Surana Dasgupta : Development of Moral Philosophy in India.
M. Hiriyanna : The Indian Conception of Values.
P.V. Kane : The History of Dharmasastras Vol.I (Hindi translation
   available)
W. Lillie : An Introduction to Ethics. Philippa Foot (ed.) Theories
   of Ethics.
J.N. Sinha : A Manual of Ethics (Hindi translation available)
दिवाकर पांडेय : भारतीय नीतिशास्त्र
संगमलाल पांडेय : नीति दर्शन का समक्ष
वेद प्रकाश वर्मा : नीतिशास्त्र के मूल सिद्धान्त
The scheme of examination will be as follows:

Scheme:

Maximum Marks 200

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<tr>
<th>Paper I</th>
<th>3 hrs. Duration</th>
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<tbody>
<tr>
<td>Paper II</td>
<td>3 hrs. Duration</td>
<td>Marks 100</td>
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</table>

Note: There shall be two papers in all in the subject of History, and each paper shall be of three hours duration and of 100 marks.

Each paper shall consist of two parts. Part I shall carry 40 marks and shall consist of two compulsory questions. The first compulsory question will be of 20 marks, comprising of 10 very short answer type questions of two marks each. The answer to each question should not exceed 20 words.

The second compulsory question will be of 20 marks. It will comprise of 10 short answer type questions of 04 marks each, the candidate will be required to answer any 05 questions. The answer to each question should not exceed 50 words.

The second part of the question paper shall be divided into three sections comprising of 06 essay type questions, containing 02 questions from each section, of 20 marks each. Candidate will be required to answer 03 questions, selecting one question from each section. This part of the question paper shall be of 60 marks.

परीक्षा योजना:

अधिकारितम अंक 200

प्रथम प्रश्नपत्र समय 3 घंटे अंक 100

द्वितीय प्रश्नपत्र समय 3 घंटे अंक 100

नोट: इतिहास विषय के कुल दो प्रश्नपत्र होंगे, प्रत्येक प्रश्नपत्र तीन घंटे की अवधि का एवं 100 अंकों का होगा।

प्रत्येक प्रश्नपत्र के दो भाग होंगे। प्रथम भाग 40 अंकों का होगा एवं इस भाग में दो अनिवार्य प्रश्न होंगे।

20 अंकों के प्रथम अनिवार्य प्रश्न में, दो–दो अंक के 10 अनिवार्य अतिलघुसतरात्मक प्रश्न होंगे। प्रत्येक उत्तर की शाब्दिक रेखा 20 शब्द।

20 अंकों के द्वितीय अनिवार्य प्रश्न में, चार–चार अंकों के 10 लघुसतरात्मक प्रश्न होंगे जिनमें से 05 प्रश्न करने होंगे। प्रत्येक उत्तर की शाब्दिक रेखा 50 शब्द।

प्रश्नपत्र के द्वितीय भाग में, पाठ्यक्रम के तीन खण्डों में से, प्रत्येक खण्ड से दो–दो प्रश्नों का चयन करते हुए कुल 06 निवार्यसतरात्मक प्रश्न होंगे। प्रत्येक प्रश्न 20 अंकों का होगा। परीक्षार्थियों को प्रत्येक खण्ड में से कम से कम एक प्रश्न का चयन करते हुए कुल 03 प्रश्न हल करने होंगे। प्रश्नपत्र का यह भाग 60 अंकों का होगा।
PAPER I: HISTORY OF MEDIEVAL INDIA (c. 1200–1761 A.D.)

Section – A


Section – B


Section – C

क प्राचीन भारत का इतिहास (1200-1761 ईस्वी)

खण्ड - क

दिल्ली सल्तनत के काल के सोतों का सर्वक्षण। तुर्की आक्रमण एवं राजपूत प्रतिरोध। दिल्ली सल्तनत की स्थापना एवं सूफीकरण। खलिजी साम्राज्यवाद एवं तुगलकी नवधर्तन। प्रांतीय राज्यों का उदय। बहमनी एवं विजयनगर राज्यों का योद्धादंत।

खण्ड - ख

मुगल काल के सोतों का सर्वक्षण। मुगल साम्राज्य की स्थापना। शेरशाह सुरी का उत्कर्ष एवं उसका प्रशासन। अकबर के आधीन मुगल साम्राज्य का विस्तार एवं सूफीकरण। मुगल सरकार ने पूर्वजहाँ 'जुंता' की भूमिका। राजपूतों, सिंहों, दक्कनी राज्यों, ग्नावों, फांस एवं मग्न शक्तियों के प्रति मुगलों की नीति। मुगलों की धार्मिक नीति। शियाजी का उत्कर्ष तथा 1761 ईस्वी तक ग्नावों का विस्तार। मुगल साम्राज्य का पतन।

खण्ड - ग

नयकाल (1200 से 1761 ईस्वी) में राजस्थान, समाज, अर्थव्यवस्था एवं संस्कृति की मुख्य विषयों का आलोचनात्मक मूल्यांकन। राज्य की प्रकृति। प्रासादों एवं कुशीनिरोध क्वालिकाओं का विकास। अर्थव्यवस्था: कृषि, उद्योग, व्यापार, बैंकिंग, नगरीय केन्द्र। समाज: सामाजिक वर्ग - उल्लेख, कूलिन वर्ग, कुशी वर्ग, दासपत्र। सिद्धांतों के स्थिति। भारत एकदली, महाराष्ट्र धर्म, सूफीकरण, विश्व धर्म। कला, स्थापत्य एवं साहित्य की प्रगति। संस्कृतिक के समन्वय हेतु प्रयास एवं समीम राष्ट्रसंस्कृति का विकास।

Books Recommended (अनुशंसित पुस्तकें):

Hermann Kulke (ed.) : The State in India, 1000-1700 A.D., Delhi, 1997
A. Mahdi Husain : The Tughlaq Dynasty.
Satish Chandra : Medieval India – From Sultivan to the Mughals, Part I, Delhi Sultanate (1205-1526), Part II, Mughal Empire (1526-1748) Delhi, 1997 (also in Hindi).
K. M. Ashraf : Life and Conditions of the People of Hindustan (1200-1550 A.D.), Delhi, 1970.
R. P. Tripathi : Rise and Fall of the Mughal Empire (also in Hindi), Allahabad, 1963
Some Aspects of Muslim Administration, Allahabad, 1964

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Section A


Section B


Section C


हिन्दी प्रश्नपत्र : भारत के सांस्कृतिक इतिहास की मुख्य धाराएँ

खण्ड - क

संस्कृति का अर्थ। भारतीय संस्कृति का प्रधान तत्त्व एवं विशेषताएँ। धर्म एवं संस्कृति : वैदिक धर्म, बौद्ध धर्म एवं जैन धर्म, वैष्णव धर्म एवं शैव धर्म। मस्तिष्क आंदोलन। भारत में इस्लाम एवं सूफी गदा। दर्शन एवं संस्कृति : उपनिषदों का धिनान, भगवदगीता।

खण्ड - ख

साहित्य एवं संस्कृति : सामाजिक, नगरीय एवं बुद्धिवाद का महत्व। कालिदास, हुशीदास, एवं स्वर्णद्वार देसगर का योगदान। सामाजिक संस्थाएँ एवं संस्कृति : प्राचीन भारत के सामाजिक आदर्श - कर्ष, आश्रम, समाज, पुरुषार्थ। 19वीं एवं 20वीं शताब्दी के समाज-समुदाय आंदोलन।

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कला एवं संस्कृति : भारतीय कला की विशेषताएं। मंदिर स्थापत्य की शैलियाँ। आबू, खजुराहो, उड़ौली, पल्लव एवं चोल मंदिरों का साहित्यिक अध्ययन। कला के प्रवाह में चित्रकला – शैल चित्रकला, अजंता चित्रकला, मुगल चित्रकला। विज्ञान एवं संस्कृति – आयनमेट्रिक, वराहमिहिर, चर्क एवं सुभूत का योगदान।

Books Recommended (अनुसरित पुस्तकें):

Meaning and Process of Culture


Rajbali Pandey : Hindu Samskara (The Social and Religious Study of the Hindu Sacraments), (also in Hindi), Varanasi

A. L. Srivastava : Medieval Indian Culture (also in Hindi).

V. S. Agrawala : Indian Art, Varanasi.

Krishna Dev : Temples of North India (also in Hindi), NBT, New Delhi

K. R. Srinivasan : Temples of South India (also in Hindi), NBT, New Delhi

A. L. Basham : The Wonder that was India (also in Hindi)

The Cultural History of India (ed.)

भारतीय परम्परा के मूल स्रोत, नई दिल्ली, 1993
भारतीय समाज – तात्त्विक और ऐतिहासिक विषयों, नई दिल्ली, 1994

एन.के. देवराज : भारतीय दर्शन, लखनऊ, 1963

राजबली पांडे : हिंदू संस्कार, वाराणसी

जयशंकर गिर्म : भारतीय भ्रष्टाचार का सामाजिक इतिहास, पटना, 1999

ए.एल. श्रीवास्तव : मध्यकालीन भारतीय संस्कृति (अनुवाद), भारतीय कला

पृथ्वीकुमार अग्रवाल : प्राचीन भारतीय कला एवम् कला, विश्वविद्यालय प्रकाशन, वाराणसी, 2002

कृष्णदेव : उत्तर भारत के मंदिर, नेशनल बुक ट्रस्ट, नई दिल्ली

केंद्रीय भ्रष्टाचार निलंबन : उत्तर भारत के मंदिर, नेशनल बुक ट्रस्ट, नई दिल्ली

भारतीय भ्रष्टाचार की परम्परा : प्राचीन भारत (अनुवाद)
नोट: राजनीति विज्ञान के दो प्रश्न-पत्र होगें। प्रत्येक प्रश्न-पत्र 3 घण्टों में विस्मरित होगा।

प्रश्न-पत्र के दो भाग होगें। प्रथम भाग में 20 अनिवार्य प्रश्न होगें। प्रत्येक प्रश्न का अंक 3 होगा। प्रश्न-पत्र के लिए निर्धारित 6 घण्टे की अवधि में तथा प्रत्येक घण्टे की अवधि में प्रश्न-पत्र के इस भाग के लिए निर्धारित होगी। प्रश्न-पत्र के द्वितीय भाग में पाठ्यक्रम के तीनों खण्डों में से प्रत्येक में से दो-दो निर्बंधात्मक प्रश्न की प्रश्न होगें। परीक्षार्थियों को प्रत्येक खण्ड में से कम से कम एक प्रश्न का चयन करते हुए कुल 3 प्रश्न हल करने होंगे। प्रत्येक प्रश्न 20 अंकों का होगा। प्रश्न-पत्र का यह भाग 60 अंकों का होगा।

Note: The question Paper shall be of 3 hours duration. The question paper shall contain two parts:

Part A shall be of 40 marks and shall be compulsory containing 20 questions of limited words (maximum 20 words) answer and of two marks each. This Part of the Question Paper shall be of one hour duration. The question in this part can be asked from the entire course.

Part B of the Question paper shall have 2 question of descriptive type from each of the 3 section, and shall carry 60 marks. The Candidates shall be required to attempt one question of 20 marks from each section.

प्रथम प्रश्न- पत्र: प्रमुख राजनीतिक व्यवस्थाएँ

विद्यार्थियों से अभ्यासित देशों की राजनीतिक प्रणालियों के महत्वपूर्ण पक्षों-विधानिक, कार्यालयिक, न्यायपालिक, राजनीतिक दल एवं वर्तमान प्रश्नों का विशाल्यात्मक और तुलनात्मक उद्देश्य के से अभ्यास करने की अवसर की जाएगी।

खण्डः के

ब्रिटेन।

खण्डः ख

संयुक्त राज्य अमेरिका।

खण्डः गः

चीन, जापान, रिवाजरलैंड।

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B.A PART (II)

Paper-I: Selected Political System

Student will be expected to study the salient aspects-Legislature, Executive, Judiciary, Political Parties of the political systems of the following countries with an analytical and comparative perspective.

Section -A

Britain

Section -B

U.S.A.

Section -C

Peoples Republic of China, Japan and Switzerland.

Suggested readings:

- Ogg & Zink: Modern Foreign Governments.
- Babulal Fadia: Vishwa Ke Pramukha Samvidhan.
- Iqbal Narain: Vishwa ke Samvidhan
- R.C. Agarwal: World Constitutions.

[Signature]
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हिंदी प्रश्न-पत्र: भारतीय राजनीतिक व्यवस्था

खण्ड 'क'

भारत में राष्ट्रीय आंदोलन—भारत में राष्ट्रीय कार्यक्रम एवं मुस्लिम लीग की स्थापना, उदारवादी और उपरवादी, गांधी और राष्ट्रीय आंदोलन, भारत में संवैधानिक विकास—भारत में शासन अधिनियम, 1919 (दूसरे शासन के विशिष्ट संदर्भ में), भारत शासन अधिनियम, 1935 (अतीत व्याप्तिता के विशिष्ट संदर्भ में), संविधान निर्माण सम्बंधी।

खण्ड 'ख'

संविधान की प्रत्यावर्तन, संघीय व्यवस्था, मौलिक अधिकार, राज्य नीति के निर्देशक तत्त्व, संघीय कार्यान्वयन: राष्ट्रपति, प्रधानमंत्री व मंत्रिपरिषद्, संघीय संसद, उच्चतम न्यायालय व न्यायिक पुरस्कारलोक, न्यायिक संस्थान, जनरल याचिका, संविधान संसद की प्रक्रिया, संसद—राज्य सम्बन्ध, संवैधानिक एवं विधिक आयोग—निर्वाचन आयोग, संसद लोक सेवा आयोग, राष्ट्रीय मान्यताधिकार आयोग।

खण्ड 'ग'

राज्यों का शासन: राज्य व्यवस्थापिका, राज्य कार्यान्वयन: राज्यपाल, मुख्यमंत्री एवं मंत्री परिषद्, राजशाही राज्यों के विशेष दर्जा और उनके प्रभाव, दलीय व्यवस्था, भारत में पंथनिर्देशक की प्रकृति, भारतीय राजनीतिक व्यवस्था के समुच्च अनुसार, चुनावी विधि—क्षेत्रवाद, जातिवाद, सम्प्रदायिकता, नक्सलवाद, आतंकवाद, पंचायती राज एवं नगर निकाय, 73 वें और 74 वें संविधान संशोधन की महत्ता।

अनुसंज्ञित पुस्तकों—

N.D Palmer : The Indian Political System, Houghton Miffling, Boston, 1971
Rajni Kothari : Bharat Mein Rajniti (orient Longmans, New Delhi, 1972)
Govind Ram : Bhartiya Rajya Vyavastha.
B.L. Fadia : Bhartiya Rajya Vyavastha.
Basu, D.D : Introduction to Constitution of India
Kashyap, Subhash : Our Parliament
Sharma B.K : Bhartiya Samvidhan
Paper (II) – Indian Political System

Section – A

National Movement in India, Rise of Nationalism in India, Foundation of the Indian National congress and Muslim League, Moderates and Extremists, Gandhi and National Movement.

