UNIVERSITY OF RAJASTHAN
JAIPUR

SYLLABUS

B.A. Part-III

EXAMINATIONS – 2018
<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of the Subject and Paper</th>
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<tr>
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<td>Scheme of Examination</td>
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<td>32. Physical Education</td>
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University of Rajasthan

SCHEME OF EXAMINATION
B.A. Part III Examination
(Under 10+2+3 Pattern)

R.H (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 Examination, 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.

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<th>No. of Papers</th>
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Dy. Registrar (Acad.)
University of Rajasthan
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**N.B.**
1. Candidates must pass separately in each of the paper Theory and Practical, Wherever prescribed.
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.
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.

SECTION A

The following poems from String of Gold part III edited by Jasbir Jain (Macmillan):

Tennyson: Ulysses
R. Browning: My Last Duchess
M. Arnold: Dover Beach
G.M. Hopkins: The Sea and the Skylark
W.B. Yeats: A Prayer for my Daughter
T.S. Eliot: Preludes

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SECTION B

The following poems from *Texts and Their Worlds* Edited by Anna Kurian.

Kalidas, Bhavabhuti, Bhartrahari: Is Poetry Always Worthy when its Old?
Syed Amanuddin: Don’t Call Me Indo-Anglian
R. Parthasarathy: From Homecoming
Agyeya: Hiroshima
M. Gopalkrishna Adiga: Do Something, Brother
Eunice D Souza: Women in Dutch Painting
O.N.V. Kurup: Earthen Pots
A. Jayaprabha: Stares
Daya Pawar: Oh Great Poet
Sitakant Mahapatra: The Election

SECTION C

Grish Karnad: *Tughlaq*
Eugene O’Neill *The Hairy Ape*

Paper II: Prose and Fiction

Maximum Marks: 100

Duration: 3 hrs
Min. Pass Marks: 36

Candidate will be required to answer five (5) Essay type Questions of 20 marks each, choosing at least one question from each section, out of 10 essay type questions.

SECTION A

The following short stories from *Texts and Their Worlds* edited by Anna Kurian.

Foundation Books, 2005:

Munshi Premchand: The Shroud
Ismat Chughtai: Roots
V.M. Basheer: Birthday
Shashi Deshpande: My Beloved Charioteer
Ambai: A Kitchen in the Corner of House

SECTION B

Charlotte Bronte: Jane Eyre

SECTION C

1. A Short Passage of about 10 simple sentences to be translated from Hindi to English.
2. Editing a short text (Grammaticality, Logicality, Coherence)

Recommended Reading:
Vandana R. Singh. The Written Word (O.U.P.)
1. अयोध्या सिंह उपाध्याय हरींधि
   प्रिय प्रवास — सर्ग 6 प्रथम 40 छंद

2. मैथिलीशरण गुप्त
   साकेत — नवम सर्ग
   1. वेदने तू भी बली बनी ........ पाउँ प्राण धनी
   2. निरंक्षी सच्ची ये खोजन आये ........ अश्रु सूखा कर लाये
   3. किरस संग अभिमार भी ........... और एक संसार भी
   4. दोनों और प्रेम पलता है ........... मुझे यहीं खलता है।
   5. आ आ मेरी निदिया गुंगी........ में नौछावर हूँ जो
   6. कहती मैं, बातिक फिर बोल .............. उर के कल-कल्लोल
   7. सखि निरंक्षी नदी की धार ............. आगे नयी सहानी
   यशोधरा
   1. सखि, वे मुझे कहकर जाते
   2. अब कठोर हो बजादियो ओ कुमुमादियो चुकुमारी
   3. हे मन आज परीशा तेरी

3. जयांकर प्रसाद
   कामायनी — शेखासर्ग — प्रथम 20 छंद
   आंसू — से—रोकर सिसक—सिसक कर कहता.............. कुछ सच्चा सच्चा बना था

4. सुभित्रनन्दन पंत
   1. प्रथम दशम
   2. मौन निमन्त्रण
   3. दुख झारे

5. अनर्य
   1. बाबरा अहेशी
   2. भीतर जागा दाता
   3. लौप
   4. यह दीप अकेला

6. मुनितबध
   1. जन जन का चेहरा एक
   2. दूर—तारा
   3. खौल आंखें

7. धूमिल
   1. प्रीढ शिक्षा
   2. मोहीराम
8. दुष्क्षत
1. इस नदी की धार में ठंडी हवा आती है, नाव जरूर ही सही, लहरों में टकराती है।
2. खंडहर बचे हुए हैं, हमारे नहीं रही, अच्छा हुआ कि सर पे कोई छत नहीं रही।
3. परिस्थितियों अब भी पर तोले हुए हैं, हवा में सनसनी गिरे हुए हैं।
4. एक कबूतर, चिट्ठी लेकर, पहली-पहली बार उठा, मोसम एक गुलेल लिये था पट से नीचे आन गिरा।
5. एक गुड़िया की कई कलपनायों में जान है, आज शायर, ये तमाशा देखकर हैरान है।
6. होने लगी है जिसमें जुबिली तो देखिए, परंतु परिस्थितियों की कोशिश को देखिए।
7. अब किसी को भी नजर आती नहीं कोई दरार, घर की हर दीवार पर चिपके हैं इतने इततहार।
8. हो गई है पीर पर्वत—सी फिरलनी चाहिए, इस हिमालय से कोई गंगा निकलनी चाहिए।
9. बाढ़ की संभावनाएँ सामने हैं, और नदियों के किनारे घर बने हैं।

खण्ड — 'ब'

आधुनिक हिंदी कविता की प्रमुख प्रवृत्तियाँ — राष्ट्रीय काव्यधारा, छायावाद, प्रगतिवाद, प्रयोगवाद और नई कविता

अंक विभाजन

खण्ड — 'अ'

कुल चार व्याख्याएं (एक कवि से केवल एक व्याख्या) (आंतरिक विकल्प देय) 4 x 10 = 40 अंक
कुल तीन निर्देशात्मक प्रश्न — एक कवि से संबंधित एक ही प्रश्न (आंतरिक विकल्प देय)
3 x 15 = 45 अंक

खण्ड — 'ब' में से एक प्रश्न आंतरिक विकल्प देय 15 अंक
क – निबंध

1. बालकृष्ण भट्ट – साहित्य जन समूह के हृदय का विकास है
2. रामचन्द्र शुक्ल – क्रोध
3. हजारी प्रसाद द्विवेदी – भारतीय साहित्य की प्रारंभिकता
4. नंद दुलारे वाजपेयी – छायावाद
5. रामबिलास शर्मा – संत साहित्य की ऐतिहासिक भूमिका
6. विद्यानिवास मिश्र – मेरे राम का मुकुट भीग रहा है
7. कुबेर नाथ राय – महुर-महुर रसराज
8. हरिशंकर परसाई – पहिला सफेद बाल
9. निर्मल वर्मा – साहित्य में प्रासंगिकता का प्रश्न

ख – काव्य शास्त्र

1. अलंकार – परिमाण तथा महत्व
   अनुप्रास, यमक, रसेष, उपमा, रूपक, उत्प्रेक्षा, विमानवाण, अपनहुति
2. छंद – परिमाण तथा महत्व
   दोहा, चौपाई, छप्पय, रोला, मालिनी, शिखरणी, दुतविलमित, हरिगीतिका
3. रस – परिमाण, रस के अवयव और रस सिद्धान्त
4. गुण – माधुर्य, ओज, प्रसाद
5. शब्द शक्ति – अभिधा, लक्षण, ध्वनिज्ञान

अंक विभाजन

कुल चार व्याख्याएं – एक निबंध से एक व्याख्या (आंतरिक विकल्प देय) 10 x 4 = 40 अंक
dो आलोचनात्मक प्रश्न – निबंध से संबंधित (आंतरिक विकल्प देय) 15 x 2 = 30 अंक
खण्ड ‘स’ में से एक प्रश्न रस और अलंकार से संबंधित (आंतरिक विकल्प देय) 15 अंक
खण्ड ‘स’ में से छंद, गुण, शब्द शक्ति पर टिपणी (आंतरिक विकल्प देय) 7½ x 2 15 अंक

Dy. Registrar (Acad.)
University of Rajasthan
ALIPUR
3. B.A. Part-III Urdu —
Paper-I (Jadeed Asnafe Adab)

<table>
<thead>
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<th>M.M. : 100</th>
<th>3 Hrs.</th>
<th>Min. Pass Marks 36</th>
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<td>7. Khaka</td>
<td>8. Inshaiya</td>
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Division of Marks:

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<th>Question</th>
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<tr>
<td>Unit I</td>
<td>Ten short answer type question.</td>
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<tr>
<td>Unit II</td>
<td>Question on Nazam Nigari</td>
</tr>
<tr>
<td>Unit III</td>
<td>Question on Perody &amp; Report Taaz Nigari.</td>
</tr>
<tr>
<td>Unit IV</td>
<td>Question on Khaka &amp; Inshaiya</td>
</tr>
<tr>
<td>Unit V</td>
<td>Question on Khutoot Nigari &amp; Savaneh Nigari</td>
</tr>
</tbody>
</table>

Total 100

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

Books Recommended:
1. Jadeed Urdu Nazm Aur Europi Asrat-By Hamidi Kashmiri
2. Urdu Khake Nigar-By Dr. Sabira Sayeed
3. Urdu Inshaiya-By Dr. Mohd. Hasnain
4. Nai Nazm Ka Safar-By Dr. K. Azmi
5. Urdu Inshayye-By Anwar Sadeed
6. Adab Ka Mutaliya-By Dr. Athar Parveez

Paper-II
(History, Essay and Translation)

<table>
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<th>M.M. : 100</th>
<th>3 Hrs. Duration</th>
<th>Min. Pass Marks 36</th>
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<tr>
<td>1. Urdu Adab Ka Aaghaz-o-Irtiqa up to 1957.</td>
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<td>2. Fort William College Ki Adabi Khidmat.</td>
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<tr>
<td>3. Sir Syed Tehreek</td>
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<tr>
<td>4. Dabistan-e-Delhi</td>
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<tr>
<td>5. Dabistan-e-Lucknow</td>
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Books Prescribed for translation from Persian to Urdu:
1. Gulha-e-Farsi Published- By Kitabistan, 30 Chak Road, Allahabad.