Constitutional Development in India: Government of India Act 1919 (with special reference to Dyarchy) and Government of India Act 1935 (with special reference to Provincial Autonomy)/Constituent Assembly.

Section -B

Preamble of the Constitution, Federal system, Fundamental Rights, Directive Principles of State Policy, Union Executive: President, Prime Minister and the Council of Ministers, Union Parliament, Supreme Court and Judicial Review, Judicial Activism, PIL, Method of Amendment in the Constitution, Centre – State Relation, Constitutional/Statutory commission- ECI, UPSC, NHRC.

Section –C

Governance of States: State Legislature, State Executive: Governor, Chief Minister, Council of Minister, Special status to certain states and its implications, Party System, Nature of Secularism in India, Major challenges before the Indian Political System: Regionalism, Casteism, Communalism, Naxalism and Terrorism, Panchayati Raj and Municipalities, significance of 73rd and 74th constitutional amendment acts.

Suggested Reading :-

N.D Palmer : The Indian Political System, Houghton Mifiling, Boston, 1971
Rajni Kothari : Bharat Mein Rajniti (orient Longmans, New Delhi, 1972)
Govind Ram : Bhartiya Rajya Vyavastha.
B.L. Fadia : Bhartiya Rajya Vyavastha.
Chaddha, P.K : Bhartiya Rajnitik Pranali (Adarsh Prakashan, Chaura Rasta, Jaipur)
Basu, D.D : Introduction to Constitution of India
Kashyab, Subash : Our Parliament
INDIAN MUSIC

Paper - I Theory 3 hrs. duration Max. Marks 40  Min. Marks 15
Paper - II Theory 3 hrs. duration Max. Marks 40  Min. Marks 15
Practical 1 hour per candidate Max. Marks 120  Min. Marks 43

Teaching Hours

Practical
6 Hours Per Week

Theory
Paper -I 2 Hours Per Week
Paper -II 2 Hours Per Week

Total Teaching Hours for practical – 06, Theory 04 Hours Per Week

Note: (1) Each theory paper will contain nine questions having three question in each section. Candidates are required to attempt five questions in all selecting at least one question from each section.

(2) Candidate must pass separately in each of the theory and practical.

Candidates must pass separately in each of the paper Theory and Practical wherever prescribed.

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JAIPUR
Principles of Indian Music

Section – A

(a) Definitions and explanations of the following terms: Ragalap Roopakalaap, Alpatva Bahuta and Alapti Avirbhav and Tirobhav Swasthan Niyam & Aadhunik aalap gayan.
(b) Shruti and Swarsthanas according to Bharat and Pt. Bhatkhande.
(c) Placement of Sudha swaras on the wire of veena according to Pt. Ahobal, Pt. Bhatkhande.
(d) Comparative study of the swaras of North and South Indian Music.

Section – B

(a) To write the thekas of the following talas: Dhamar, Tilwada, Ektal, Chaotal, Rupak, Punjabi, Sooltal, Jhumra, Tivra.
(b) To write the following talas in Dugun, Tigun and Chaugun.
(c) Critical and comparative study of the ragas prescribed for practical course: Malkouns, Vrindavani-Sarang, Miya Malhar, Bahar, Bhairav, Ramkali, Shuddha-Kalyan, Jaijaivanti, Khamaj.

Section – C

(a) Definitions of Gat, Jhala, Ghasit Jod-alap, Zamzama, Krintan, Meend and Gamaka.
(b) Notation writing in prescribed ragas.
(c) Writing Alaps and Tanas / Todas in different Ragas.
(d) Recognition of Ragas from given notes and writing of Alaps showing: ‘Nyas’ on some given Swaras.

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Paper – II : Theory

History of Indian Music

Paper – II : Theory  3 hrs. duration Max. Marks 40  Min. Marks 15

Note: The paper will contain five questions, having three questions in each section. Candidates are required to attempt five questions in all selecting at least one question from each section.

N.B. Candidate must pass separately in each of the theory and practical syllabus

Section – A

(a) Study of Gran Moorchana.
(b) Modern Shudha Scales of Karnatak and Hindustani Music.
(c) Major and Minor Scales of Western Music.
(d) Staff Notation.

Section – B

(a) Frequencies of the Musical notes.
(b) Classification of Ragas according to Raga-Ragini Paddhati.
(c) Life sketches, contribution and style of the following musicians: Allauddin Khan, Amirkhan, Kesar Bai Kerkar, Pt. Omkar Nath Thakur, Heerabai Barodkar.

Section – C

(a) Theory of Mela and Janya ragas and 72 Melas of Pt. Vyankeatmakhi, 10 Thatas of Bhatkhande, 32 Thatas according to the Swaras of Hindustani Music.
(b) Use and description of the following instruments pakhawaj, Veena and flute.
(c) A short essay on any subject of general musical interest.

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Practical (Vocal and Instrumental)

There shall be one practical paper. (conducted by two different External Examiners)

Duration of Exam. : I hour per candidates.

Presentation of Ragas & Viva-voce  Max. Marks 120 Min. M. 43
(Critical and Comparative study of Ragas & Tala and to sing or play all the Ragas according to syllabus).

Detailed Course:

Vical Music

1. To sing given musical piece and to recognize the ragas & swaras when sing.
2. To show the difference of ragas through swarvistaras in all the ragas.
3. To know orally the “bol” with Dugun and mark time on hand and to recognize the following talas when played on table-Dhamar, Tilwara, Ektal, Chautal, Roopak, Dadra, Punjabi, Sooltal, Jhoomra, Tivra and Kaharwa.
4. To sing Arohi, Avrohi, Pakad and Swar Vistar of the following ragas- Malkouns, Vrindavani-Sarang, Miya Malhar, Bahar, Bhairav, Ramkali, Shuddha-Kalyan, Jaijaivanti, Khamaj, Tilak-Kamod.
5. With the accompaniment of table to sing slow khayal and fast khayal with sufficient alaps, tanas Bol-tanas and Sargam in following four ragas- (i) Malkouns (ii) Vrindavani Sarang (iii) Bhairav (iv) Miya Malhar.
6. With the accompaniment of table to sing a fast khayal or Tarana with sufficient Tanas in any four ragas of the following – (i) Khamaj (ii) Bahar (iii) Tilak-Kamod (iv) Ramkali (v) Shuddha Kalyan (vi) Jaijaivanti.
7. With the accompaniment of table or pakhawaj to sing one Durpad with Dugun, Chaugun and one Dhamar with Dugun, Chaugun in any two different ragas prescribed under clause-4 but not selected under clause 5 & 6.
**Instrumental Music**

Candidate can offer any one of the following instruments:

1. Sitar, Violin, Sarod, Flute, Israj or Dilruba Clause 1,2 and 4 same as Vocal Music, singing may be replaced by playing.

2. With the accompaniment of Tabla to play Vilambitgat (विलम्बितगत) and a Drutgat (दृष्टगत) with sufficient varieties of Todas and Jhalas, in the following four ragas: Malkouns, Vrindavani-Sarang, Bhairav, Miya-Malhar.

3. With the accompaniment of Tabla to play Drutgat with tans and Jhalas in any four ragas of the following.
   - (i) Khamaj
   - (ii) Bahar
   - (iii) Tilak-Kamod
   - (iv) Ramkali
   - (v) Shuddha Kalyan
   - (vi) Jaijaivanti.

4. With the accompaniment of Tabla to play a composition, composed in other than Trital with Todas, in any two ragas mentioned in clause 4, but not selected under clause 5 & 6.

5. To play a Dhun in any Raga.

**Books Recommended**:

1. Kramik Pustak Malika parts 2,3 and 4 Sangeet Karyalaya, Hathras.
2. Tan Malika parts 2 and 3 (Purvardh) by Raja Bhaiya Poonchowal, Sangeet Karyalaya, Hathras.
3. Tan Sangrah by S.N. Ratanjankar.
5. Sitar Siksha by B.N. Bhatt.
6. Sitar Parts 1 to 3 by B.N. Bhimpure.
7. Saral Violin Parichaya by G.N. Goswami, Goswami Printers, Narahi, Lucknow.
9. A Short survey of the Music of the Northern India by Pt. V.N. Bhatkhande.
10. संगीत के जीवन पृष्ठ by S. Rai.
13. Sangeet Visharat by Basant.
(18) Music of Hindustan Four Strang ways.
(19) Origin of Ragas – Bandopadhyaya.
(20) The Music of India by H.A. Popley.

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Jaipur
UNIVERSITY OF RAJASTHAN
B.A. Part-II Exam-2016
Subject - Public Administration

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<td>Paper - II</td>
<td>100</td>
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Note: Each Paper shall consist of two parts.

Part-I would contain 10 compulsory short answer questions of 4 marks each to be answered in 50 words. Total Marks: 40

Part-II divided into three sections – each section contains 2 descriptive type question of 20 marks each. The candidates are required to attempt three questions selecting one question from each section. Total Marks: 60

Syllabus

Paper-I : Administrative Institutions in India

Section - A


Organization of Government : Legislature -- its role and reasons of decline in modern times; Executive : Types and Relationship with Legislature.

Section - B

Democracy and Administration, Features of Democratic Administration. Role of Bureaucracy, Political Parties and Pressure Groups and their interaction with each other.


Section - C

Organization and working of following Administrative Institutions:


Books Recommended:

A. Core Books:

1. Waldo: Administrative State.
5. जियाउद्दीन ख़ाँ एवं अंतर सिंह: प्रशासनिक संस्थाएँ
6. Dr. H.C. Sharma: Prashasnik Sansthayen.

B. Books for Reference:


C. Journal:

1. Indian Journal of Public Administration, New Delhi.
प्रथम खण्ड

प्रजातात्त्विक तथा सामाजिक संस्थाएं, अहस्तक्षेपवादी राज्य, कल्याणकारी राज्य तथा प्रशासकीय राज्य की अवधारणाएं, सरकार का संगठन : व्यवस्थापिका—इसकी भूमिका तथा आधुनिक समय में इसके हास के कारण; कार्यालय का प्रकार तथा व्यवस्थापिका से सम्बन्ध; न्यायालय का कार्य तथा भूमिका—न्यायिक पुनरावलोकन की संक्षिप्त दर्शन संदर्भ में, न्यायिक सक्रियता।

द्वितीय खण्ड

लोकतंत्र तथा प्रशासन, लोकतात्त्विक प्रशासन के लक्षण, नौकरीकारी की भूमिका। राजनीतिक दल तथा दलाव, समूह तथा इसकी पार्स्परिक अन्तर्लिंग, भारत में विद आयोग, योजना आयोग तथा राष्ट्रीय विकास परिषद का संगठन व प्रशासनिक कार्य प्रणाली, निर्वाचन आयोग तथा भारत में निर्वाचन का प्रशासन।

तृतीय खण्ड

निर्माणित प्रशासनिक संस्थाओं का संगठन तथा कार्य प्रणाली : 1. बिजलीविज्ञान अनुदान आयोग, 2. संघ लेखन संस्थान, 3. रेलवे बोर्ड, 4. भारतीय रेलवे बैंक, 5. रेलवे समन कल्याण बोर्ड।

अनुशंसित पुस्तकें :

(अ) मुख्य पुस्तकें :
1. वाइल्ड : एडमिनिस्ट्रेटिव स्टेट
2. फील्ड : गवर्नमेंट इं गवर्नमेंट सोसाइटी
3. परांजय : व्यापारी कमीशन
4. आई.आई.पी.ए. : ओर्गनाइजेशन ऑफ द गवर्नमेंट ऑफ इंडिया।

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Paper-II: State Administration in India

Section - A

Present Status of State Administration in India. General background of State Administration in India. States with special reference to the State of Rajasthan.

The Office of the Governor—Powers, Functions and Role in State Administration, Relationship with Council of Ministers.

The Office of the Chief Minister—Powers, Functions, Role and Importance of the Office, Relationship with Council of Ministers.

Organization of the State Secretariat. Organization and working of the Departments of Home, Finance and Agriculture in Rajasthan. Chief Secretary—its Role and Significance in State Administration.

Section - B

Organization and working of the following Boards Companies and Directorates in the State of Rajasthan:

(a) Revenue Board

(b) Rajasthan State Electricity Companies

(c) Directorate of Agriculture

(d) Directorate of Education.

Section - C

Personnel Administration: Role of the State Civil Services in Rajasthan (R.A.S., R.P.S. etc.), Organization and working of the Rajasthan Public Service Commission, Training of State Civil Services, Organisation and Functions of State Training Institutes in Rajasthan, Rajasthan Civil Service, Appellate Tribunal.

District Administration: Organization of District Administration.

District Collector: Functions and Position.

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Revenue Administration at the District and below level, the role of S.D.O., Tehsildar and Patwaris.

Books Recommended:

A. Core Books:
1. S.R. Maheshwari: Indian Administration.
2. S.S. Khera: District Administration in India.
3. M.V. Pylee: Indian Constitution (Hindi also).
6. Dr. H.C. Sharma: Bharat Mein Rajya Prashasan.
7. सी.एस. सिंह एवं अन्य: राजस्थान में राज्य प्रशासन।

B. Reference Books:
1. D.P. Singh: Readings in Indian Administration.
2. S.L. Verma: Revenue Board in Rajasthan.
9. J.D. Shukla: State and District Administration in India.
10. B. Mehta: Dynamics of State Administration.

C. Journals:
1. Indian Journal of Public Administration (New Delhi).

पाठ्यक्रम:

द्वितीय प्रश्न पत्र: भारत में राज्य प्रशासन
प्रथम खण्ड

भारत में राज्य प्रशासन की वर्तमान स्थिति, राजस्थान के विशेष संदर्भ में, भारत में

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लैंग्विक प्रशासन की सामान्य पृष्ठभूमि। राज्यपाल : कार्य, सैनिक तथा राज्य प्रशासन में भूमिका, मंत्रिपरिषद से संबंध। मुख्यमंत्री: शस्त्रियों, कार्य, भूमिका तथा इस पद का महत्व व मंत्रिपरिषद से संबंध।

राज्य सचिवालय का संगठन, राजस्थान में गृह, वित्त तथा कृषि-विभाग का संगठन तथा कार्यप्रणाली, मुख्य सचिव : राज्य प्रशासन में इसकी भूमिका तथा महत्व।

हितीय खण्ड

राजस्थान में भिन्न-भिन्न गण्डको, कम्पनियाँ तथा निदेशालयों का संगठन एवं कार्यप्रणाली :

(अ) राजस्थान मण्डल
(ब) राजस्थान राज्य विद्युत कम्पनीयाँ
(छ) कृषि निदेशालय
(द) शिक्षा निदेशालय

तृतीय खण्ड

सेवीवांशीय प्रशासन : राजस्थान राज्य में लोक सेवाओं (आर.ए.एस., आर.पी.एस. इत्यादि) की भूमिका, राजस्थान लोक सेवा आयोग का संगठन तथा कार्यप्रणाली, राज्य लोक सेवाओं का प्रशिक्षण, राजस्थान में राज्य प्रशिक्षण संस्थाओं का संगठन एवं कार्य;

राजस्थान सिविल सेवा अपीली क्षेत्रीय न्यायाधिकरण जिला प्रशासन, जिला प्रशासन का संगठन, जिलाधिकृत—कार्य तथा पद स्थिति, जिला एवं अधिनियम स्वरूप राजस्थान प्रशासन;

एस.डी.ओ., तहसीलदार तथा पटवारी की भूमिका।

अनुशंसित पुस्तकें :

(अ) मुख्य पुस्तकें—
1. एस.आर. महेश्वरी : इंडियन एडमिनिस्ट्रेशन
2. एस.एस. खेरा : डिस्ट्रिक्ट एडमिनिस्ट्रेशन इन इंडिया
3. एस.वी. पापली : इंडियन कॉर्टिबूट्स. (हिंदी संकल्पन भी)
4. ए.आर.सी. : रिपोर्ट ऑफ स्टेट एडमिनिस्ट्रेशन
5. ए. जैन एवं गुप्ता : उत्तर प्रदेश सरकार का संगठन
6. डॉ. एच.सी. शर्मा : भारत में राज्य प्रशासन
7. डॉ. सी.एस. सिंह एवं अन्य : राजस्थान में राज्य प्रशासन
8. रेखा के., अरोड़ा व गीता, चुनौटी : राज्य प्रशासन
9. सुरेंद्र कर्मचारिया : राज्य प्रशासन

(ब) संदर्भ पुस्तकें :
1. डी.पी. सिंह : रीडिप्ल इन इंडियन एडमिनिस्ट्रेशन
2. एस.एल. वर्मा : रेखेनु बोर्ड इन राजस्थान

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3. आई.आई.पी.ए. : रेवेन्यू बोर्ड
4. राजस्थान गवर्नमेंट सैक्रेटेटिएट मैनुअल
5. राजस्थान गवर्नमेंट रिपोर्ट ऑफ एडमिनिस्ट्रेटिव रिफार्म्स कमेटी (माथुर कमेटी)
6. राजस्थान गवर्नमेंट : रिपोर्ट ऑफ दी कमेटी ऑन ट्रेनिंग, 1963
7. एच.सी.एम. इंस्टीट्यूट : मैनेजमेंट ऑफ हायर परसोनल ऑफ पब्लिक एडमिनिस्ट्रेशन
8. आई.आई.पी.ए. : इंडियन जनरल ऑफ पब्लिक एडमिनिस्ट्रेशन स्पेशल नम्बर; जुलाई-सितंबर, 1976
9. जे.डी. शुक्ला : स्टेट एण्ड डिस्ट्रिक्ट एडमिनिस्ट्रेशन इन इंडिया
10. बी. मेहता : डायनेमिक्स ऑफ स्टेट एडमिनिस्ट्रेशन
11. मैनुअल रिपोर्ट ऑफ द डिपार्टमेंट ऑफ द गवर्नमेंट ऑफ राजस्थान, जयपुर

(स) पत्रिकाएँ:

1. इंडियन जनरल ऑफ पब्लिक एडमिनिस्ट्रेशन (नई दिल्ली)
2. प्रशासनिका : एच.सी.एम. रीपा, जयपुर

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### B.A. Part – II

#### 12 DRAWING & PAINTING

**SCHEME:**

<table>
<thead>
<tr>
<th>Theory Paper I</th>
<th>Duration</th>
<th>M.M.</th>
<th>Min. Pass Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>History of Indian Painting and Sculpture</td>
<td>3 hrs.</td>
<td>90</td>
<td>32 1/2</td>
</tr>
<tr>
<td>Practical Paper II</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Part A - Study from Bust (Portrait)</td>
<td>3 hrs.</td>
<td>45</td>
<td>32 1/2</td>
</tr>
<tr>
<td>Part B - Creative Portrait (Rendering)</td>
<td>3 hrs.</td>
<td>45</td>
<td></td>
</tr>
<tr>
<td>Submission of Practical Works</td>
<td></td>
<td>20</td>
<td>07</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>200</strong></td>
<td><strong>72</strong></td>
</tr>
</tbody>
</table>

**Paper I: History of Indian Painting and Sculpture**

**Note:** The paper consists of two parts:

- **Part – I:** Carries 30 marks and consists of 15 short type questions of 2 marks each.
- **Part – II:** Carries 60 marks divided into three sections 4 questions of 15 marks each with internal choice. Candidates are required to attempt four questions selecting one question from each section. Each answer should be limited in 700-800 words.

**Section – A**

- Prehistoric Rock Paintings, Art of Indus Valley Civilization, Jogimara, Ajanta, Bagh, Sigiriya Caves Paintings.
- Pal and Adbhurs Painting.
- Rajasthani School – Mewar, Kishangarh, Jaipur and Bundi style of painting.
- Pahari School – Basohali and Kangra style of Painting.

**Section – B**

- Company School
- Raja Ravi Varma, Bengal School – Abhijitram Tagore, Nandalal Bose
- Other Indian Artist – Yamini Roy, Rabindranath Tagore and Amrita Shergil

**Section – C**

- History of Indian Sculpture – Maurya Period – Ashoka Pillars, Yakshini of Didarganj and Yaksh Murtishi. 
- Sunga Period – Sanchi
- Kushan Period, Gandharan and Mathura Sculpture.

**Sculptures of Gupta Period.**

**Books Recommended:**

2. History of Fine Arts in India & Ceylon - Vincent A. Smith (edited by K. Khomalaalwala), Bombay, 1930
4. Indian Painting - Percy Brown, Calcutta, 1918
5. Survey of Indian Sculpture - S.K. Saraswati, Calcutta, 1657
7. भारतीय मूलिकला – स्मृति कृप्ति, नागरी प्राचीनतम समा, कामी
10. Fundamental of Indian Arts - S. Das Gupta.
11. भारतीय चित्रकला का स्थिति इतिहास – उपन्यास, लोकल संदर्भ, कृत्य प्रकाशन मणिलिया (प्राचीन)

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Paper II Part-A : Study from Bust (Portrait)

Medium – Water/Oil Colour
Duration : 3 hrs.

Size ½ Imperial
Max. Marks : 45

Study from bust (Portrait Painting) showing broad masses of light and shade, clearly bringing out the
modelling of the figure and drapery.

Part – B : Creative Portrait (Rendering)

Two Dimensional Creative Portrait should be rendered with emphasis on stylization, colour scheme
and textures etc.

Medium – Any Medium
Duration : 3 hrs.

Size ½ Imperial
Max. Marks : 45

Books Recommended :
1. Anatomy and Drawing by Victor Perard, Publisher J.V. Navlakhi, Bombay.
2. Human figure by Vanderpol, Publisher J.V. Navlakhi, Bombay.

Note: Life Model will sit in front of the candidate for four hours with a rest of 10 minutes when
required by the model. First session of four hours should be devoted for the study from life. There will
be a break of one hour after first session. Second session will be of two hours for practical
composition. Both the parts be completed on the same day. The student should be allowed to use any
style of composition in the examination.

Submission of Practical work :
Max. Marks : 20
Min. Pass Marks : 7

(a) Five plates from bust study in colour and three plates form bust study in pencil or charcoal.
(b) Five Plates form creative portrait in colour and three plates form creative portrait in pencil or
charcoal.
(c) A sketch book of not less than 50 sketches.

Instruction for submission :

Note: Submission work will be submitted to the Head of the Department of Drawing and Painting of
the College fifteen days before the commencement of examination. The marks in the submission will
be awarded by the subject teacher (internal). However, the external examiner shall be empowered to
review the work of the submission in case there is a drastic difference between the marks of the
examination and submission. Submission work will be retained till the declaration of the result and
returned to the Candidate from the Department thereafter. If no claim is made within two months of
the declaration of the result, the submission will be destroyed.

Note:
(a) Candidate should pass in theory as well as in practical paper separately.
(b) There should be minimum 10 hours for the regular study including two hours for
sketching.
(c) Minimum three demonstrations should be arranged by the subject expert during the
session for each practical paper.
(d) The Department should also arrange for an Educational tour to Ancient Art centres like
Ajanta, Ellora, Elephanta, Khajuraho, Mahabalipuram etc. once a year.
(e) Practical examination will be conducted at the centres and the practical work will be
examined like the practical paper of Music or Home Science which means that an
external examiner will examine the answer books in consultation with an internal
examiner who is the subject teacher of the Department of Drawing and Painting.
University may centralize the practical examinations at few well equipped Departments to
hold examination economically.

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Scheme:

<table>
<thead>
<tr>
<th>Min. Pass Marks</th>
<th>Max. Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>72</td>
<td>200</td>
</tr>
</tbody>
</table>

Paper-I  
3 hrs. duration  
Marks 100

Paper-II  
3 hrs. duration  
Marks 100

Note: There shall be two papers in all, and each paper shall be of three hours duration and of 100 marks. Each paper shall consist of two parts Part I shall carry 40 marks. There shall be 2 questions in Part-I, first question will consist of 20 short questions of 1 mark each, carrying a word limit of 20 words. The second question will consist of 10 questions of 2 marks each, carrying a word limit of 40 words. Marks may be deducted if the word limit is exceeded. This part of the question paper will be given maximum one hour duration and shall relate to all the three sections covering thereby the entire course.

Part-II, of the question paper shall be divided into three sections comprising 6 essay type questions of 20 marks each. Candidates will be required to attempt 3 questions selecting one question from each section. This part of the question paper shall be of 60 marks.
Paper I - Social Research Methods

I: Scientific Study of Social Phenomena

The scientific method, Steps in Social Research, Objectivity and subjectivity in social science
Hypothesis; Sources & Types

Types of Research: Basic and Applied; Historical and Empirical
Descriptive, Exploratory, Explanatory, Experimental

Unit II: Research Methods and Techniques:

Quantitative and Qualitative methods
Qualitative techniques: Observation, Case Study, Content Analysis
Quantitative techniques: Survey, Questionnaire, Schedule and Interview Guide

Unit III: Classification and presentation of data

Sources of Data: Primary and Secondary.
Tables, Graphs, Histograms, Measures of central tendency

References:

lication - Mrs. A.F. Sheikh For Vakils, Bombay, Tenth Reprint
tern.
g, P.V. 1988. Scientific Social Surveys and Research
Paper II - Rural sociology

Unit I: Introduction to Rural Sociology

Nature, Scope and subject matter of Rural Sociology, Importance of the study of Rural Society.

Basic concepts: Peasant Society, Agrarian Society, Parochilization, Universalization, little and great tradition, Rural-Urban Continuum

Unit II: Social Structure of Rural India

Family, Caste, Kinship, Religion

Power relation and rural polity

Caste Panchayats

Unit III: Rural Transformation in India

Panchayati Raj, 73rd Amendment, Community Development Programme, Green Revolution and its Impact

Globalization & its impact on agriculture

ESSENTIAL READINGS:


Sociology 31

Alfred D' souza 1978 The Indian City; Poverty, Ecology and Urban development,

Manohar, New Delhi.

Ramakrishna Mukarjee The dynamics of rural society, Berlin A C. Mukherjee 1957
Scheme of examination: two written papers of 75 mark each & one practical of 50 marks. A candidate has to secure 36% marks in individual papers to declare her/him pass.