Division of Marks:

<table>
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<th>Unit</th>
<th>Question</th>
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<tr>
<td>Unit I</td>
<td>Ten Short Answer type question.</td>
</tr>
<tr>
<td>Unit II</td>
<td>Essay on a literary topic.</td>
</tr>
<tr>
<td>Unit III</td>
<td>Translation from English, Hindi &amp; Persian into Urdu</td>
</tr>
<tr>
<td>Unit IV</td>
<td>Urdu Adab Ka Aghaz-o-Irtiqa Dabistan-e-Delhi &amp; Dabistan-e-Lucknow.</td>
</tr>
<tr>
<td>Unit V</td>
<td>Question on Sir syed Tehreek, Fort William College</td>
</tr>
</tbody>
</table>

Total 100

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

Books Recommended:
1. Dacani Adab Ki Taeekh by Dr. Zor
2. Urdu Adab Ki Ek Sadi-By Dr. Syed Abdullah
3. Delhi Ka Dabistane Shairi-By Noorul Hasn Hashmi
4. Luknow Ka Dabistane Shairi-by Abdulla Siddiqi
5. Sir Sayed Aur Aligah Tehreek-by Khaleeq Nizami
6. Fort William College Ki Adabi Khidmat-by Ubeda Begum
Persian –
Prose & Poetry
Paper-I

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

Book Prescribed

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

Porse Section

The following prose section is prescribed

Intekhab Mrzaban Namah – Marzaban Rustam Bin Sharveen

I. Dastan Barzeegar Bamar
II. Dastan Ahoo-wa-Moosh-wa-Uqab
III. Dastan Mard Tamaba-Nokhara Nokhara
IV. Dastan Ahangar-b-Mard Musafir
V. Dastan Bazangan-Ba-Dost Dana
VI. Dastan Dahqan-Ba-Pisr-e-Khud

2. Nisab-e-Farsi (Brae_B-A-Sal-e-Suwwum) Published by Aligarh Muslim University, Aligarh.

Chahar Maqala Nizami Uruzi

Poetry Section

The following poetry sections are prescribed:

1. Nisab-e-Farsi (Brae-B-A.Sal Suwwum)

I. Shahnama Firdausi Bazgashtan-Ba-Jang-e-Asfandyar
   Gazliyat
   Farrukhi Yazdi
   Fidae-Sauz-e-Dil
   Pazman
   Maham-Shakista-Khatir
   Manzoomat
   Parveen Etasami
   (a) Saped-o-Siyah (b) Asaish-e-Buzargan

2. Nisabe-Jadeed Farsi (Hissa Nasra Wa Nazam)
Published by Jayyed Press, Delhi.

I. Rubaiyat-e-Umarkhayyam (21 to 30)
   Qasida Urfi
   E-Mtaa Dard Dar Bazaar (Page 115, to 116)

**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**

**Book Recommended**

1. Tareekh-e-Adabiyate Iran By Raza Zada Shafaq (Urdu Translation)
2. Sanadeed-e-Ajam By Mehdi Hasan Nasri
3. Tareekh-e-Adab-e-Farsi By Shareef Husain Qasami
4. Persian Language Teaching Elementary Course Vol. I to IV
5. Farhang-e-Asifiya

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

History of Persian Literature and Translation

Paper-II

M.M: 100

3 Hrs.

Min. Pass Marks 36

Book Prescribed

1. Tarikh-e-Adabiyat-Iran By Raza Zada Sahfaq (Urdu Edition/Translated)


Division of Marks:

Question Based Upon the following Topics:

Unit-1 (A) Short Answer type Question 10 out of 15 all the full syllabus based. 10

(B) Elkhani Period:

(i) Tarikh-e-Jahankusha (ii) Jamu-ul-Tawarikh

(iii) Tarikh-e-Wassaaf (v) Tarikh-e-Gazidah

Unit-2 Critical Study of following writers & Poets of the 14th Century 20

(i) Rumi (ii) Sadi (iii) Khwaja Nasiruddin tusi

Unit-3 The Temurid Period 20

(i) Hafiz & his Contemporaries (ii) Jami and His Works

(iii) Critical Study of Obed Zakarias Satarist

The Safawi Period

(i) Historical & Political Importance of the Safawi Dynasty

(ii) Study of the poetry of Mohatsham Kashani The Qajar Period

(iii) A Detailed Critical Study of Mirza Ihabeeb Quani

Unit-4 Short Note on the following Important Histories, Memories & Biographic of Qachar Periods. 20

(i) Nasik-ut-Tawareekh (ii) Riyazul Arfeen wa-Majmaussala

(ii) Tarikh Muntazim Nasri (iv) Nama-e-Danishwaraan

Unit-5 Translation of Five Urdu Sentences into Persian 10

Total 100

Note: Unit-1 Both A and B Questions are compulsory.
भी.ए. संस्कृत तृतीय वर्ष (2018)

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, परन्तु प्रश्नपत्र केवल हिंदी में बनाया जायेगा। परीक्षार्थियों को छूट होगी कि वह हिंदी,संस्कृत अथवा अंग्रेजी में किसी एक भाषा में उत्तर दे सके। यदि परीक्षक 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 प्रश्न में से अनुवाद, व्याख्या, सरलार्थ एवं समालोचनात्मक प्रश्न पूछ जाएंगे।
6. प्रत्येक प्रश्नपत्र में 10 प्रश्न विषय के अंक संस्कृत भाषा में उत्तर के लिए निर्धारित हैं।
7. प्रत्येक प्रश्नपत्र में दो भाग होंगे, जिसमें प्रथम ‘अ’ भाग लघूत्रात्मक प्रश्नों का होगा।‘ब’ भाग में निबन्धात्मक प्रश्न होंगे।‘अ’ भाग में कुल 15 प्रश्न होंगे, जिनका पूर्णांक 30 होगा।

प्रथम प्रश्न—पत्र : भारतीय दर्शन एवं व्याकरण

1. श्रीमद्भगवद्गीता – (2,3,4 अध्याय) 30 अंक
2. तर्कसंग्रह 30 अंक
3. तिड्डन्त—लघुसिद्धान्तकौमुदी के आधार पर ‘भू’, एवं एथु धातु की लद्द लोद्द, लूद्द, लड्ड एवं विशेषात्मक इन पांच लक्षणों में एवं समान गणों की प्रथम धातुओं की लद्द लक्षण में रूपसिद्धि एवं सूत्रों की सोदाहरण व्याख्या 40 अंक

कुल योग 100 अंक

अंकों का विभाजन

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<th>क्र.सं.</th>
<th>पाद्यवस्तु</th>
<th>‘अ’ भाग प्रश्न संख्या</th>
<th>अंक</th>
<th>‘ब’ भाग प्रश्न संख्या</th>
<th>अंक</th>
<th>अंकों का योग</th>
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<td>लघूत्रात्मक 02</td>
<td>04</td>
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<td>लघूत्रात्मक 03</td>
<td>06</td>
<td>02</td>
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<td>3.</td>
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<td>लघूत्रात्मक 10</td>
<td>20</td>
<td>02</td>
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<td>कुल योग</td>
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प्रश्नपत्र निर्माता के लिए निदेश