PAPER - I  MAX MARKS:  75
PAPER - II  MAX MARKS:  75
PAPER - III  MAX MARKS:  50

Total Marks:  200

PAPER - I: GRAMMAR & QUESTIONS FROM THE TEXT
(a) Grammar: Covered in the book  45
(b) Answer the questions based on the text given below  30

(PASSAGE MUST BE TAKEN FROM THE TEXT BOOK)

PAPER II
Max marks  75

Time 3Hrs
French through texts

The paper will be called :
Use of Dictionary is allowed
It will consist of four parts:
A. Press articles/passages  20 marks (summarize two press articles in your
own words in French 10x2)

B. Literary extracts/short stories(two)  20 marks (5 questions of 2 marks each on the
each literary texts)

C. Poems  20 marks (5 questions of 2 marks each on each poem)

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Write an essay of about 250-300 words on one of the five topics given like An excursion, Importance of learning foreign languages, Advantages of joint family, My favourite author/book, My country, festival of my choice, Mass media; advantages and disadvantages.

PAPER - III VIVA-VOCE

Teaching Material / Books:
1. Version Originale I - II
4. One Compact Disc Level-1 to go with the method.

Reference Books:
1. Synchronie-II
2. Le Robert Mini-Dictionary: French-French
3. Collection « Progressive du Français »
   Exercices communicatifs - Level - Intermediate
4. Vocabulaire progressif - Advance
   Grammaire Collection « Le Nouvel Entraînez-vous » Intermediate Level

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Scheme of examination: two written papers of 75 mark each & one viva-voce of 50 marks. A candidate has to secure 36% marks in individual papers to declare her/him pass.

PAPER - I MAX MARKS: 75
PAPER - II MAX MARKS: 75
PAPER - III MAX MARKS: 50
Total Marks: 200

PAPER - I: GRAMMAR & QUESTIONS FROM THE TEXT
(a) Grammar 45
(b) Answer the questions based on TWO UNSEEN PASSAGES (15x2=30) 30

PAPER II: WRITTEN EXPRESSION
Max marks 75 Time 3Hrs

A. Write TWO letters on the THREE given topics (25x2=50 marks)
Topics covered in class are as follows:
1. Write a letter to a friend describing your city
2. Write a letter to a friend inviting him on a birthday party.
3. Write a letter to your friend congratulating him on his Birthday/Job/Success in exams.
4. Write a letter to your friend describing your recent vacations.
5. Write a letter to a friend accepting an invitation.

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6. Write a letter to a friend refusing an invitation.
B. Write ONE essay out of 4 topics given below. Word limit 300 words  

Topics covered in class are as follows:
  1. My hobbies
  2. My future plans •
  3. My favourite film
  4. An unforgettable day

PAPER - III VIVA -VOCE
Recommended Books:
  Teste Dein deutsch -1
  Teste Dein Deutsch – 2
  Tangram – 1 aktuell! 1. Aufl. By Rosa-Maria Dallapizza u.a. Max
  Hueber Verlag, Ismaing, 2004
  Studio-D 1A with work book and CDs
  Or Lagune 1A with work book and CDs (Left to the selection of
  books to the CoC as per availability and convenience)
  Eindrücke-Einblicke Lehr- und Arbeitsbuch
  Deutsche Sprachlehre für Ausländer – Dora Schulz & Heinz
  Griesbach
  Grammatik der deutschen Sprache by Helbig Buscha

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Examination Scheme

- Each Theory paper will contain nine questions having three questions from each unit. Candidates are required to attempt five questions in all selecting at least one question from each unit. Each question will be of 10 marks.

BA Home Science Part II

<table>
<thead>
<tr>
<th>Paper</th>
<th>Subjects</th>
<th>Duration of exam</th>
<th>Maximum marks</th>
<th>Minimum marks</th>
<th>No. of hrs/wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theory Paper III</td>
<td>Human Development</td>
<td>3hrs</td>
<td>50</td>
<td>18</td>
<td>3</td>
</tr>
<tr>
<td>Practical III</td>
<td>Human Development</td>
<td>3hrs</td>
<td>50</td>
<td>18</td>
<td>2</td>
</tr>
<tr>
<td>Theory Paper IV</td>
<td>Textiles and Clothing</td>
<td>3hrs</td>
<td>50</td>
<td>18</td>
<td>3</td>
</tr>
<tr>
<td>Practical IV</td>
<td>Textiles and Clothing</td>
<td>3hrs</td>
<td>50</td>
<td>18</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td>200</td>
<td>72</td>
<td>10</td>
</tr>
</tbody>
</table>

B.A. PART-II

HUMAN DEVELOPMENT (THEORY PAPER III)

Maximum Marks: 50  
Minimum marks: 18  
Teaching workload: 3 hrs/week  
Total teaching workload: 72 hours/year

Objectives:-
1. To acquaint the student with the scope and foundation of human development.
2. To understand development through different life span stages.
3. To learn regarding the significant developmental tasks of each stage.

<table>
<thead>
<tr>
<th>Contents</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>UNIT I</td>
<td></td>
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<tr>
<td>1. Definition and scope of Human Development as a field</td>
<td>2</td>
</tr>
</tbody>
</table>
of study.

2. Principles of development 3

3. Role of Heredity and environment and learning and maturation in development. 3

4. Factors affecting development. 3

<table>
<thead>
<tr>
<th>UNIT II</th>
</tr>
</thead>
<tbody>
<tr>
<td>Development from conception to adolescence:</td>
</tr>
<tr>
<td>5. Physical development 7</td>
</tr>
<tr>
<td>6. Motor development 7</td>
</tr>
<tr>
<td>7. Socio-emotional development 8</td>
</tr>
<tr>
<td>8. Language and cognitive development 8</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>UNIT III</th>
</tr>
</thead>
<tbody>
<tr>
<td>9. Importance and objectives of early childhood education; impact of deprivation and early stimulation 7</td>
</tr>
<tr>
<td>10. Definitions, functions and types of families; changing roles and challenges faced by Indian Families 8</td>
</tr>
<tr>
<td>11. Understanding differently abled children; definitions, meaning and classification 8</td>
</tr>
<tr>
<td>12. Major development tasks, achievements and problems of adulthood and aging. Need for care and support for aging individuals. 8</td>
</tr>
</tbody>
</table>

References:


**HUMAN DEVELOPMENT – PRACTICAL III**

Maximum marks: 50
Minimum marks: 18
Teaching workload: 2 practicals/week (2 hours/practical)
Total teaching workload: 24 practicals/batch
Objectives:
1. Students will gain insight into the growth patterns, developmental characteristics and activities of children in a practical situation.
2. They will also learn to understand significant issues related to adolescents, adults and ageing people.

Contents

<table>
<thead>
<tr>
<th></th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Anthropometric measurement of children from birth to 6 years. Plotting and interpretation of data as per WHO norms.</td>
<td>4</td>
</tr>
<tr>
<td>2. Interviewing mothers of young infants regarding breast feeding schedules, supplementary foods and weaning practices.</td>
<td>3</td>
</tr>
<tr>
<td>3. Organizing and conducting play and creative activities of children in a nursery school.</td>
<td>3</td>
</tr>
<tr>
<td>4. Preparation and conduction of various activities to enhance overall development of children: physical, motor, language, cognitive, social and emotional.</td>
<td>4</td>
</tr>
<tr>
<td>5. Focus group discussion with adolescents to understand their aspirations, educational and career choices.</td>
<td>3</td>
</tr>
<tr>
<td>6. Market survey of story books and toys for children. Assessment of the above in terms of quality, cost, durability, safety, attractiveness and developmental appropriateness.</td>
<td>2</td>
</tr>
<tr>
<td>7. Preparation of a brief questionnaire to identify the problems faced by adults and aging people in communities. Report the information as individual case profile.</td>
<td>3</td>
</tr>
<tr>
<td>8. Preparation of a scrap book on relevant issues of human development.</td>
<td>2</td>
</tr>
</tbody>
</table>

Examination scheme:

- **Total Marks**: 50 marks
  - **Major problem** - 25 Marks
    - Preparation and conducting of various activities to enhance overall development.
    - Interviewing mothers of infants.
    - Organizing and conducting play.
  - **Minor Problem** - 15 Marks
    - FGD
    - Preparation of toys, book, poems, questionnaire, Anthropometric measurements
  - **Internal** - 10 Marks

**TEXTILES & CLOTHING (THEORY PAPER IV)**

- **Maximum Marks**: 50
- **Minimum Marks**: 18
- **Teaching workload**: 3 hrs/week
- **Total teaching workload**: 72 hours/year

Objectives:
The course will lead to:
1. Acquaint students with basic knowledge of textiles and clothing.
2. Familiarize the students to make purchase decisions in selection of clothing.
3. Update the students with the recent innovations in the field.
4. Impart knowledge regarding traditional textiles and embroideries of India

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<table>
<thead>
<tr>
<th>Contents</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Unit – I</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Textile Study</strong></td>
<td></td>
</tr>
<tr>
<td>1. Fiber</td>
<td>10</td>
</tr>
<tr>
<td>• Classification</td>
<td></td>
</tr>
<tr>
<td>• Properties and their importance to the consumer with special reference to the care.</td>
<td></td>
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<tr>
<td>• Natural Fibers</td>
<td></td>
</tr>
<tr>
<td>(a) Cotton</td>
<td></td>
</tr>
<tr>
<td>(b) Wool</td>
<td></td>
</tr>
<tr>
<td>(c) Silk</td>
<td></td>
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<tr>
<td>(d) Jute</td>
<td></td>
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<tr>
<td>• Manmade Fibers</td>
<td></td>
</tr>
<tr>
<td>(a) Polyester</td>
<td></td>
</tr>
<tr>
<td>(b) Polyamide</td>
<td></td>
</tr>
<tr>
<td>(c) Rayon</td>
<td></td>
</tr>
<tr>
<td>2. Yarn</td>
<td>2</td>
</tr>
<tr>
<td>• Simple Yarn</td>
<td></td>
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<tr>
<td>• Novelty yarn</td>
<td></td>
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<tr>
<td>• Textured yarn</td>
<td></td>
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<tr>
<td>3. Fabric : Different construction methods :</td>
<td>8</td>
</tr>
<tr>
<td>• Weaving</td>
<td></td>
</tr>
<tr>
<td>• Parts of loom</td>
<td></td>
</tr>
<tr>
<td>• Steps in weaving</td>
<td></td>
</tr>
<tr>
<td>• Types of weaves: Plain</td>
<td></td>
</tr>
<tr>
<td>Twill</td>
<td></td>
</tr>
<tr>
<td>Satin</td>
<td></td>
</tr>
<tr>
<td>• Knitting</td>
<td></td>
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<tr>
<td>• Felting</td>
<td></td>
</tr>
<tr>
<td>• Lacing</td>
<td></td>
</tr>
<tr>
<td>• Braiding</td>
<td></td>
</tr>
<tr>
<td>4. Finishing</td>
<td>7</td>
</tr>
<tr>
<td><strong>Basic Finishes</strong></td>
<td></td>
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<tr>
<td>• Bleaching</td>
<td></td>
</tr>
<tr>
<td>• Sizing</td>
<td></td>
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<tr>
<td>• Desizing</td>
<td></td>
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<tr>
<td>• Singeing</td>
<td></td>
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<tr>
<td>• Tentering</td>
<td></td>
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<tr>
<td><strong>Functional finishes</strong></td>
<td></td>
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<tr>
<td>• Wash and wear</td>
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</tr>
</tbody>
</table>

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- Mercerising
- Sanoforizing
- Flame retardant
- Water resistant
- Moth proofing

5. Dyeing and Printing
   - Classification of dyes
     i. Natural
     ii. Synthetic
   - Classification of printing
     i. Direct
     ii. Resist
     iii. Discharge

6. Technical textiles
   - Categories and use in daily life
     i. Mobiltech
     ii. Agrotech
     iii. Geotech
     iv. Meditech
     v. Protech

Unit – II
Apparel Selection and Care

7. Selection of suitable fabrics and garments for different ages – infants, toddlers, pre-school children, school going children, adolescents

8. Climate, occasion, occupation, fashion, figure

9. Clothing for people with special needs: maternity and lactation, old age and physically challenged.

10. Selection of readymade garments

13. Appearance – Size, design, line and colours,

14. Fabric – Durability, ease of care

15. Workmanship – Cutting, sewing and finishing

16. Cost & Fitting

11. Labelling
   - Textile fiber symbols
   - Care labelling symbols
f2. Care and storage of
   - Cotton
   - Silk
   - Wool

Unit III
Designing & Traditional Textiles

14. Principle of design – Proportion, Harmony, Balance and Emphasis

15. Traditional textile
   - Woven: Brocade
   - Printed; Sanganer, Bagru, Kalamkari
   - Dyed; Bandhani, Patola
   - Embroidered; Kasuti, Kantha, Phulkari, Chikankari, Kutch

References:

TEXTILES AND CLOTHING (PRACTICAL IV)

Maximum marks: 50
Minimum marks: 18
Teaching workload: 2 practical/week (2 hours/practical)
Total teaching workload: 24 practical/batch

<table>
<thead>
<tr>
<th>Contents</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>Textiles</td>
<td></td>
</tr>
<tr>
<td>Make a Scrap book of the following</td>
<td></td>
</tr>
<tr>
<td>1. Fiber samples</td>
<td></td>
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<tr>
<td>- Cotton fiber from</td>
<td>5</td>
</tr>
<tr>
<td>(Muslin, 2x2 Rubia, 2x1 poplin, Khadi)</td>
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<tr>
<td>- Silk fiber from</td>
<td></td>
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<tr>
<td>(Georgette, Chiffon, Crepe, Tussar, Mulberry,)</td>
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<tr>
<td>- Wool fiber from</td>
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<tr>
<td>- Felt (wool)</td>
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<tr>
<td>- Jute fibre from</td>
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<tr>
<td>Gunny Bags &amp; Ropes</td>
<td></td>
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<tr>
<td>- Nylon fibre from</td>
<td></td>
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<tr>
<td>Plastic Cord</td>
<td></td>
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<tr>
<td>- Polyester fibre from</td>
<td></td>
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<tr>
<td>Sewing Thread</td>
<td></td>
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<tr>
<td>- Rayon fibre from</td>
<td></td>
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<tr>
<td>Artificial Silk Dupatta</td>
<td></td>
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<tr>
<td>2. Yarn : Ply, textured and metallic yarn</td>
<td></td>
</tr>
</tbody>
</table>
3. Fabric Samples: Woven, Knitted and Non woven - Felt (wool)
4. Collection of care labels washing, ironing, dry-cleaning, bleaching
5. Fiber symbols (cotton, wool, silk)
6. Technical textiles: Bandages & Scotch Brite