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<th>श्रीमदभगवद् गीता</th>
<th>'अ' भाग</th>
<th>2 लघूतरात्मक प्रश्न प्रति प्रश्न 2 अंक</th>
<th>'ब' भाग</th>
<th>4 प्रश्नों में से 2 की सहसंग व्याख्या (एक व्याख्या संस्कृत में) अपेक्षित है।</th>
<th>20 अंक</th>
<th>2 प्रश्नों में से एक प्रश्न प्रश्न प्रश्न है।</th>
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<td>3 लघूतरात्मक प्रश्न प्रति प्रश्न 2 अंक</td>
<td>'ब' भाग</td>
<td>4 प्रश्नों में से 2 की व्याख्या (एक व्याख्या संस्कृत में) अपेक्षित है।</td>
<td>18 अंक</td>
<td>2 प्रश्नों में से एक प्रश्न प्रश्न प्रश्न है।</td>
<td>06 अंक</td>
</tr>
<tr>
<td>3</td>
<td>व्याकरण तिथिन्त</td>
<td>'अ' भाग</td>
<td>10 लघूतरात्मक प्रश्न प्रति प्रश्न 2 अंक</td>
<td>'ब' भाग</td>
<td>10 सूत्र पूछकर किन्हीं 5 की सौदाहरण व्याख्या अपेक्षित है। प्रति व्याख्या 2 अंक निर्धारित।</td>
<td>10 अंक</td>
<td>10 शब्द सिद्धि पूछकर किन्हीं 5 शब्दों की सूत्र निर्देशपूर्वक सिद्धि। प्रत्येक सिद्धि हेतु 2 अंक</td>
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कुल अंक योग

100 अंक

सहायक पुस्तकों

(क) तर्कसंग्रह — अथल्यं एवं कोडास, पूणा
तर्कसंग्रह — चौंखार प्रकाशन, वाराणसी
तर्कसंग्रह — डॉ. रामराम चौहान, अर्जुकार प्रकाशन, जयपुर

(ख) गीता
भगवदगीता— गीताप्रेस, गोरखपुर
भगवदगीता, विनोद पुस्तक मिंडर, आगरा
गीता रहस्य—तिलक
भगवदगीता 2.3,4 अध्याय, डॉ. सिवसागर त्रिपाठी
श्रीमदभगवदगीता (2.3,4 अध्याय)— व्या, डॉ. राजेन्द्रप्रसाद शर्मा, जगदीश संस्कृत पुस्तकालय, जयपुर

(घ) व्याकरण

1. लघुसिद्धान्त कौमुदी—तिथिन्त प्रकाशन—डॉ. पुष्कर दत्त शर्मा, अजमेरा बुक कम्पनी, जयपुर
2. लघुसिद्धान्त कौमुदी—पं. श्री हरेकान्त मिश्र, भारतीय विद्या प्रकाशन, दिल्ली
3. पाणिनीय व्याकरण का अनुशीलन आर एस भट्टाचार्य, इंडोलिजिकल बुक हाउस, बनारस
4. लघुसिद्धान्त कौमुदी—हिंदी व्याख्या, डॉ. अर्कनाथ चौधरी, आयुर्वेद हिंदी संस्कृत पुस्तक भंडार, जयपुर
5. लघुसिद्धान्त कौमुदी—रीवलेस प्राचीन साहित्य, विश्वभारती, अंतरराष्ट्रीय प्रकाशन, जयपुर
6. लघुसिद्धान्त कौमुदी—महाशिवराम महापाल, चौड़खम्ब संस्कृत प्रतिष्ठान दिल्ली।
7. लघुसिद्धान्त कौमुदी—राजनीति प्रकरण, डॉ. रामबाबू वेरालिकर, अंतरराष्ट्रीय प्रकाशन, जयपुर
8. तरंगसंग्रह—योगविज्ञान डॉ. दयानंद भार्गव, मोटीलाल बनारसीदास, नई दिल्ली

द्वितीय प्रश्नपत्र—काव्य, धर्मशास्त्र, एवं निबंध

समय : 3 घण्टे

प्रत्येक प्रश्न पत्र के दो भाग होंगे, जिसमें 'अ' भाग बहुविभाजित (बस्तुनिष्ठ) एवं लघूतर प्रश्नों का होगा। 'ब' भाग में निबंधात्मक प्रश्न होंगे। 'अ' भाग में कुल 15 प्रश्न होंगे, जिनका पूर्णांक 30 अंकों का होगा। इनके समाधान हेतु एक घण्टा की अवधि निर्धारित की गई है। 'ब' भाग का पूर्णांक 70 अंकों का होगा, जिसके लिये शेष दो घण्टे की अवधि निर्धारित है।

पाठ्यक्रम

1. रघुवंशम्—छठा शर्म (हिंदुमति स्वयंवर)
2. महाभारत (व्यास)—उद्दीपण पर्व, विदुर्नीति (34–35 अध्याय)
3. रामायण (वालीको) बालकाण्ड, प्रथम सर्ग
4. कृष्णावतार, नामकृति प्रकरण, पं. महाकवि ऋषि
5. निबंधरचना—संक्षेप में

कुल योग

अंक—विभाजन

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कुल योग 15 30 09 70 100

प्रश्नपत्र निर्माता के लिए निर्देश

(स्पेस्टेटिस लेखाफल के साथ)
| 1. सधृंख्य चठा संग्रह (निर्दिष्ट स्वयंवर) | 'अ' भाग | 4 लघूतरात्मक प्रश्न प्रति प्रश्न 2 | 08 अंक
| 'ब' भाग | 2 स्लोकों में से 1 की सप्तसंग व्याख्या | 06 अंक
| 2 प्रश्नों में से एक प्रश्न प्रश्न है। | 06 अंक
| 2 महाभारत विद्वार 'अ' भाग की नीति | 'ब' भाग | 4 लघूतरात्मक प्रश्न प्रति प्रश्न 2 | 08 अंक
| 2 स्लोक पूःशक्कर उनमें से किसी 1 की सप्तसंग व्याख्या | 06 अंक
| 2 स्लोक पूःशक्कर उनमें से किसी 1 का उत्तर अपेक्षित। | 06 अंक
| 3 रामायण | 'अ' भाग | 4 लघूतरात्मक प्रश्न प्रति प्रश्न 2 | 08 अंक
| 'ब' भाग | 2 स्लोक पूःशक्कर उनमें से किसी 1 की सप्तसंग व्याख्या | 06 अंक
| 2 प्रश्न पूःशक्कर उनमें से किसी 1 का उत्तर अपेक्षित। | 06 अंक
| 4 इत्तरविजय | 'अ' भाग | 03 लघूतरात्मक प्रश्न प्रति प्रश्न 2 | 06 अंक
| 'ब' भाग | 2 स्लोक पूःशक्कर उनमें से किसी 1 की सप्तसंग व्याख्या | 06 अंक
| 2 प्रश्न पूःशक्कर उनमें से किसी 1 का उत्तर अपेक्षित। | 08 अंक
| 5 निबंध | 'ब' भाग | 4 विषय देकर उनमें से किसी 1 विषय पर संस्कृत में निबंध लेखन | 20
| कुल अंक योग | 100 अंक

सहायक पुस्तकें—
रघुवंशम् —
1. रघुवंश—कालिदास, चौखंडा संस्कृत प्रतिष्ठान, दिल्ली।

महाभारत—विद्वार नीति
1. विद्वारनीति— स्म. कृष्णकान्त शुक्ल, साहित्य भंडार, मेरठ।
2. विद्वारनीति— श्री रेवतीराम शास्त्री, यूनिक टेक्स्ड जयपुर।

रामायण
1. रामायण—वाल्मीकिक्कु— गोरखपुर।
2. रामायण—वाल्मीकिक्कु— के. सी. पशु, निर्माणसागर प्रेस, मुंबई।
3. रामायणकालीन भारत— व्यास एवं पांडेय, आत्माराम एंड संस, दिल्ली।
4. लेखवर्स ऑफ रामायण— मद्रास साहित्य अकादमी, मद्रास।
इन्द्रविजय

1. इन्द्रविजय-व्याख्याकार पं. रामप्रपन्न शर्मा, प्रकाशन जगदीश संस्कृत पुस्तकालय, जयपुर
2. इन्द्रविजय-डॉ. श्रीकृष्ण ओझा, राजप्रकाशन मंदिर, वोडा रास्ता, जयपुर

निबंध रचना

1. प्रबंध स्तनाकर, श्री आर सी शुक्ल
2. प्रसाव तरुणी-श्रीवासुदेव शास्त्री
3. संस्कृत निबन्धस्तनाकर-शिवसाहस्र भारद्वाज
4. संस्कृत निबन्धकथित, डॉ. रामजी उपाध्याय
5. संस्कृत निबन्धादर्श डॉ. राममूर्ति शर्मा
6. संस्कृत निबन्ध एवं व्याकरण - पं. चण्डीप्रसाद
7. निबन्ध-चन्द्रका-कृष्णदेव उपाध्याय, चौथम्बा संस्कृत प्रतिभान, दिल्ली
8. निबन्ध-निवेश-रामाकांड शास्त्री, चौथम्बा विद्यामूर्ति, वाराणसी
9. निबन्ध शतकम्, कौपिलेक्ष्ण द्विवेशी, चौथम्बा विद्यामूर्ति, वाराणसी
10. निबन्धमंजरी, डॉ. राममूर्ति आचार्य आगरा प्रकाशन, दिल्ली
11. निबन्ध आचार्य, म.म. श्री गणितशास्त्री शर्मा चतुर्ब्रद्धी, चौथम्बा संस्कृत प्रतिभान, दिल्ली
12. संस्कृत निबन्ध रचना, डॉ. श्रीकृष्ण ओझा, राज प्रकाशन मंदिर, जयपुर
13. संस्कृत निबन्ध पारिजात, डॉ. दुभाष वेदांलकर, अलंकार प्रकाशन
14. संस्कृत निबन्ध, डॉ. नन्दकिशोर गोतम एवं श्रीकृष्ण बिहारी भारतीय