**Clothing**

7. Clothing techniques (sample of each)
   - Simple stitches - hemming and tacking
   - Seam - plain, French and run and fell
   - Dart - straight and curve
   - Tucks - Pin tucks
   - Pleat - knife, box
   - Gathers - simple gathers
   - Finishing of curve - piping and facing
   - Placket opening - continuous wrap & two piece placket
   - Garment construction - ‘A’ line frock with any sleeve and Collar
   - Embroider the frock using few basic stitches

8. Tie & dye prepare two sample through any 2 techniques
9. Product design - construction of any one product
   - Two cushion covers
   - Shoulder Bag with any fastener
   - Pouch with zip

**Examination scheme**

**Total Marks: 50 marks**

1. **Major problem - 25 marks**
   - Construct any one garment
     - Drafting and cutting of a garment
     - Stitching and finishing of a garment

2. **Minor Problem - 15 marks**
   - Identification of textile yarn / fabrics
   - Tie and dye one sample using two colours and two different techniques / two samples of any clothing techniques

3. **Internal -10 marks**

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SCHEME: B.A PART-II

<table>
<thead>
<tr>
<th>Duration</th>
<th>Max mark</th>
<th>Min mark</th>
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<tbody>
<tr>
<td>1. Theory:</td>
<td>Paper-I</td>
<td>3Hrs</td>
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<td></td>
<td>Paper-II</td>
<td>3Hrs</td>
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<tr>
<td>2. Practical:</td>
<td>Paper-I</td>
<td>6Hrs</td>
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<tr>
<td></td>
<td>Paper-II</td>
<td>6Hrs</td>
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<tr>
<td>3. Submission:</td>
<td>Paper-I</td>
<td>35</td>
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<tr>
<td></td>
<td>Paper-II</td>
<td>35</td>
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</tbody>
</table>

Syllabus (Theory):

Paper-I: Weaving Theory:

- Yarn numbering system (Indirect and Direct)
- Yarn Twist, Balance of fabric
- Methods of fabric construction
- Types of loom- Shuttle & Shuttle less
- Preparation of Warp and Weft for weaving
- Draft, Peg plan, Weave, Repeat, Design
- Derivatives of Plain-weave- Rib and Basket
- Derivative of twill weave- Regular, Irregular, Left hand, Right hand,
- Pointed and curved twill
- Fabric defects, Selvedge, Types of Selvedge's
Paper-II: Dyeing Theory:

Types of fabric finishes: Mechanical & Chemical

Stages of Dyeing (fibre, yarn & fabric)

Wool dyeing and silk dyeing

Dyeing machines- Jigger and Winch dyeing machine

Difference between dyeing and printing

Steps of printing- preparation of cloth & colour

Methods of Direct printing- Block & Roller printing

Thickeners and types of thickeners

Practical (Paper-I&II)

1. Batik (samples)

2. Weaves samples using coloured paper stripes

3. Block printing (samples)

4. Stencil printing (spray)

5. Concept of resist and discharge printing

Design development for practical:

Table cover, pillow cover, using block printing.

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### 18. INVESTIGATIRE BIO-TECHNOLOGY

<table>
<thead>
<tr>
<th>Scheme</th>
<th>Min. Pass Marks</th>
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<tbody>
<tr>
<td>Paper-I</td>
<td>40</td>
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<tr>
<td>Paper-II</td>
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<tr>
<td>Paper-III</td>
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<tr>
<td>Practical</td>
<td>120</td>
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</tbody>
</table>

**Paper-I: Bio Chemistry and Systemic Bacteriology**

**Section - A**

**Bio-Chemistry II**

1. Blood sugar and its regulation
2. Chemical examination of urine
3. Glucose tolerance test
4. Diabetes emlilitus, Ketosis, Diabetic coma
5. Non-protein nitrogenous compounds
6. The Plasma Proteins and A.G. Ratio
7. Lipids
8. Enzymes
9. Tests of Gastric Function, Occult Blood
10. Test in Liver and Biliary Tract Disease
11. Tests in Pancreatic Disease, Steatorrhoea
12. Acid Base Regulation
13. Basal Metabolism, Blood Oxygen
14. Regulation of pH in blood and body fluids
15. Vitamins and their tests
16. Chemical Examination of Cerebrospinal fluid
17. Milk Analysis

*Signature*

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18. Stones (Urinary and Gallbladder)
19. Faecal Pigments
20. Drugs and Poisons, alcohol

Section - B

Systemic Bacteriology and other microbes
1. Classification of bacteria
2. Normal bacterial flora and its importance
3. Introduction and Laboratory methods of identification of:
   (i) Staphylococci
   (ii) Streptococci
   (iii) Pneumococci
   (iv) Neisseria
   (v) Diphtheria
   (vi) Anthrax
   (vii) Clostridia
   (viii) Enteric Gram Negative Rod
   (ix) Cholera
   (x) Pseudomonas
   (xi) Haemophilus and Borde-tella
   (xii) Spirochetes
   (xiii) Spirillum and Leptospira
   (xiv) Ricetsial and Chalmydia
4. Mycology: General characters of Fungi: Yeast like fungi and their diseases; Dermatophytes
5. Virology: General characters and classification, Diagnostic methods, materials collected for virus isolation and preservation of material.

Paper-II: Serology and General Pathology Max. Marks: 40

Serology:
1. Antigens and antibodies
2. Complement and fixation test
3. Agglutination
4. Precipitation
5. Flocculation
6. Neutralization
7. Immunofluorescence
Immune electrophoresis
9. Serology of Syphilis
10. Haem Aggululation and Haem Aggululation Inhibition
11. Skin Tests

Section – B

General Pathology
1. Introduction to pathology (Morbid Anatomy and Histology)
2. Degeneration, Necrosis and gangrene and how to recognise them
3. Infection, Thrombosios and Embolism
4. Inflammation
5. Neopiasia, Benign and Malignant tumors

Practical (75×3 periods) Max. Marks 120

Unit-I

Bio-Chemistry
3. Alkaline and Acid phosphatase
4. F.T.M. Gastric analysis
5. Serum Electrolytes
6. Principle and application of Spectrophotometer, Turbidimeter and chromatography.

Unit-II

A. Haematology :
1. Erythrocyte Sedimentation Rate (E.S.R.) and Packed Cell Volume (P.C.V.) and Total R.B.C. count
2. Red cell indices and their calculation
3. Staining of Reticulocyte and their counting
4. Total Eosinophil Count
5. Cyto chemical stains used in bone Marrow and P.B.F. for diagnosis.
8. Coomb’s Test.

B. Serology and Bacteriology:
1. Cleaning and sterilisation
2. Widal Test

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4. Alberts Stain and Neisser Stain.
5. A.F.B. Stain
6. Concentration method of A.F.B.
7. Smears of Leprosy (Nasal Smear Slit Smear)
8. Staining and examination of prepared smears of Pus, Sputum conjunctive etc. by GRAMS-A.F.B. (R.N. Method)
10. Composition of common laboratory cultures media.
11. Demonstration of some common types of growth of micro organism on different media.
12. Preparation and Staining of Smears from cultures.
13. Demonstration of Special Biochemical tests used in identification of organism.

C. Cytology and Histology:
1. Microscopy of urine and C.S.F.
2. Semen examination for sperm count and motility.
3. Demonstration of the paraffin embedding, sectioning for histopathology.
4. Hematoxyline and eosine staining of paraffin section and taking and staining of smears for sex chromation.
5. Making and fixing of smears from urine, sputum and Vaginal etc. for cytology.

Practical - Bases on Theory syllabus - Max. marks 50

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THEORY PAPER-I
Fashion and Apparel Design
B.A./B.COM. MM- 30 HRS-3
B.SC. MM- 50

SECTION -A
TRADITIONAL COSTUMES
1. Study of traditional costumes of various regions of India.
2. History of costumes of Indian civilization.
3. Brief knowledge of world costumes: French, German, Greek, European.

SECTION -B
TECHNIQUES IN PATTERN MAKING
4. Eight head theory - principles and advantages.
5. Pattern making techniques - drafting, draping, flat pattern.
6. Colour and colour schemes, psychological effects of colour on clothes.
7. Fitting - principles of fitting, factors to be considered while fitting, common fitting problems, remedying fitting defects of bodice, sleeves, and skirts.

SECTION -C
DESIGN
8. Classification of design - structural and decorative
9. Elements and principles of design.
10. Layout of design of fabric in cutting - floral, checks, plaids, lines.

References:
3. Doonga ji S. and Deshpandey R. - basic process of clothing construction.

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PAPER-II
ELEMENTS OF MARKETING AND FINANCE
B.A./B.COM. –M.M 50 HRS.-3
B.SC.-M.M. 60

SECTION A
3. Branded vs nonbranded market.
4. Types of garments exported.

SECTION B
5. Elementary knowledge of working capital, factors affecting working capital, operating cycle.
6. Sources of finance.
7. Letter of credit
9. Various types of bills.
10. Insurance

SECTION C

Brief study of:
11. ECGC (export credit and guarantee corporation)
12. EIC (export inspection council)
13. IIP (Indian institute of packaging)
14. ICA (Indian council of arbitration)

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References:
1. Srivastav and Aggarwal: Vipdan Prabandh.
4. Daver, R.S.: Salesmanship and Publicity.

B.SC./B.A./B.COM. PART – II
PRACTICAL – I
APPAREL DESIGNING

B.A./B.COM. – M.M 60
B.SC. - M.M. 25

HRS. - 4

1. Colour wheel and colour scheme.
2. Introduction to eight head theory and stick figure 9.5", 10.5".
3. Developing an adult croquis from block figure.
4. Draping of garments on croquis (at least 8 sheets) using different colours schemes and occasions.
5. Preparation of a portfolio.

B.SC./B.A./B.COM. PART – II
PRACTICAL – II
CLOTHING CONSTRUCTION

B.A./B.COM. – M.M 60
B.SC. - M.M. 25

HRS. - 4

1. Pattern making:
   i) Child's basic block and sleeve block.

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ii) sleeve variations: slash and spread method - puff, bell, legomutton, bishops sleeves.

iii). sleeve bodice combination: Magyar, raglan, dolman sleeves.

iv). different types of collars.

v.) different types of yokes.

2. Stitching of each sleeve, collar, and yokes on bodice block.

3. Fashion designing (5 each) on sheet: baby frocks, a-line frocks, rompers, sunsuits, skirts and tops, bu-shirts with shorts.

4. Redesigning of old garment using the idea such as: to consider factors such as money, creativity, individuality, skills, needs,

i). piecing or patchwork


iii) use of decorative embroideries

iv) trims

v) paints and dyes

5. Introduction of fashion designing in fashion shows.

References:

1. Kallal Mary Jo, Construction.


3. Ireland fashion designing drawing and presentation.

4. Renee Weiss Chase, CAD for fashion design.
MATHEMATICS


Teaching: 3 Hours per Week per Theory Paper.
2 Hours per Week per Batch for Practical
(20 candidates in each batch)

Examination:

<table>
<thead>
<tr>
<th>Min. Pass Marks</th>
<th>Max. Marks</th>
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<tbody>
<tr>
<td>Science – 54</td>
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<tr>
<td>Arts – 72</td>
<td>200</td>
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</tbody>
</table>

Duration | Max. Marks
---|----------|
Real Analysis and Metric Space | 3 hrs. | 50 (Science) 66 (Arts) |
Differential Equations | 3 hrs. | 50 (Science) 66 (Arts) |
Numerical Analysis | Theory: 2½ hrs. | 32 (Science) 44 (Arts) |
| Practical: 2 hrs. | 18 (Science) 24 (Arts) |

Note:

1. Papers I and II are divided into FIVE Units. TWO questions will be set from each Unit. Candidates are required to attempt FIVE questions in all taking ONE question from each Unit. All questions carry equal marks.

2. Paper III is divided into FOUR Units. TWO questions will be set from each Unit. Candidates are required to attempt FOUR questions in all taking ONE question from each Unit. All questions carry equal marks.

3. Common paper will be set for both the Faculties of Social Science and Science. However, the marks obtained by the candidate in the case of Faculty of Social Science will be converted according to the ratio of the maximum marks of the papers in the two Faculties.

4. Each candidate is required to appear in the Practical examination to be conducted by internal and external examiners. External examiner will be appointed by the University and internal examiner will be appointed by the Principal in consultation with Local Head/Head, Department of Mathematics in the college.

5. An Internal/external examiner can conduct Practical Examination of not more than 100 (Hundred) Candidates (20 Candidates in one batch).

6. Each candidate has to pass in Theory and Practical examinations separately.

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Paper – I: Real Analysis and Metric Space  
Teaching : 3 Hours per Week  
Duration of Examination : 3 Hours  
Max. Marks: 50 (Science)  
66 (Arts)  

Note: This paper is divided into FIVE Units. TWO questions will be set from each Unit. Candidates are required to attempt FIVE questions in all taking ONE question from each Unit. All questions carry equal marks.  