अथवा

द्वितीय प्रश्नपत्र 'ब' - भारतीय ज्योतिष, तिथि निर्णय एवं पंचांग परिचय

समय : 3घण्टे

अंक-100

इस प्रश्न पत्र के दो भाग होंगे, जिसमें 'अ' भाग बहुविद्वयती (वस्तुनिष्ठ) एवं लघुतर प्रश्नों का होगा। 'ब' भाग में निवन्धालमक प्रश्न होंगे। 'अ' भाग में कुल 15 प्रश्न होंगे, जिनका पूर्णक 30 अंक और का होगा। इनके समाधान हेतु एक घण्टा की अवधि निर्धारित की गई है। 'ब' भाग का पूर्णक 70 अंक का होगा, जिसके लिये शेष दो घण्टे की अवधि निर्धारित है। 10 अंक संस्कृत भाषा के माध्यम से उत्तर देने के लिए निर्धारित है।

पादयक्रम

1- भारतीय ज्योतिष के प्रारम्भिक सिद्धांत के परिचालन

(क) श्रीस्वर्ग (काशिनाथ देवः) - प्रथम प्रकाश (लतापाठादि दस दोष रहित)

(ख) कलिग्रंथ रावणाकर (विनोद शास्त्री)

70 अंक

30 अंक

40 अंक

2- तिथि-निर्णय के सामान्य सिद्धान्त, प्रमुख प्रतियोगी तथा पंचांग का समान्य परिचय - काल के उद्ध: बेद, वर्ध के पांच बेद, अयुत, ऊँचु, मास, दिन, तिथि, श्राप, वृहद, संक्रान्ति निर्णय, दनांधि, अभिकास-श्रायमास में व्यक्तित्व, मलमलास, काम के बेद एवं निर्णय, प्रदेशप्रवत्त, जनमास्तमी, गणेशचतुर्थी, राघवन्री, नरसख्यान, महात्मा (श्री), दीपावली, होलिका आदि का समान्य ज्ञान अपेक्षित है। पंचांग परिवर्त जिथे त्यार, नाटक, बार, योग, करण का ज्ञान तथा पंचांग का सहायता से गुण मिलान, विवाह मुहूर्त निर्णय, गृहारम्भ, ग्रहप्रवेश आदि जानने की रीति का ज्ञान अपेक्षित है।
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प्रश्नपत्र निर्माता के लिए निर्देश—

1. भारतीय ज्योतिष (क) शीघ्रबोध
   5 लघूतरात्मक प्रश्न प्रति प्रश्न 2 अंक।
   4 निबन्धताक प्रश्न पूछकर 2 प्रश्नों के उत्तर अभीष्ट — प्रश्न 10 अंक निर्धारित
   10 अंक

2. तिथि—निर्णय व पंचांग परिचय
   6 लघूतरात्मक प्रश्न प्रति प्रश्न 2 अंक।
   4 निबन्धताक प्रश्न पूछकर 2 प्रश्नों के उत्तर अभीष्ट — प्रश्न 16 अंक निर्धारित
   12 अंक

सहायक पुस्तकें—

1. शीघ्रबोध — पं. काशीनाथ देवज, चौधर्म स्वराज, वाराणसी
2. फलित प्रबोधनी—डॉ. विनोद शास्त्री, राजस्थान ज्योतिष परिषद एवं शोध संस्थान, जयपुर
3. तिथि—निर्णय के प्रमुख सिद्धांत एवं विशिष्ट तिथि पर्व निर्णय प्रकाशक—राजस्थान ज्योतिष परिषद एवं शोध संस्थान, त्रिपोलिया, जयपुर
4. पंचांग का सामान्य परिचय, पं. शिवचरण शास्त्री एवं विकास शर्मा, प्रकाशक—राजस्थान ज्योतिष परिषद एवं शोध संस्थान, त्रिपोलिया, जयपुर
5. विभिन्न प्रकाशित पंचांगों की सहायता भी ग्राह्य है, जिसमें जयपुर पंचांग पं. दामोदर शर्मा कृत ग्राह्य है।

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Scheme:

<table>
<thead>
<tr>
<th>Scheme</th>
<th>Min. Pass Marks</th>
<th>Max. Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Two Papers</td>
<td>72</td>
<td>200</td>
</tr>
<tr>
<td>Paper I</td>
<td>3 hrs. duration</td>
<td>100</td>
</tr>
<tr>
<td>Paper II</td>
<td>3 hrs. duration</td>
<td>100</td>
</tr>
</tbody>
</table>

General Instructions:

(1) The candidates shall opt for any two of the five electives. There shall be two question papers: Paper I and Paper II, corresponding to the electives opted by the candidate.

(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: Philosophy of Religion

Unit A:
1. Philosophy of religion: nature and concern, the concept of Dharma.
2. Religion without God, atheism, theism, deism, pantheism.
3. Reason, faith and revelation.
4. Religion and morality.

Unit B:
1. Attributes of God: omniscience, omnipotence, omnipresence, eternity, goodness.
2. Problem of evil.
3. Proofs for the existence of God: Indian and Western.

Unit C:
1. Prayer and bhakti.
2. Immortality of the soul, transmigration and the doctrine of karma.
4. Religious pluralism and the problem of absolute truth.
Suggested Readings:
John Hick : Philosophy of Religion (Hindi Translation available).
John Hick(Ed) : Classical and Contemporary Readings in Philosophy of Religion
Harendra Prasad Sinha : धर्मदर्शन की लुप्तें, गोतीलाल बनासीदास, नई दिल्ली
Yaqub Masih : Religious Philosophy (Hindi edition available)
H.N. Mishra : धर्मदर्शन का परिचय
V.P. Verma : धर्मदर्शन की मूल समस्यायें
L.N. Sharma : धर्मदर्शन

Paper II: Plato
Prescribed Reading: The Republic, Plato

Suggested Readings:
Dr. Zakir Hussain : रिपब्लिक का हिंदी अनुवाद
R.S. Bhatnagar : नागरिक (रिपब्लिक का हिंदी अनुवाद)

Paper III: Samkhya Yoga

Unit A:
1. Isvarkrsna's Samkhya Karika with Vaschaspati Mishra's commentary Samkhya Tattva Kaumudi.

Unit B:
1. Patanjali Yoga Sutra, Pada. 1
2. Pada 2
3. Pada 3 (sutras 1 to 3 only)

Books Prescribed:
: Isvarkrsna, Samkhya Karika with Vaschaspati Mishra's Commentary Samkhya Tattva Kaumudi (Hindi translation available). Translation into English by Ganga Nath Jha, revised edition by M.M. Patkar, Oriental Series, Pune

Paper IV: Logic (Indian)

Unit: A
1. Theories of inference in Nyaya: definition- constituents- process and types of anumana, Parramarsa, Vyapti, Types of Vyapti & Vyaptigrahopaya, Major Hetvabhasa.
Unit: B

1. Theories of inference in Buddhism: definition- constituents and types of anumana, Vyapti & types of Vyapti

2. Theories of inference in Jainism: definition- constituents and types of anumana, Vyapti.

Suggested Readings:

- Annambhatta : Tarkasangraha
- Dharmakirti : Nyayabindu.
- Yasovijaya : Jaina Tarka Bhasa.
- S.S. Barlingay : A Modern Introduction to Indian Logic.
- F. Th. Stcbebatsky : Buddhist Logic, Vols. I & II.
- C. Bhattacharyya : Elements of Indian Logic & Epistemology.
- S. Chatterjee : Nyaya Theory of Knowledge.
- R. Prasad : Buddhist Logic.
- K.N. Tiwari : Bhartiya Tarkshastra, MLBD, New Delhi

Paper V: Socio- Political Philosophy

Section-A

2. Sovereignty: Austin, Bodin, Laski, Kautila.
3. Individual and State: Rights; Duties and Accountability
4. Forms of Government: Monarchy; Theocracy and Democracy.
5. Political Ideologies: Anarchism; Marxism and Socialism

Section-B

6. Humanism; Secularism; Multiculturalism.
9. Gender Discrimination: Female Foeticide, Land and Property Rights; Empowerment.
10. Caste Discrimination: Gandhi and Ambedkar

Suggested Readings:

- O.P. Gauba : An Introduction Social Political Philosophy
- हदय नारायण मिश्र : समाज दर्शन सौदागरि के एवं समस्तत्सक विवेचन
- शिबभानु सिंह : समाज दर्शन का सार्वक्षण
- श्रीम. गोपीनाथ तिलक : समाज एवं राजनीतिक दर्शन (सालस्थ्यान हिंदी ग्रंथ अकादमी, जयपुर)
- दृ. बी एन सिंह : समाज दर्शन एवं राजनीतिक दर्शन (आशा प्रकाशन, इलाहाबाद)
- एका प्र. उदय शंकर
The scheme of examination will be as follows:

<table>
<thead>
<tr>
<th>Scheme:</th>
<th>Minimum Pass Marks 72</th>
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<tbody>
<tr>
<td>Maximum Marks 200</td>
<td>Marks 100</td>
</tr>
<tr>
<td>Paper I</td>
<td>3 hrs. Duration</td>
</tr>
<tr>
<td>Paper II</td>
<td>3 hrs. Duration</td>
</tr>
</tbody>
</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 :
अधिकतम 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 अर्थपुलसात्मक प्रश्न होंगे। प्रत्येक उत्तर की शब्द सीमा 20 शब्द।
20 अंकों के द्वितीय अनिवार्य प्रश्न में, चार—चार अंकों के 10 लघुपुलसात्मक प्रश्न होंगे जिनमें से 05 प्रश्न करने होंगे। प्रत्येक उत्तर की शब्द सीमा 50 शब्द।
प्रश्नपत्र के द्वितीय भाग में, प्रक्रिया के तीन खण्डों में से, प्रत्येक खण्ड से दो—दो प्रश्नों का चयन करते हुए, कुल 06 निबन्धात्मक प्रश्न होंगे। प्रत्येक प्रश्न 20 अंकों का होगा। परीक्षाधिकारियों 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।
Section - A


Section - B

प्रथम प्रश्नपत्र : आधुनिक भारत का इतिहास (1761—1971 ईसवी)

खण्ड — ख

अद्वितीय शताब्दी के मध्य में भारत। नया परिवर्तन, इसकी शक्ति एवं दुर्बलता — अंग्रेजों से संघर्ष
एवं मराठों का पतन। ब्रिटिश शासन का विस्तार एवं सुदृढ़ करण — भारत, मैसूर, अकबर, चित्तौड़ एवं पंजाब
— सहायक संधियाँ एवं विलय का सिद्धांत। इंडिया कॉम्पनी के पर संस्कृत नियंत्रण की स्थापना
— रेप्लेटिंग एक्ट एवं पिट्स इंडिया एक्ट। मूल-राज्य विभाजन : स्थानीय, राष्ट्रवादी एवं महत्वपूर्ण।
भ्रमिता शासन के प्रति जन प्रतिरोध : 1857 का विलय — कालण, प्रकृति एवं परिणाम।

खण्ड — ख

1858 के बाद ब्रिटिश नीति — ब्रिटिश सर्वेक्षण का विकास। गैरनिशाने कार्यक्रम का स्थल
— कृषि का व्यापक सीमांकन। कृषि उद्योगों का पतन, धन का निकलता एवं भारत की निर्भरता। भारतीय
पुनर्जागरण : इसकी प्रकृति एवं क्षेत्र — सामूहिक-धार्मिक सुधार आदेश — महत्त्व समाज, आर्थिक समाज,
राजकृति मिशन। भारत का स्वाधीनता संग्राम — प्रथम चरण : भारतीय राष्ट्रवाद का प्रवास, भारतीय राष्ट्रीय
कार्यक्रम की स्थापना — नरसिंह एवं उपाध्यक्ष — गोकुला एवं विलक। आर्थिक राष्ट्रवाद, स्वदेशी आदेश।
होम रूल आदेश। मुसलमान सांस्कृतिकता का उदय एवं मुसलिम लोग।

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संधि - २

गांधी के नेतृत्व में राष्ट्रपति : गांधी की विचारधारा एवं पद्धतियाँ – असहयोग, सत्यनारद एवं
भारत छोड़ा आंदोलन। राष्ट्रीय आंदोलन की अन्य धाराएँ : क्रांतिकारी, वामपंथी (समाजवादी एवं साम्यवादी),
शुभाष चंद्र बोस एवं इंडियन नेशनल आर्मी। कप्तान, मजदूरी एवं दलित वर्गी के आंदोलन। राष्ट्रीय आंदोलन
में नामित बने। वर्ष 1909, 1919 एवं 1935 के भारत सरकार अभियान। सामाजिक राजनीति एवं भारत का
विकास। स्वतंत्र भारत (1947-1971) की प्रशिक्षण एवं परिवर्तन : राज्यों का एकीकरण, कृषि परिवर्तन सुधार,
नियोजित अर्थव्यवस्था की अवधारणा एवं औद्योगिकीकरण। स्वतंत्र भारत की विदेश नीति (1947-1971) –
गुट निर्मितियाँ एवं वंचनीय।

Books Recommended (अनुसारित पुस्तकें):

C. A. Bayly : Indian Society and the Making of the British Empire,
Sumit Sarkar : Modern India, 1885-1947, Delhi, 1995 (also in Hindi)
Bipan Chandra : Nationalism and Colonialism in Modern India, Delhi, 1981
A. R. Desai : Peasant Struggles in India; Delhi, 1979
Kenneth Jones : Social and Religious Reform Movement in Modern India;
New Cambridge History, 1989
Ravindra Kumar (edd) : Social History of Modern India, Delhi, 1983
Anil Seal : Emergence of Indian Nationalism, Cambridge University

Ranjit Guha &
Gayatri C. Spivak (ed.) : Selected Subaltern Studies, Delhi, 1988
J. Krishnamurti (ed.) : Women in Colonial India, Oxford University Press, 1989
एवं, एवं, जैन
सुभिंतर सरकार : अंधुनिक भारत का इतिहास,
जगन्नाथ प्रसाद गिर्हा : अंधुनिक भारत : 1885-1947 (अनुवाद),
बिपिन चन्द्र एवं अन्य : भारत का स्वतंत्रता संग्राम, दिल्ली, 1998
आज़ादी के बाद का भारत (1947-2000), दिल्ली, 2004
अर. एल. हूलङ्ग (सं.): अंधुनिक भारत का इतिहास, हिंदी माध्यम कार्यन्वयन निदेशालय,
दिल्ली विश्वविद्यालय, दिल्ली

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Section - A


Section - B


Section - C


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द्वितीय प्रस्तावना: आधुनिक विश्व का इतिहास (1500–2000 ईसवी)

खण्ड – ए

पुनर्जीवन एवं आधुनिक युग का भ्रमण। पर्यावरण प्रभाव, पर्यावरण अपेक्षाएँ एवं पर्यावरण प्रशिक्षण। अमेरिका की क्रान्ति - कल्पना, प्रकृति एवं परिवार। कारण, पुरुष, घटनाएँ एवं प्रयास। नेपालको भौगोलिक क्रान्ति - कल्पना, प्रौढ़ वायु एवं प्रयास।

खण्ड – भ

19वीं सालाबहु ने सत्तावाद का उद्वय। जर्मनी एवं इटली का सत्ताबीच क्रान्ति। संघर्षवाद का पर्यावरण एवं युद्ध 1830 एवं 1848 की एकता। साम्राज्यवाद एवं अमेरिकन वाद का विलुप्त - नम विश्व का तोमार, एकता एवं जनचक्क के दृष्टि से विशेष संदर्भ में। पूर्वी संगठन एवं पूर्वी के लिए उसकी जल्दी भारतवाद।

19वीं शताब्दी में युद्ध की प्रकृति। वीं 1917 की क्रान्ति - राज वाल वेट के सिद्धांत। 19वीं शताब्दी में राजनीति का आत्मनिरोधकरण। प्रथम विश्व युद्ध - कल्पना एवं परिवार। भारतवाद।

खण्ड – ए

1917 की सत्ता भारतीय भारतीय एवं सत्ताबीच। इटली ने फ्रांस का वेट एवं जर्मनी ने जर्मनी में। द्वितीय विश्व-युद्ध। संयुक्त राष्ट्र संघ - पंड्रेस्ट, उपार्थियों, सोशल। 1949 की चीन भारत। चीन-युद्ध।

द्वितीय विश्व का अमरनामा एवं गुरु-चिंतन। अन्य विनाश (चित्र), विण्टे-पुरुष एवं (वृद्धावशेष), अमेरिका - राजनीति से लेकर कता की ओर। संयुक्त विदेश एवं एशिया की विविधता। भूभाषीकरण एवं उत्तरक्रान्ति।

Books Recommended (प्रभावित पुस्तकों):

A. G. Dickens : The Age of Humanism and Reformation, New Jersey, 1972
Christopher Hill : From Reformation to Industrial Revolution, Penguin, 1970
Georges Lefevre : Coming of the French Revolution, Princeton, 1989
C. D. Hazer : Modern Europe to 1945, Indian Reprint, Delhi, 1977
David Thorpston : Europe since Napoleon, Penguin, 1966
George Verzudsky : A History of Russia, 1961
Harold M. Vrlacke : A History of the Far East in Modern Times, Indian Reprint, Ludhiana

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A. J. P. Taylor
H. A. Davies
J. E. Swain
Louis L. Snyder