Unit 1: Real numbers as complete ordered field, Limit point, Bolzano-Weierstrass theorem, Closed and Open sets, Union and Intersection of such sets. Concept of compactness. Heine-Borel theorem. Connected sets.  
Real sequences- Limit and Convergence of a sequence, Monotonic sequences.  

Unit 2: Cauchy’s sequences, Subsequences, Cauchy’s general principle of convergence. Properties of continuous functions on closed intervals. Properties of derivable functions, Darboux’s and Rolle’s theorem.  

Unit 3: Notion of limit and continuity for functions of two variables. Riemann integration – Lower and Upper Riemann integrals, Riemann integrability, Mean value theorem of integral calculus, Fundamental theorem of integral calculus,  

Unit 4: Sequence and series of functions – Pointwise and Uniform convergence, Cauchy’s criterion, Weierstrass M-test, Abel’s test, Dirichlet’s test for uniform convergence of series of functions, Uniform convergence and Continuity of series of functions, Term by term differentiation and integration. Metric space – Definition and examples, Open and Closed sets, Interior and Closure of a set, Limit point of a set.  

Unit 5: Subspace of a metric space, Product space, Continuous mappings, Sequence in a metric space, Cauchy sequence. Complete metric space, Baire’s theorem, Compact sets and Compact spaces, Connected metric spaces.  

Paper – II: Differential Equations  
Teaching : 3 Hours per Week  
Duration of Examination : 3 Hours  
Max. Marks: 50 (Science)  
66 (Arts)  

Note: This paper is divided into FIVE Units. TWO questions will be set from each Unit. Candidates are required to attempt FIVE questions in all taking ONE question from each Unit. All questions carry equal marks.  

Unit 1: Degree and order of a differential equation. Equations of first order and first degree. Equations in which the variables are separable. Homogeneous equations and equations reducible to homogeneous form. Linear equations and equations reducible to linear form. Exact differential equations and equations which can be made exact.  

Unit 2: First order but higher degree differential equations solvable for x, y and p. Clairaut’s form and singular solutions with Extraneous Loci. Linear differential equations with constant coefficients, Complimentary function and Particular integral.
Unit 2: First order but higher degree differential equations solvable for x, y and p. Clairaut’s form and singular solutions with Extrinsic Loci. Linear differential equations with constant coefficients. Complimentary function and Particular integral.


Unit 4: Linear differential equations of second order. Linear independence of solutions. Solution by transformation of the equation by changing the dependent variable/the independent variable. Factorization of operators. Method of variation of parameters. Method of undetermined coefficients.


Paper – III: Numerical Analysis and Vector Calculus
Teaching: 3 Hours per Week
Duration of Examination: 2½ Hours
Max. Marks: 32 (Science)
44 (Arts)

Note: (i) This paper is divided into FOUR Units. TWO questions will be set from each Unit. Candidates are required to attempt FOUR questions in all taking ONE question from each Unit. All questions carry equal marks.
(ii) Non-Programmable Scientific Calculators are allowed.


Unit 2: Central differences. Gauss’s, Stirling’s and Bessel’s interpolation formulae. Numerical Differentiation. Derivatives from interpolation formulae. Numerical integration, Derivations of general quadrature formulas, Trapezoidal rule, Simpson’s one-third, Simpson’s three-eighth and Gauss’s quadrature formulae.

Unit 3: Process of Gauss elimination and Iterative methods (Jacobi and Gauss Seidal) for solving system of linear algebraic simultaneous equations. Partial Pivoting method, ill conditioned systems, Solutions of ordinary differential equations of first order with initial condition using Picard’s Euler and modified Euler’s method.

Unit 4: Scalar and Vector point functions. Differentiation and integration of vector point functions. Directional derivative. Differential operators. Gradient, Divergence and Curl. Theorems of Gauss, Green, Stokes (without proof) and problems based on these theorems.

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Practical:
Teaching: 2 Hours per Week per Batch
(20 Candidates in each Batch)

Examination: 
Duration: 2 Hours

<table>
<thead>
<tr>
<th>Scheme</th>
<th>Science</th>
<th>Arts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max.Marks</td>
<td>18</td>
<td>24</td>
</tr>
<tr>
<td>Min.Pass Marks</td>
<td>06</td>
<td>08</td>
</tr>
</tbody>
</table>

Distribution of Marks:
Two Practicals one from each group

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>6 Marks each</td>
<td>12 Marks (08 Marks each)</td>
<td>16</td>
</tr>
<tr>
<td>Practical Record</td>
<td>03 Marks</td>
<td>04</td>
</tr>
<tr>
<td>Viva-voce</td>
<td>03 Marks</td>
<td>04</td>
</tr>
<tr>
<td>Total Marks</td>
<td>18 Marks</td>
<td>24</td>
</tr>
</tbody>
</table>


Note:
1. Problems will be solved by using Scientific Calculators (non-Programmable).
2. Candidates must know about all functions and operations of Scientific Calculator.
3. Each Candidate (Regular/non-Collegiate) has to prepare his/her practical record.
4. Each Candidate has to pass in Practical and Theory examinations separately.

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Jaipur
Economics

<table>
<thead>
<tr>
<th>Scheme</th>
<th>Min. Pass Marks</th>
<th>Max. Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts</td>
<td>72</td>
<td>200</td>
</tr>
<tr>
<td>Science</td>
<td>54</td>
<td>150</td>
</tr>
</tbody>
</table>

Each paper shall be of three hour duration and of 100 marks for Arts students and of 75 marks for Science students.

Paper – I  Introductory Macro Economics

Paper – II  (a) Elements of Statistics and Mathematics
(b) History of Economic Thought

Note: There will be two papers of Economics. Each paper shall consist of three parts. Part A shall contain question No 1 consisting of very short type X (Ten) questions. The candidate is required to answer each question in 20 words. Part B shall contain question No 2 consisting of V (five) questions. The candidate is required to answer each question in 100 words. Part C shall contain three essay type questions (one from each section) with internal choice.

A candidate will be required to attempt five questions in all. All questions of Part A and Part B are compulsory while rest 3 questions are to be attempted from parts C selecting one question from each section. All questions carry equal marks. Each question will carry 20 marks for Arts students and 15 marks for Science students.

---

Paper-I

Introductory Macro Economics

Section-A


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Section-B


Section-C


Recommended Books:

5. Suraj B. Gupta: Monetary Economics, S. Chand and Co. Ltd.

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Paper – II (a) Elements of Statistics and Mathematics

Section – A

Surds, Indices, Quadratic Equation, Logarithms, Permutation and Combination, Binomial Theorem, Arithmetic Progression, Geometric Progression and Harmonic Progression, Analytical Geometry: Straight Line, Parabola and Hyperbola, Matrices and Determinants, Solution of simultaneous equations by Cramer’s rule and Matrix Inverse Method; Differentiation – Simple and Partial (involving two independent variables), Unconstrained and Constrained Maxima and Minima; Simple Integration, Applications in Economics (Elasticity, Average, Marginal concepts)

Section – B

Statistics- definition, nature and importance, Use and relevance of statistical methods, Census and Sample survey, Methods of data collection and tabulation, Diagrammatic and Graphical representation of data; Measures of Central Tendency: Arithmetic Mean, Mode Median Geometric Mean Harmonic Mean. Concept and Measures of Dispersion and Skewness.

Section – C

Simple Correlation; Karl Pearson and Rank Correlation, Regression analysis, Fitting of linear regression lines using Least Square Method, Analysis of Time Series, Determination of trend by straight line trend equation, Index numbers, Interpolation (Binomial Expansion and Newton’s method), Association of Attributes.

(Note: Use of non-programmable calculator is permitted)

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Books Recommended:
2. S.P. Gupta, Statistical Methods, Sultan Chand and Sons, New Delhi.
7. वी. सी. मेहता एवं जी. एम. के. मदनानी, अर्थशास्त्र में प्रारंभिक गणित - तक्षीरनासियण अद्यावाल, अगरारा।
8. कैलाशनाथनागर : साधिकी के मूलतत्व, मोनालीप्रकाशन, मेघर।

Paper – II (b) History of Economic Thought

Section – A


Section – B


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Section – C


Books Recommended:

2. Eric Roll, History of Economic Thought, Faber and Faber (Rupa)
3. Gide and Rist, History of Economic Doctrine

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University of Rajasthan
JAIPUR
B.A./B.Sc. (Pass Course) Part-II Geography Examination

Scheme of Examination

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Min. Pass Marks</th>
<th>Max. Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts/Social Science</td>
<td>72</td>
<td>200</td>
</tr>
<tr>
<td>Science</td>
<td>54</td>
<td>150</td>
</tr>
<tr>
<td>Paper I</td>
<td>Resources Geography</td>
<td>Arts 75</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Science 50</td>
</tr>
<tr>
<td>Paper II</td>
<td>Human Geography</td>
<td>Arts 75</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Science 50</td>
</tr>
<tr>
<td>Practical</td>
<td>18</td>
<td>Arts 50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Science 50</td>
</tr>
</tbody>
</table>

Notes

1. Students are permitted to use the stencils, simple calculator and log tables wherever needed in both theory and practical examinations.

2. There will be a common paper for Arts and Science.

3. Q.1 will be compulsory and will cover the entire course of the paper.

   Q. No. 1 of 20% marks of the maximum marks be set in two parts.

   (a) Part (a) will have ten items for locating on a map (to be supplied by examination centre) carrying 10% marks of the maximum marks and candidates shall attempt any five items.

   (b) Part (b) will have 10 short answer questions carrying 10% marks of the maximum marks and candidates shall attempt any five items.

4. Remaining 9 questions carrying equal marks will be set with three questions from each section of the syllabus.

5. Candidate will attempt 5 questions in all including question No. 1 selecting at least one question from each section.

6. Practical examination will be conducted by the board of examiners.

7. The candidate will have to pass in theory and practical separately.

8. The non-collegiate candidates will have to attend a practical training camp of 48 hours at a college affiliated to the University of Rajasthan, Jaipur notified by the University from time to time in which Geography subject is taught on payment of fee fixed by the University. The candidates appearing at examination from any examination centre located in Jaipur City will attend the practical camp at the University Post Graduate Department on payment of fee fixed by the University. The candidate will procure Certificate of successful completion of practical training camp from the College/Department of Geography and produce the same at the time of practical examinations.

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SYLLABUS

Paper I: Resources Geography

Section A

Nature, scope and significance of resources geography, definition and classification of resources: renewable and non-renewable resources, resource classification of Zimmerman. Natural Resources: Distribution, exploitation, uses and conservation of forest, water, soils, fisheries, mineral resources, energy resources (coal, petroleum, natural gas and non-conventional energy resources).

Section B

Human resources: Population growth, distribution and density, causes of inequalities, population-resources relationship and problems; Agricultural resources: fisheries and cereal crops: rice, wheat, maize and barley; beverages: tea, coffee and tobacco, commercial crops: cotton, rubber, jute, sugarcane, silk and artificial fibres. Agricultural regions of the world.

Section C

Concepts of Resources utilization, their conservation, environmental and cultural constraints in resource utilization, water conservation and rainwater harvesting, soil and forest resources conservation, land capability classes, resources regions of the world, resources regions of the India, economic regions of the India, sustainable development.

Recommended Readings:

गुरुजन, आर.के. एवं जोशी, की.सी. 2013: संसाधन पूर्गोल | पंचशील प्रकाशन, जयपुर।
कौशिक, एस.दी. 2010: संसाधन पूर्गोल। रस्तोगी प्रकाशन, मेठ।
माधुर, बी. 1998: संसाधन पूर्गोल। रस्तोगी प्रकाशन, मेठ।

Paper II: Human Geography

Section A

Definition, aims and scope of human geography, relation of human geography with other social sciences, Principles of human geography, essential facts of human geography

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according to Brunhes and Huntington, schools of man-environment relations: determinism possibilism and neo determinism.

Section B


Section C

Migration of population: causes, types and impact; population regions and population policies in India. Rural settlements: factors affecting development of rural settlement, types and patterns of rural settlements, building materials and house types, urban settlements: process of urbanization, urban problems in India, impact of human activities on environment.

Recommended Readings:

Practicals

Scheme of examination

Min. Pass Marks: 18

Written test
Field survey and viva voce

Max. Marks: 50

Bifurcation of Marks

Time

24
3 hrs.

10+04
2 1/2 hrs.

08+04

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N.B. 1. There shall be 6 questions in written paper selecting at least two questions from each section. Candidates are required to attempt 3 questions selecting 1 question from each section. All question carry equal marks.

Section A

Definition of cartography, types of cartographic symbols and their uses, drawing instruments and materials, classification and representation of data with the help of squares, rectangles, circles, spheres, ring, pyramids, wheel diagrams, traffic flow diagram, isochronic chart.

Section B

Classification and uses of maps, drawing of isopleth, choropleth, chorochromatic, chorschematic and dot maps (simple, multiple and multi colour), measures of central tendency and dispersion: mean, median, mode, quartiles, standard deviation.

Section C


Recommended Readings:

नर्म, जे.पी. 2011: प्रशोधक भूगोल की रूपरेखा। राजस्थान प्रकाशक, जयपुर।

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\[\text{JAIPUR}\]
STATISTICS

Marks Scheme

<table>
<thead>
<tr>
<th>Paper</th>
<th>Nomenclature</th>
<th>Science</th>
<th>Arts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper I</td>
<td>Statistical Inference</td>
<td>50 mark</td>
<td>65 marks</td>
</tr>
<tr>
<td>Paper II</td>
<td>Statistical Applications in Society and Industry</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paper III</td>
<td>Practical based on</td>
<td>50 mark</td>
<td>70 marks</td>
</tr>
<tr>
<td>Paper I,II</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>150</td>
<td>200</td>
</tr>
</tbody>
</table>

Note: In each Question paper, 10 (ten) questions will be set having 2 (two) from each unit. Candidates have to answer five questions in all, taking not more than one from each unit.