The Origins of the Second World War
A History of World Civilisation, Indian Reprint,
New Delhi, 1994

The Making of Modern Man, Princeton, 1967
अमेरिका का इतिहास, पटंग, 1972
अमुराक युद्ध का इतिहास (अनुवाद), आगरा
देवेन्द्र सिंह चौहान दुर्गे न का इतिहास (1815–1919), चोपाल, 1995
डॉ. अंबाकुमार वहाँ तक का इतिहास [अनुवाद], चोपाल, 1971
हेलम्प एम. दिनाकर इतिहास 4 (1960 तक सम्पन्न) [अनुवाद], लखनऊ, 1973 एवं 1974
के. ए. जोत परिशिष्टी न तक का आधुनिक इतिहास: 1900–1973,
लखनऊ, 1977

पद्मश्री गुप्त

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प्रश्न-पत्रों की रूपरेखा

राजनीति विज्ञान के दो प्रश्न-पत्र होंगे। प्रत्येक प्रश्न-पत्र 3 घण्टे की अवधि का होगा तथा प्रश्न-पत्र के अधिकतम 100 अंक होंगे। प्रत्येक प्रश्न-पत्र के तीन खण्ड होंगे। प्रथम खण्ड 20 अंकों का होगा। इस खण्ड में दो अंकों के 10 अनिवार्य प्रश्न होंगे। जिनमें से प्रत्येक प्रश्न का उत्तर परीक्षार्थी को अधिकतम 20-25 शब्दों में देना होगा।

द्वितीय खण्ड 20 अंकों का होगा। इस खण्ड में 05 अंकों के 04 अनिवार्य प्रश्न होंगे, जिनमें से प्रत्येक का उत्तर 150 शब्दों में अपेक्षित होगा।

तीनतीय खण्ड 60 अंकों का होगा। इस खण्ड में तीन भाग होंगे। जिनमें प्रत्येक में 20 अंकों के दो निबंधात्मक प्रश्न होंगे। परीक्षार्थी से प्रत्येक खण्ड में से एक प्रश्न का उत्तर अपेक्षित होगा। प्रत्येक खण्ड से एक प्रश्न का चयन करते हुए कुल 03 प्रश्नों का उत्तर अपेक्षित होगा।

Scheme of Question Papers

There shall be two papers of political Science. Each question paper shall be of three hours duration and of 100 marks.

Each Question Paper shall consist of three Parts. Part I shall carry 20 marks and shall consist of 10 compulsory questions of 2 marks each to be answered in 20-25 words each.

Part II shall carry 20 marks and shall consist of 4 compulsory questions of 5 marks each to be answered in 150 words each.

Part III of the question paper shall carry 60 marks. This part shall be divided into 3 sections each comprising of 2 essay-type questions of 20 marks each. Candidates will be required to attempt one question from each section (3 questions in all, one from each section)
प्रथम प्रश्न-पत्र: प्रतिनिधि परिचयी राजनीतिक विचारक

खण्ड 'क'
प्लेटो, अरस्तू व एक्विनास।

खण्ड 'ख'

खण्ड 'ग'
मेक्यावली, हॉक्स, लॉक व रूसो।

अनुशासित पुस्तकेः

जॉर्ज एच. सेबाइन : ए हिस्ट्री ऑफ पोलिटिकल थ्योरी (हिंदी व अंग्रेजी)
सी एल वेपर : पोलिटिकल थॉट
जे.पी. नूत : वेस्टर्न पोलिटिकल थॉट
फॉस्टर : मास्टर्स ऑफ पोलिटिकल थॉट
डिनिंग : हिस्ट्री ऑफ पोलिटिकल थॉट
पी.डी. शर्मा : राजनीतिक विचारक
पुरुषराज जैन : कर्तिपय प्रमुख राजनीतिक विचारक
डिनिंग : ए हिस्ट्री ऑफ पोलिटिकल थ्योरीज
एफ. डब्लू. कोकर : सीजेस्ट पोलिटिकल थॉट

Dy. Registrar (Acad.)
University of Rajasthan
Jaipur
Paper I: Representative Western Political Thinkers

Section-A

Plato, Aristotle and Aquinas.

Section-B


Section-C

Bentham, J.S. Mill, Karl Marx and Harold J. Laski.

Books recommended:

A. Hacker: Political Theory
G.H. Sabine: History of Political Theory
C.L. Wayper: Political Thought
Foster: Master of Political Thought Vol. I
Jones: Master of Political Thought Vol. II
Lancaster: Master of Political Thought Vol. III
Chaddha: Pramukh Rajnitik Vicharak (Adarsh Prakashan)
P.D. Sharma: Pratinidhi Rajnitik Vicharak
Pukh Raj Jain: Katipay Pramukh Rajnitik Vicharak

Dy. Registrar (Acad.)
University of Rajasthan
JAIPUR
खण्ड 'क'  

खण्ड 'ख'  

खण्ड 'ग'  

अनुशंसित पुस्तकोंः  

ब्लेक एण्ड थॉमसनः कारेन पॉलिसी  

जॉर्डन कॉनेन सिमिथः पेन्टर्स परसेशन ऑव दी डवलपिंग सिंस 1982।  

डैनियल एस.पपः सोरेयर परसेशन ऑव दी डवलपिंग वर्ल्ड इन 1980।  

डॉः मेथुराल शर्माः अन्तर्राष्ट्रीय सम्बन्ध 1945 से अब तक।  

महेंद्र कुमारः अन्तर्राष्ट्रीय राजनीति के सैद्धांतिक पक्ष (हिन्दी व अंग्रेजी)  

पी.के.चंद्राः अन्तर्राष्ट्रीय सम्बन्ध (आदर्श प्रकाशन, चौडा राज्या जयपुर)  

बागुलाल फालियाः अन्तर्राष्ट्रीय सम्बन्ध  

पुखराज जैनः अन्तर्राष्ट्रीय सम्बन्ध  

दीनानाथ वर्माः अन्तर्राष्ट्रीय सम्बन्ध  

एस.एम. धरः इंटरनेशनल पॉलिटिक्स सिंस 1949  

हरिदत्त वेदवलंकारः इंटरनेशनल पॉलिटिक्स  

Dy. Registrar (Acad.)  

University of Rajasthan
Paper II: International Relations since World War -II and Indian Foreign Policy

Section-A


Section-B

Indian Foreign Policy : Determinants of Foreign Policy, India and UN, NAM and its relevance in Contemporary World, India's Look East Policy, India's relations with neighbourhood & with major powers (U.S.A., Russia and China), India in Contemporary multi-polar world.

Section-C

Contemporary Trends and Issues in International Politics, Politics of West Asia, New International Economic Order, Associations of Regional Co-operation in Asia: ASEAN, SAARC, BRICS, IBSA, Demand for reform in UN & India for permanent seat of UN, Contemporary Global Issues : Human Rights, Environmental Issues, Gender Justice, Terrorism, Nuclear Proliferation.

Books recommended:

Black & Thomas Foreign Policy
Jorden Connel Smith: Patterns of the post World War 1982
S.M. Dhar: International Problem & World Politics since 1949
Denil S. Papp: Soviet Perception of the Developing world in 1980
Haridutt Vedleanker: International Politics
Dr. Mathuralal Sharma: International Relation (since 1945)
Dinanath Verma: Antar Rashtriya Sambandha
Mahendra Kumar: Theoretical Aspects of International Politics
P.K Chaddha: Antar Rashtriya Sambandh (Adarsh Prakashan Choura Rasta, Jaipur)
Palmer and Perkins: International Relation
Hans Morgenthau: Politics among Nation
Babulal Fadiya: Antar Rashtriya Sambandh
Pukhraj Jain: Antar Rashtriya Sambandh
9 INDIAN MUSIC

Paper - I 3 hrs. duration Max. Marks 40 Min. Marks 15
Paper - II 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: 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.

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

Principles of Indian Music

Section –A

Paper I 3 hrs. duration Max. Marks 40 Min. Marks 15

(1) Brief study of Rag and Ras.
(2) Comparative study of different Ghāranas of Khayal and Sitar
(3) Music & Religion.

Section –B

(2) Folk instruments of Rajasthan.
(3) Forms of Hindustani Music.
(4) Forms of Classical Karnataka Music

Section –C

(1) Notation writing of different compositions in prescribed Ragas.
(2) Writing of Alaps and Tanas/Todas in different Ragas.
(3) Recognition of Ragas from given notes and writing of Alaps showing: 'Nyas' on some given Swaras.
(4) Writing of Thekas with different layakaris Dugun, Tigun, Chaugun and Chhagun in the following Talas- Tilawada, Dhamar, Trital, Jhaptal, Ektal, Chautal, Roopak, Dadra, Punjabi, Sooltal, Jhoomra, Adachautal, Tivra, Deepchandi.
Paper – II

Vocal and Instrumental

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 atleast one question from each section.

History of Indian Music

Section – A

(1) Origin of Music.
(2) Study of the works of Bharat Matang, Sharangdev Vishundigambar Paluskar and Bhatkhande.
(3) Types of western Scales Diatonic, Chromatic, Equally tempered.

Section – B

(1) General ideas of the forms of Vedic music.
(2) General ideas of Giti and Vani.
(3) Impact of Folk music on classical music and Vice-versa.

Section – C

(1) General ideas of Rabindra Sangeet.
(2) General idea of Harmony and melody.
(3) Essay on General music interest.
Music Practical (Vocal and Instrumental)

Marks 120
There shall be one practical paper (Conducted by two different External Examiners).

Min. Marks 43

Duration of Exam.: 1 hours per candidate.

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:

Vocal 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, Tigun and mark time on hand and to recognize the following talas when played on tabla- Dhamar, Tilwara, Ektal, Chautal, Rupak, Punjabi, Sooltal, Jhumra, Adachautal, Tivra and Deepchandi.
4. To sing Arohi, Avrohi, Pakad and Swar Vistar of the following ragas- Todi, Puriya-Dhanashree, Jaunpuri, Darbari Kanada, Bihag, Multani, Kafi, Adana, Durga, Puriya, Kamod and Chhayanat.
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) todi (ii) Bihag (iii) Jaunpuri (iv) Darbari Kanada
6. With the accompaniment of table to sing a Fast-Khayal with alaps and tanas and Tarana with its gayaki in any Six ragas of the following: (i) Kamod (ii) Multani (iii) Kafi (iv) Adana (v) Durga(vi) Puriya (vii) Chhayanat (viii) Puriyadhanashri.
7. With the accompaniment of Table or Pakhawaj to sing one Durpad and one Dhamar with all laykaris and Tihai, in any two different ragas prescribed under clause4 , but not selected under clause 5 & 6.
Instrumental Music

Candidate can offer any one of the following instruments—Sitar, Violin, Sarod, Flute, Israj or Dilruba. Clause 1, 2, 3, and 4 same as Vocal Music singing may be replaced by playing.

(5) With the accompaniment of Tabla to play Vilambitgat (विलम्बितगत) and a Drutgat (दृश्यगत) with sufficient varieties of Todas and Jhalas, Meend, Jamjama, Ghaseet and Krintan in the following:
Four ragas: (i) Todi (ii) Bihag (iii) Jaunpuri (iv) Darbari-Kanada

(6) To the accompaniment of Tabla to play Drutgat (दृश्यगत) with todas and jhalas in any six ragas of the following:

(7) 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.

(8) To play a Dhun in any Raga.

Books Recommended:

(1) Kramik Pustak Malika parts 2, 3 and 4 Bhatkhande.
(2) Tan Malika parts 2 & 3 by Raja Bhaiya Poonchwal.
(3) Tan Sangrah by S.N. Ratanjankar.
(4) Sitar Marg by S. Bandopadhyaya.
(5) Sitar Siksha by B.N. Bhatt.
(6) Sitar Parts 1 to 3 by B.N. Bhimpure.
(7) Rag Vigyan by N.V. Patwardhan.
(8) A Short survey of the Music of the Northern India by Pt. V.N. Bhatkhande.
(9) संगीत के जीवन पृष्ठ by S. Rai.
(10) Vadya Shastra by Shri Harish Chandra Srivastava.
(12) Sangeet Visharad by Basant.
(13) Sangeet Kaumudi by V. Nigam.
(14) Hindustani Music—its physics and a esthetics by G.S. Ranade.
(15) Music of Hindustan by Fox strangways.
(16) Origin of Ragas—Bandopadhyaya.
(17) Bhartiya Sangeet ka Itihas-Umesh Joshi.
(19) Hindustani Sangeet Paddhati 1 to 4 by Pt. Bhatkhande
(20) Pranav Bharti by Omkar Nath Thakar.
(21) Karanataka Music-Ramchandran.
(22) South Indian Music by Sambamurti.
(23) Natya Shastra by Bharat.
(24) Brihaddeshiaya by Matang.
(25) Sangeet Ratnakar by Sharangdev.
(26) Rag Tarangini by Lochan.
(27) Sangeet Parijat by Ahobal.
<table>
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<tr>
<th>Scheme</th>
<th>Max. Marks</th>
<th>Mini. Marks</th>
<th>Time</th>
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<td>Two Papers</td>
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<tr>
<td>Paper-I</td>
<td>100</td>
<td>36</td>
<td>3 Hours</td>
</tr>
<tr>
<td>Paper-II</td>
<td>100</td>
<td>36</td>
<td>3 Hours</td>
</tr>
</tbody>
</table>

**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 questions of 20 marks each. The candidates are required to attempt three questions selecting one question from each section. Total Marks: 60

**Paper - I**: Comparative Administrative Systems

*Section - A*

Meaning, Nature, Scope and Significance of Comparative Public Administration.

Structural Functional, Ecological and Developmental Approaches to the Study of Comparative Administration.

Section - B

Section - C

Core Readings:
3. V.D. Mahajan: Modern Select Governments.
5. तुलनात्मक राजनीतिक व्यवस्थाएँ
6. राजनीति गैलरी: तुलनात्मक राजनीति
10. विश्व के प्रमुख सरकार.
11. तुलनात्मक प्रशासनिक व्यवस्थाएँ.
प्रश्न-पत्र १: तुलनात्मक प्रशासनिक व्यवस्थाएँ

भाग-अ
तुलनात्मक लोक प्रशासन का अर्थ, प्रकृति, शेष व पहलु, तुलनात्मक लोक प्रशासन, अध्ययन के उपाय: तुलनात्मक-प्रकाश्यात्मक, पारगतिकता, गतिविधियाँ उपयोग। चीन, फांसा, संयुक्त राज्य अमेरिका तथा ग्रेट ब्रिटेन के संबंधों के प्रमुख लक्षण।

भाग-ब
ग्रेट ब्रिटेन में संरक्षीय व्यवस्था, संयुक्त राज्य अमेरिका में अध्यक्षीय व्यवस्था, फांसा में अध्यक्षीय व्यवस्था।
ग्रेट ब्रिटेन, संयुक्त राज्य अमेरिका, फांसा व नेपाल की प्रशासनिक व्यवस्थाओं की प्रमुख विशेषताएँ, केंद्रीय प्रशासन तथा लोक सेवाओं की प्रकृति एवं पूर्वाञ्चल के विशेष संबंध में।

भाग-व
ब्रिटिश पूर विभाग, ग्रेट ब्रिटेन में विषयभाग संचालन, संयुक्त राज्य अमेरिका में स्वतंत्र नियामकीय आयोग, संयुक्त राज्य अमेरिका में गवर्ण का पद, फांसा में राज-परिषद, इंग्लैंड का ओरुग्नदेह, ब्रिटिश राजकोष।

Core Readings:
1. Ferrel Headly : Public Administration - A Comparative Perspective.
3. V.D. Mahajan : Modern Select Governments.
5. परींदे शर्मा : तुलनात्मक प्रशासनिक व्यवस्थाएँ.
6. सूरज गोयन : तुलनात्मक राजनीति
10. बी.एल. फिलिया : नियंत्रण के प्रमुख संबंधान।
11. पुराने कुछाहिया : तुलनात्मक प्रशासनिक व्यवस्थाएँ.

Dy. Registrar (Acad.)
University of Rajasthan
JAIPUR
Paper-II: Local Administration

<table>
<thead>
<tr>
<th>Scheme</th>
<th>Min. Pass Marks</th>
<th>Max. Marks</th>
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<tbody>
<tr>
<td>Paper-I</td>
<td>72</td>
<td>100</td>
</tr>
<tr>
<td>Paper-II</td>
<td>3 hrs. Duration</td>
<td>100 Marks</td>
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</tbody>
</table>

Section - A


Section - B


Section - C

Financial Administration of Local Bodies in India. Strengthening of Local Resources.

State Control over Local Bodies, Urban and Rural Mechanism of control over Local Bodies at State Level. The Role of Directorate

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JAIPUR
of Local Bodies and Gramin Vikas & Panchayati Raj Department.

Books Recommended:
1. R. Argel: Municipal Government in India.
2. S.R. Maheswari: Local Government in India.
4. R.L. Khanna: Municipal Government and Administration in India.
5. S.K. Bhogle: Local Government in India.
6. डॉ. एच.भी..का : भारत में स्थानीय प्रशासन.

Subsidiary Readings:
1. S.C. Jain: Community Development and Panchayati Raj.