Paper I
(Statistical Inference)

Unit-I
Testing Normal Population variance, Test for Goodness of fit; Contingency table & Independence of attributes, Yate's correction. 18 hours

Unit-II

t-Distribution: Definition of Student's-t & Fisher's-t Statistic and derivations of their distributions, Constants, Limiting Property of 't' distribution. Applications—Testing of Single mean: Difference of two means; paired t-test and sample correlation coefficient. F-Distribution: Definition, Derivation, Constants, Application—Testing of equality of two variances. Relationship between t, F and Chi-square Distributions. 18 hours

Unit-III

Theory of Estimation: Point Estimation—Concept and Problem for Point Estimation; Criterion of a good estimator (Unbiasedness, Consistency, Efficiency, Sufficiency). MVUE. Method of moments, Methods of Maximum Likelihood Interval Estimation—Concept, Confidence Interval, Confidence Coefficient, Construction of Confidence Interval for Population Mean, Variance, Difference of Population Means & Ratio of Variances of Normal Distributions. 18 hours

Unit-IV

Testing of Hypothesis: Simple, Composite, Null and Alternative Hypothesis. Types of error, Critical region BCR. Neyman-Pearson's Lemma for BCR. BCR in case of Binomial, Poisson, Normal and Exponential Population. 18 hours

Unit-V

Large sample tests: Testing of single mean, proportion. Testing of difference of means and proportions. Non-Parametric Tests—Definition, Merits & Limitations. Sign test one sample and two sample cases. Run Test. Median test. 18 hours

REFERENCES:

ADDITIONAL REFERENCES:

Subject: Statistics Paper II
(SATISTICAL APPLICATIONS IN SOCIETY AND INDUSTRY
(Also Common with Subject: Applied Statistics)

Unit-I

Unit-II
Economic Statistics: Index numbers-Definition, Applications of index numbers, Price relatives, Quantity & Value relatives, Link and Chain Relatives, Problems involved in computation of index number, Use of averages, Simple aggregative and Weighted average methods Laspeyre's Paasche's and Fisher's index number, Tests for index numbers. Consumer price index. 18 hours

Unit-III
Time Series Analysis: Definition its different components, illus-

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trations, additive and multiplicative models. Different Methods for
determination of trend & seasonal fluctuation along with their merits
& demerits.

18 hours

Unit-IV

Educational Statistics: Methods of standardization of scales and
tests. Z-scores, t-scores Standard scores. Perventile score, Intelli-
gence Quotient and its measurement and uses. Validity of test scores
reliability of scores and their determination.

18 hours

Unit-V

Statistical Quality Control: Concept of SQC, Process control &
Product control. Causes of variation in quality, General theory of
control charts, control limits, sub-grouping, Summary of out-of-control
criteria. Control charts for variables: Construction of Mean and Range
charts Concept of Defects and Defectives. Control Charts for at-
tributes: Construction of np-chart, p-chart, c-chart and their merits
and demerits.

18 hours

REFERENCES:
Prentice Hall of India.
Taraporewala and Sons.
5. Guilford J.P. & Fruchter B.: Fundamental Statistics in Psychology
Sultan Chand and Sons, New Delhi.

ADDITIONAL REFERENCES:
Publishing Co.
Agency.
University of Rajasthan

Subject: Statistics Paper III
Practical Paper

1. Tests of significance based on t, Chi-square, F. Testing of significance of sample correlation coefficient, use of Z transformation.
2. Large sample tests for means and proportions. Tests of goodness of fit and independence of attributes in contingency tables.
3. Non-parametric tests: Sign, Run, Median (for large samples)
5. Construction of Index Numbers by Laspeyre's, Paasche's, Fisher's, Chain Base Indices. Consumer price index.
6. Tests for Index numbers.
7. Determination of trend in a time series and construction of seasonal indices.

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# Applied Statistics

## Marks Scheme

<table>
<thead>
<tr>
<th>Paper</th>
<th>Nomenclature</th>
<th>Marks</th>
<th>No. of hours per week</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper I</td>
<td>Statistical Inference</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td>Paper II</td>
<td>Statistical Applications in</td>
<td>50</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Society and Industry</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paper III</td>
<td>Practical based on Paper I, II</td>
<td>50</td>
<td>4</td>
</tr>
<tr>
<td>Paper III</td>
<td>Practical based on Paper I, II</td>
<td>70</td>
<td>4</td>
</tr>
</tbody>
</table>

**Total**: 150

**200**

**10 hours**

**Notes**: In each Question paper, 10 (ten) questions will be set having 2 (two) from each unit. Candidates have to answer five questions in all, taking not more than one from each unit.

## Subject: Applied Statistics

### Paper I (Statistical Inference)

#### Unit-I

- Sampling from a distribution
- Concept of statistic and its sampling distribution
- Sampling distribution for mean of Binomial, Poisson and Normal Distribution
- Chi-square Distribution
- Definition, MGF, moments, C.G.F., Vode & Skewness and other properties (without...
Applications of Statistical Techniques:

- Testing Normal Population Variance
- Goodness of Fit
- Contingency Table
- Independence of attributes

**Unit-II**

- *t*-Distribution: Definition of Student's -t & Fisher's -t Statistic.
- Property and Applications of -t-distribution for testing:
  - Single mean, difference of two means, observed sample correlation coefficient
  - Paired -t-test.
- F-Distribution: Definition, Mean, Variance & mode.
- Relationship between -t, F and Chi-square Distributions, without proof.

**Unit-III**

- Theory of Estimation: Point Estimation - Problems for Point Estimation;
  - Criterion of a good estimator (Unbiasedness, Consistency, Efficiency, Sufficiency).
  - MVUE.
  - Method of moments.
  - Methods of Maximum likelihood Interval Estimation.
  - Confidence Interval for mean, variance, difference of means and ratio of variances for normal populations.

**Unit-IV**

- Testing of Hypothesis: Simple, Composite, Null and Alternative Hypothesis.
  - Types of error, Critical region, BCR, Neuman-Person's Lemma (statement only) and its application, BCR in case of Binomial, Poisson, and Normal Populations.

**Unit-V**

- Large sample test - Testing of single mean, proportion.
  - Testing of difference of means and proportions.
  - Non-Parametric Tests: Definition, Merits & Limitations.
  - Sign test for one sample and two sample cases, Run Test, Median test.

**REFERENCES:**


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ADDITIONAL REFERENCES:

Subject: Applied Statistics
Paper II
(SATISTICAL APPLICATIONS IN SOCIETY AND INDUSTRY)
Contents are same as that of subject statistics.

PAPER III
Practical Paper
Contents are same as that of subject statistics.
SCHEME OF EXAMINATION:

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Max. Marks</th>
<th>Min. Passing Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts</td>
<td>200</td>
<td>72 (Th. 54 Pr. 18)</td>
</tr>
<tr>
<td>Science</td>
<td>150</td>
<td>54 (Th. 36 Pr. 18)</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Paper</th>
<th>Nomenclature</th>
<th>Duration</th>
<th>Max. Marks</th>
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<tbody>
<tr>
<td>I</td>
<td>Psychopathology</td>
<td>3 Hrs.</td>
<td>75</td>
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<td></td>
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<td>50</td>
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<tr>
<td>II</td>
<td>Psychological Statistics</td>
<td>3 Hrs.</td>
<td>75</td>
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<td></td>
<td>50</td>
</tr>
<tr>
<td>III</td>
<td>Practicals</td>
<td>3 Hrs.</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>50</td>
</tr>
</tbody>
</table>

NOTE:--

1. There will be three papers in Psychology. It will be common for Arts and Science. Each paper will be of 3 hours and would contain the entire course content of the paper.

Section-A will contain 10 questions of 20 words each. Each question will be of 1.5 marks for Arts students and 1 mark for Science students. Thus, Part-A will be of 15 marks for Arts students and of 10 marks for Science students.

Section-B will contain 7 questions of 50 words each, out of which students are required to attempt 5 questions. Each question will be of 3 marks for Arts students and of 2 marks for Science students. Thus, Part-B will be of 15 marks for Arts student and of 10 marks for Science students.

Section-C will contain 3 long questions each with internal choice. Each question will be of 5 marks for Arts students and 4 marks for Science students. Thus, Part-C will be of 15 marks for Arts students and 10 marks for Science students.
For clarification the distribution of marks is tabulated as below:

<table>
<thead>
<tr>
<th>ARTS</th>
<th>No. of Questions</th>
<th>Marks</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>10</td>
<td>1.5</td>
<td>15</td>
</tr>
<tr>
<td>B</td>
<td>5 (Out of 7)</td>
<td>.03</td>
<td>15</td>
</tr>
<tr>
<td>C</td>
<td>3 (with internal choice)</td>
<td>15</td>
<td>45</td>
</tr>
<tr>
<td><strong>Total Marks</strong></td>
<td></td>
<td></td>
<td><strong>75</strong></td>
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</table>

<table>
<thead>
<tr>
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<th>No. of Questions</th>
<th>Marks</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>10</td>
<td>.01</td>
<td>10</td>
</tr>
<tr>
<td>B</td>
<td>5 (Out of 7)</td>
<td>.02</td>
<td>10</td>
</tr>
<tr>
<td>C</td>
<td>3 (with internal choice)</td>
<td>10</td>
<td>30</td>
</tr>
<tr>
<td><strong>Total Marks</strong></td>
<td></td>
<td></td>
<td><strong>50</strong></td>
</tr>
</tbody>
</table>

2. Use of simple calculator will be allowed for statistical portions of all papers.

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Paper-I

Psychopathology

Section-A

1. Introduction: Meaning of Normality and Abnormality, Characteristics of Abnormal Behaviour; Latest ICD and DSM Classification Systems.

2. Psychological Assessment: Clinical Interview; Diagnostic Tests- Intelligence, Neuropsychological, Personality; Behavioural and Bodily Assessment.

3. Symptomatology and Etiology of Abnormal Behaviour: Cognitive, Conative and Affective Symptoms; Biological, Psycho-Social, Socio-Cultural Causes.

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Section-B


5. Somatoform and Mood Disorders: Nature, Clinical Picture and Types of Somatoform Disorders: Conversion Disorder and Hypochondriasis; Mood Disorders: Depression and Bipolar Disorder.

6. Substance-Related Disorders: Substance-Use and Substance-Induced Disorders; Alcohol-Related, Nicotine-Related and Sedative-Hypnotic/Anxiolytics-Related Disorders.

Section-C


9. Mental Health: Meaning and Components; Factors Influencing Mental Health, Measures for Promoting Mental Health.

Books Recommended:


- अरुण कुमार सिंह (2002) आधुनिक असामान्य मनोविज्ञान, दिल्ली, मोतीलाल बनारसीदास
Psychological Statistics

Section-A


3. Measurement of Central Tendency: Purpose and Types; Characteristics and Computation of Mean, Median and Mode.

Section-B

4. Measures of Variability: Concept and Uses; Characteristics and Computation of Range, Quartile Deviation, Average Deviation and Standard Deviation.

5. Correlation: Concept and Types- Pearson's Product Moment Correlation (for Ungrouped Data by Assumed Mean and Actual Mean); Spearman's Rank Order Correlation.

6. Hypothesis Testing and Inferences Making: Population and Sample, Types of Sampling, Standard error of Mean, 't' test (Independent group), Interpretation of 't' values, levels of Significance.

Section-C

7. Non Parametric Tests: Nature and Assumptions of Distribution-free Statistics; Chi-Square; Equal Probability, 2 x 2 Contingency Table; Median Tests.

8. ANOVA: Purpose and Assumptions of ANOVA. One way ANOVA

9. Computer Analysis: Preparation of Data, Uses of SPSS

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Books Recommended:

- कपिल एच.के. : सांख्यिकी के मूलतत्त्व, आगरा, विनोदपुस्तकमंदिर।

Paper-III:

Practicals

1. Assessment of Mental Health.
2. Assessment of State and Trait Anxiety.
5. Assessment of Family Pathology.
6. Word – Association Test
7. Eight-State Questionnaire.
8. Neuropsychological Assessment.
9. Stress: Measurement and Analysis of Group Data (Mean and Median)
10. Stress: Measurement and Analysis of Group Data (t test)

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\text{JAIPUR}\]
26. राजस्थानी

स्कीम: इस परीक्षा में दो प्रश्न पूछेंगे। प्रथम मध्यकालीन राजस्थानी गद्दी, द्वितीय मध्यकालीन राजस्थानी काव्य।

न्यूनतम उत्तरांक 72

अधिकतम अंक 200

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प्रथम प्रश्न पत्र
समय 3 पटे
अधिकतम 100

द्वितीय प्रश्न पत्र
समय 3 पटे
अधिकतम 100

प्रथम प्रश्न पत्र : मध्यकालीन राजस्थानी गद्द
(क) एक प्रश्न व्याख्या से संबंधित। प्रत्येक पुस्तक से एक (तीन व्याख्याएँ) 3×12=36
(ख) तीन पुस्तकों पर एक-एक आलोचनात्मक प्रश्न (कुल तीन प्रश्न) 3×16=48
(ग) एक प्रश्न—मध्यकालीन गद्द विधाओं और साहित्य पर। 1×16=16

पाठ्य पुस्तकें:
1. राजस्थानी वात संग्रह, समापदक मनोहर शर्मा, साहित्य अकादमी, रविवार भवन, नई दिल्ली। इस संग्रह की निम्नलिखित 15 बांटें—
2, 7, 15, 20, 21, 23, 29, 32, 35, 36, 37, 44, 46, 48
2. मारवाड़ रा उमरावां री बालां, संपादक—सीमाध्य सिंह शोभावत।

संदर्भ ग्रंथ:
1. राजस्थानी साहित्य की गौरवपूर्ण परम्परा—अगस्थान गायत्री, राजस्थान प्रकाशन, दिल्ली
2. राजस्थानी वात साहित्य : डॉ. मनोहर शर्मा, राजस्थानी संस्थान, चौपासनी, जोधपुर
3. राजस्थान वात साहित्य : डॉ. पूनम द्वार्मा, राजस्थानी भाषा, साहित्य एवं संस्कृति अकादमी, बीकानेर
4. राजस्थानी गद्द उद्धिध और विकास—डॉ. अचल, सार्वजनिक राजस्थानी रिसर्च इंस्टीट्यूट, बीकानेर।

द्वितीय प्रश्न-पत्र : मध्यकालीन राजस्थानी काव्य
इस प्रश्न पत्र में पाँच प्रश्न होंगे।
(क) प्रत्येक पुस्तक से एक-एक व्याख्या (कुल तीन व्याख्याएँ) 3×12=36
(ख) प्रत्येक पुस्तक पर एक-एक आलोचनात्मक प्रश्न (कुल तीन प्रश्न) 3×16=48
(ग) मध्यकालीन राजस्थानी काव्य विधाओं और साहित्य पर एक प्रश्न 1×16=16

पाठ्यपुस्तकें:
1. हालां झाला है कुप्पलिया—संपादक डॉ. मोतीलाल मेनारिया, राजस्थानी प्रकाशन,
Min. Pass Marks = 72
Paper - I
Paper - II

Max. Marks = 200
Marks = 100
Marks = 100

Note: The paper will contain nine questions having three questions in each section. Candidates are required to attempt five questions in all selecting at least one question from each section.

Paper-I  Introduction to Physical Anthropology

UNIT-I

UNIT-II
Human evolution: Lamarckism, Darwinism.

Human genetics: Mendelian Principles.

UNIT-III

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List of Books:


UNIT-I

Meaning and scope of Archaeological Anthropology. Relationship of Archaeology with other Natural and Social Sciences. Geological time scale: Biological and Archaeological.

UNIT-II

Major stone tool typology and technology in India

(a) Palaeolithic

(b) Mesolithic

(c) Neolithic

UNIT-III

Dating: Absolute (Radio-Carbon, K-Ar. Uranium, Obsidian): Relative (Dendrochronology, Stratigraphy, Pollen Grain)

Study of Indus Valley Civilization.

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B.A. Part - II (Drama) Examination
(Revised Syllabus)

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Paper-I Acting and Speech - Theory
Duration – 3 Hours  Max. Marks–50  Min. Pass Marks-18
I. Chaturdik Abhinaya Sridant of Bharat Muni with reference to:
   a. Angik Abhinaya
   b. Vachik Abhinaya
   c. Satvik Abhinaya (Rasa and Bhava)
II. Acting Style in Commercial Theatre with reference to Parsi Theatre.
III. Applied Acting Techniques and Training
   a. Mime and Movement
   b. Improvisation
IV. Dramatic Speech - Mechanism and Technique :
   a. Voice Mechanism
   b. Speech Defects
   c. Study of meter and rhythm
   d. Punctuation
V. Play production as communion art and its requirement (Group work, stage ethics, etc.)

Books Recommended:
1. Natyashastra–Bharatmuni (Tr. Babu Lal Shastri)
2. Bhartiya Natya Saundarya–Manohar Kale
3. Parsi Theatre–Ranbir Singh
4. Acting is Believing: A Basic Method–Charles McGraw Voce and the Actor – Cicely Berry

Paper-II Dramaturgy - Theory
Duration – 3 Hours  Max. Marks–50  Min. Pass Marks-18
I. Structure of Sanskrit Plays.
II. Selective study of Dasarupak of Dhananjaya
III. Structure of Parsi plays and acting conventions
IV. Detailed study of following plays:
   a. Sanskrit plays
      1. Mrichchhkhattikam
      2. Urubharigam
      3. Abhigyan Shakuntalam
   b. Parsi plays
      1. Yahudi Ki Ladki–Aga Hashra Kashmiri
      2. Veer Abhimanyu–Radhey Shyam Kathavachal
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3. Ramayana—Narayan Prasad Betab
   Modern Indian Plays
   1. Andha Yug
   2. Ashadh Ka Ek Din
   3. Khamosh Adalat Jari Hai

Books Recommended:
1. Natyashastra—Bharatmuni (Tr. Babu Lal Shastri)
2. Dasarupak—Dhananjay (Tr. Govind Trigunayat)
3. Bhartiya Natya Saundarya—Manohar Kale
4. Parsi Hindi Rangmanch—Laxmi Narayan Lal
5. Bhartiya Rangmanch Ka Udbhav Evar Vikas—Dashrath Ojha
6. Natya Samikha—Dashrath Ojha

All the plays prescribed in Ch. IV

[Signature]
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COMPUTER APPLICATION
(Confined for B.A./B.Com./B.Sc.)

Science  Com./Arts

Paper I  Data Base Management System  50  65
Paper II  Structured Programming
          and Computer Graphics
Practical  Programming Laboratory  50  70
On-the-Job training (4 weeks)
The duration of these papers will be 3 hours.

Paper I: Data Base Management System
Relational databases management system. Why to use them and where. Data Description Language. Data Manipulation Language and Data Control Language.
Introduction to DBASE, DBASE commands. Development of an application under DBASE using forms, screens and PRG. files.
Security considerations in database management systems. Performance improvement in databases.

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Design of a database for a business application. Design of data entry forms and report layouts for this database. Creation of programs to access and manipulate database.

Development of a business application in RDBMS.

Paper-II: Structured Programming and Computer Graphics

Various categories of programming language (3GL, 4GL, etc.), introduction to C and COBOL. Program development in C using structured programming concepts.

Why Graphics: Various types of graphics programs. Drafting packages. DTP packages. Microsoft Windows. Various documentation cum DTP packages e.g. Wordperfect, Microsoft Word etc.

Introduction to a Pagemaker/Ventura or a similar package. Preparation of documents using DTP package. Formatting. Various fonts and characters set. Various type of printers used in DTP. Introduction to commercial DTP system available in market. Indian language fonts. Creation of Indian language fonts.

Practical

Development of a business application using C.

Preparation of a document and publishing it using a DTP System. Creation of fonts.

Managing a Microsoft Window session. Creating groups and program items under Window. Turning Windows for a computer system.
3D PHYSICAL EDUCATION

There shall be two theory papers of 60 marks each and a practical examination carrying 80 marks. A candidate must pass in theory and practical exam. separately.

Paper : I Anatomy and physiology of Exercise
Time : 3 hours
Max. Marks : 60
Min. Pass Marks : 22

Unit I : Introduction
(A) Meaning and concept of Anatomy, Physiology and Exercise

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Physiology, its need and importance in Physical Education and Sports.

(B) Definition of cell, tissue, organ and systems. Microscopic structure of cell.

**Unit II : Skeletal and Muscular System**

(A) Elementary knowledge of skeleton system, teridnology of various movements around joints.

(B) Types of muscles (Voluntary, Involuntary and Cardiac) General characteristic (Properties) of Muscles (Elasticity, Contractibility and Irritability).

**Unit III : System**

(A) Brief Introduction and structure of various systems of the body (Cardio-vascular, Respiratory, Digestive, Nervous System)

(B) i. Pumping action of heart
   ii. Mechanism of respiration
   iii. Role of Glands in growth, development and body function.

**Unit IV : Physical Fitness and Training**

(A) Physiological Concept of Physical fitness, training warming up, conditioning and fatigue.

(B) Physiological aspects of development of strength enhance, skill, speed and agility.

**Unit V : Physiology of Exercise**

(i) Effect of exercises on respiratory circulatory muscular system.

(ii) Neuro Muscular Co-ordination

(iii) Second wind, Oxygen dept. and binesthetic sense.

(iv) Stich and Cramps

(v) Obesity and body weight control.

**Books for Reference :**


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8. देशपाण्डे सुंदर: मानव क्रिया विज्ञान: हनुमान व्यायाम मण्डल, अमरावती।

9. सिंह धी.के.: शरीर रचना एवं शरीर क्रिया विज्ञान: दीपक प्रकाशन, जोधपुर।

10. आमरस्त्राण व जैकसन: नसी के लिए शरीर सम्बन्धी ज्ञान: एन.आर. ब्रादर्स, इंदौर।

11. कंवर सैकान चंद: शरीर क्रिया विज्ञान एवं स्वास्थ्य शिक्षा: अमित ब्रादर्स, नागपुर।

12. ध्यानी वी.एस.: शरीर क्रिया विज्ञानिया: चौखंडा आरियास्ट्रोल, जालगिरी।

13. पण्डेय के. और चम्मे श्री.: शरीर क्रिया विज्ञान, हिंदी मा.कों. विदेशालय, दिल्ली।

14. अज्ञेय सिंह और अज्ञेय: शारीरिक शिक्षा स्वास्थ्य एवं खेल की आधुनिक पादय पुस्तक (बी.ए. पार्ट II, III): कल्याणी प्रकाशन, तुळसीनगर।

Paper-II: Managements & Methods of Physical Education
Time: 3 hours Max. Marks: 60 Min. Pass Marks: 22

Unit I: Introduction
1. Meaning and importance of “Teaching-Methods”: Factors to be considered in determining the methods of teaching.
2. Types of Teaching Methods.

Unit II: Organisation
Organisation of Sports and National, State, District and village Level for Educational Institutions, Open Tournaments & Annual Sports Meet

Unit III: Tournaments
Meaning, types of Tournaments, Method of drawing fixtures, Merits and Demerit of various types of Tournaments.

Unit IV: Facilities and Equipments
1. Need and importance of equipments for Physical Education.
2. An ideal list of equipments for Physical Education.
3. Realistic approach in purchases, purchases procedures.
4. Development of improvised equipment and storekeeper.
Unit V: Office Management and Budget.

(a) Maintenance of Records, Filing and Office correspondence.
(b) Physical Education Budget and its preparation, Maintenance of Accounts, Income & Expenditure (Sources).

Books Recommended:
6. कंकर आर.सी.: शारीरिक शिक्षा संगठन एवं प्रशासन, अभियंत्र ब्रदर्स, नागपुर।
7. आशोत्र री.के.: शारीरिक शिक्षा में संगठन, संचालन एवं मनोरंजन, प्रकाश ब्रदर्स, लुधियाना।
8. कमरकर प.के. और श्रीवास्तव प.के.: शारीरिक शिक्षा संगठन, प्रशासन, पर्यवेक्षण एवं सिद्धांत, सुरक्षा प्रक्रिया, अंगभावनी।
9. मोहम्मद राहिम और दीपक प.के.: शारीरिक शिक्षा में शिक्षण साधनों: डाउनलोड रेलवे क्राउसिंग, लखनऊ।
10. पाण्डेय लक्ष्मीकांत: शारीरिक शिक्षा की शिक्षण योजना, मैद्रासेलिन्स बुक कं.प्राक्ति., नई दिल्ली।
11. वैष्णव राजेन्द्र प्रसाद: शारीरिक शिक्षा का संगठन व विधियाँ: श्रीयास पब्लिकेशंस, जयपुर।
12. श्रीवास्तव प.के.: शारीरिक शिक्षा और खेल में संगठन व पर्यवेक्षण, दिल्ली।
13. अमृत सिंह और अन्य: शारीरिक शिक्षा स्वास्थ्य एवं खेलों की आधुनिक पाठ्यपुस्तक (बी.ए. पार्ट I, II, III): कल्याणी पब्लिकेशंस, लुधियाना।
14. बिहार अशोक ठाकुर: शारीरिक शिक्षा सिद्धांत, मनोविज्ञान एवं इतिहास: श्रीयास पब्लिकेशंस, जयपुर।

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Syllabus B.A. Part-II

Practical  Max. Marks 80  Min. Pass Marks 28

The practical examination shall be conducted by a panel of two examiners.

A candidate shall be required to show his/her familiarity (Rules & Techniques) and give performance/demonstration in the following:

1. Athletics (Compulsory)  40 Marks
   (i) Triple-Jump, Pole Vault, Javelin, Hammer and Walking.

2. Any one game of candidates choice from the following:  40 Marks
   (a) Cricket   (b) Hockey   (c) Kho-kho   (d) Yoga

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## 31. INDIAN HERITAGE IN RURAL HANDICRAFTS

<table>
<thead>
<tr>
<th>Scheme</th>
<th>Max. Marks</th>
<th>Min. Pass Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Theory: One Paper 3 hrs.</td>
<td>60</td>
<td>22</td>
</tr>
<tr>
<td>2. Practical</td>
<td>80</td>
<td>28</td>
</tr>
<tr>
<td>3. Submission</td>
<td>60</td>
<td>22</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>200</td>
<td>72</td>
</tr>
</tbody>
</table>

1. Study of tools used in the early period made of:
   (a) Stone  (b) Copper & Bronze  (c) Iron & Steel
2. Machines and power tools-their uses, constructional particulars, operational processes and method maintenance, safety measures to be observed while operating them.
3. Special jigs and props for minimising manual labour and to increase productivity in manufacturing rural handicrafts.
5. Preservation and seasoning auxiliary methods of using different tools-safety precaution to be taken. Simple exercises involving cutting, fixing, fitting, drilling, forging, planning, polishing, etc.

**Paper II (Practical)**

Max. Marks: 80

Min. Pass Marks: 28

(a) Wood work: Preparation of tools preparation of wood, marking and practice in different joints, making small objects like toys, paper weight and solid geometric forms.

(b) Paper machine work: Preparation of toys, dolls, pots, and decorative items.

**Submission Works**

Max. Marks: 60

Min. Pass Marks: 22

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Note (1): Submission work will be submitted to the head of the department of Rural Handicrafts of the college 15 days before the commencement of examination. The marks in the submission will be awarded by the subject teacher (internal). However the external examiner shall be empowered to review the work of submission in case there is a drastic difference between the marks of the examination and submission.

(2) Candidates should pass in theory as well as in practical paper separately.

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