Journals:
1. Nagarlok, Delhi
प्रश्न-पत्र [II: शास्त्रीय प्रशासन]

भाग-अ

आधुनिक राज्य में शास्त्रीय प्रशासन का अर्थ, प्रकृति तथा पहलवान प्रशासन, संधाल के संबंध में आधुनिक भारत में शास्त्रीय प्रशासन का विकास, भारत में नगरीय शास्त्रीय प्रशासन का संगठनात्मक विकास, विभिन्न प्रकार के शास्त्रीय निकायों के स्वरूप, साहित्य तथा भूमिका। पहलाएँ का शास्त्रीय प्रशासन: मार निर्गम तथा उनकी समस्याएँ।

भाग-ब

भारत में तीनों निवेदनशील विकास का सिद्धान्त तथा व्यवहार, 73वीं संविधान संशोधन के विषय में पंचायती राजवर्धन नियम: जिला परिषद् पंचायत समिति, ग्राम पंचायत तथा ग्राम सभा का संगठन तथा कार्य।

प्राप्त तथा तारीखी विविध प्रशासन, शास्त्रीय निकायों में भारी, वास्तविक, संदर्भित, प्रशिक्षण तथा ऐसे। लेख की समस्याएँ।

भाग-स

भारत में शास्त्रीय निकायों का वित्तीय प्रशासन, शास्त्रीय राजस्वों का समानता।

शास्त्रीय निकायों पर राजस्व-नियंत्रण, राजस्व समस्याओं का उल्लेख, नियंत्रण की प्रणाली, शास्त्रीय निकाय, निदेशालय तथा ग्रामीण विकास एवं पंचायती राज संगठन की भूमिका।

अनुशंसित पुस्तकें:

1. आदि आदि: मूनिकित गवर्मेंट इन इंडिया
2. एस.एस. पारेशवरी: भारत में शास्त्रीय प्रशासन
3. एस. जी. भागु: पंचायती राज इन राजस्थान
4. आदि एल. राजस्थान मूनिकात गवर्मेंट एंड एडमिनिस्ट्रेशन इन इंडिया
5. एल.जी. फोरेस: लोकता गवर्मेंट इन इंडिया
6. भारत संसद: भारत में शास्त्रीय प्रशासन

सहायक पत्र नामांकन:

1. एस.जी. बाल: कैप्टेनीट इंकार्पमेंट एंड रंगयाची राज
2. गवर्मेंट आफेर राजस्थान: सांक्षिप्त अभी रिपोर्ट, 1964
3. गवर्मेंट आफेर राजस्थान: राजस्थान मूनिकितेट एंड, 1959 संगठित
4. दिवाल कमेटी रिपोर्ट, 1963
5. राजस्थान संसद: राजस्थान पंचायती राज, अधिनियम, 1994
6. अधिनियम एवं स्थानीय कमेटी रिपोर्ट, 1957
7. सांस्कृतिक अवधि सुबरी रिपोर्ट, 1964

प्रति निर्माता के लिए अनुमोदन दिलाएँ।

शास्त्रीय राजस्थान

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48
B.A. Part - III  
**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>Post Independence Artists of India</td>
<td>3 hrs.</td>
<td>60</td>
<td>21</td>
</tr>
<tr>
<td>Paper II-Practical Paper I</td>
<td>5 hrs.</td>
<td>60</td>
<td>22</td>
</tr>
<tr>
<td>Study from Life</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paper III-Practical Paper II</td>
<td>5 hrs.</td>
<td>60</td>
<td>22</td>
</tr>
<tr>
<td>Pictorial Composition</td>
<td></td>
<td>20</td>
<td>07</td>
</tr>
<tr>
<td>Submission of Practical Works</td>
<td></td>
<td></td>
<td></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: Post Independence Artists of India**

Note: The paper consists of three parts:
- Part I: Carries 10 marks and consists of 10 short type questions of 1 mark each.
- Part II: Carries 20 marks and consists of 4 compulsory questions of 5 marks each to be answered in 100 words each.
- Part III: Carries 30 marks divided into three sections; 3 questions of 10 marks each with internal choice. Candidates are required to attempt three questions selecting one question from each section. Each answer should be limited to 700-800 words.

**Section - A**


**Section - B**

Indian Sculptors – D.P. Roy Choudhary, Shankhoo Choudhary, Ram Kinkar Baiji, Dhanraj Bhagat, Sonam Hore, Balveer Singh Katt, Mrinalini Mukherjee, Meena Mukherjee.

**Section - C**

Rajasthani Painters and Sculptors - Ram Gopal Vijayvargiya, Kripal Singh Shekhawat, P.N. Choyal, Ram Jaiswal, Usha Rani Hoja, Bhoo Singh Shekhawat.

**Books Recommended:**

1. Art of India (Feeling and Form) - Ajit Mukarjee
2. आमुलिक चित्रकला की पूर्णता – जी.के. अय्यर
3. मातृभाषी चित्रकला के आधार स्तर – प्रेमनंद गोस्वामी
4. भारती की समकालीन कला – प्राग considerable मामले, सेसेटल पुस्तक प्रकाशित, गई दिल्ली, 2006
5. आमुलिक चित्रकला का इतिहास – अरोपी, सांवल्कर, राजस्थान स्पेशल इतिहास अकादमी, जयपुर।
6. समकालीन कला – अरोपी
7. कला विद्यालय – अरोपी, अय्यर, ती.एस.ए. पुस्तक इतिहास, दिल्ली, 2015

**Paper II (Practical Paper - I): Study from Life**

Medium - Pencil/Charcoal/Soft Pencil  
Duration: 5 hrs.  
Size ½ Imperial  
Max. Marks: 60  
Study from Life (full figure) showing broad masses of light and shade, clearly bringing out the modelling of the figure and drapery.

**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 five hours with a rest of 10 minutes when required by the model. Option to arrange a female model should also be given if the Centre Superintendent can arrange one or Life model male could wear a turban or cap. Strictness about the quality of model should be avoided. Emphasis will be given on correct drawing.

Paper- III (Practical Paper -II) : Pictorial Composition

Pictorial Composition in any style with use of human figures, should be rendered with emphasis on stylization, colour scheme and textures etc.
Medium – Acrylic, Tempera, Oil, Pastel etc.
Duration : 5 hrs.
Size ½ Imperial
Max. Marks : 60

Composition should be based on any subject related to life. Its important events and the world around us. Composition should be created with human forms. Styles of composition could be stylised, traditional or modern. Subjects may cover “Festivals”, important events from life (indoor and outdoor) like workers, travellers, farmers and group meetings etc.

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

(a) Five plates from Life.
(b) Five Plates from Composition.
(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 12 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 and 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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12. SOCIOLOGY

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: Sociological Thought

Unit I: Classical Sociological Tradition
   a) Karl Marx: Dialectical Materialism, Class struggle
   b) Emile Durkheim: Social Fact, Division of Labour
   c) Max Weber: Social Action, Types of Authority

Unit II: Contemporary Sociological Tradition
   a) Jurgen Habermas: Legitmatation crisis, Communicative Action
   b) Antonio. Gramsci: Hegemony, Civil Society
   c) Anthony Giddens: Modernity, Structure and Agency

Unit III: Indian Sociological Tradition
   a) D.P Mukherji: Diversity, Dialectics of Tradition
   b) A.R Desai: Nationalism, Path of development
   c) G.S Ghurye: Caste, Indian Sadhus

Readings:

1. Original works of scholars

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Paper II: Introducing Sub sociologies

Unit I: Sociology of Urban Society
   a) Invitation to Urban Sociology: Naïve, Subject matter, relevance
   b) Concepts: City and its types, Urbanization, Urbanism, Migration
   c) Social Issues: Slums, deviance in urban space, environmental problems

Unit II: Sociology of Development
   b) Concepts: Development & its forms, Sustainable development, Modernization
   c) Social Issues: Displacement-Rehabilitation, development inequalities, development and human rights

Unit III: Sociology of Globalization
   a) Invitation to Sociology of Globalization: Nature, Subject matter, relevance
   b) Concepts: Globalization, Glocalization, Globalism
   c) Social Issues: Social exclusion, Private-Public clash, environmental risk.

Readings:
SYLLABUS FOR THE THIRD YEAR B.A. IN FRENCH

Scheme of examination: two written papers of 75 mark each & one viva-voce of 50 marks.

<table>
<thead>
<tr>
<th>PAPER</th>
<th>MAX MARKS</th>
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<tbody>
<tr>
<td>PAPER - I</td>
<td>75</td>
</tr>
<tr>
<td>PAPER - II</td>
<td>75</td>
</tr>
<tr>
<td>PAPER - III</td>
<td>50</td>
</tr>
<tr>
<td><strong>Total Marks:</strong></td>
<td><strong>200</strong></td>
</tr>
</tbody>
</table>

**PAPER - I TRANSLATION & GRAMMAR**  3 hours  75 marks

a) Translate one passage from French into English (300 words)  25 marks
b) Translate one passage from English into French (300 words)  25 marks
c) Grammar  25 marks

The following grammar topics will be covered in class (The students will also have to study portions of grammar covered in 1st and 2nd year B.A in French)

- Le plus que parfait, le récit au passé simple, le conditionnel passé, le subjonctif passé.
- La forme passive.
- L’expression de la certitude, de la possibilité, de l’impossibilité.
- Le futur antérieur.
- Les pronoms relatifs simples et composés.

**PAPER - II A STUDY OF FRENCH LITERATURE**  3 hours  75 marks

a) Attempt any two of the given four questions on the prescribed novel  25 marks
b) Attempt two out of the three questions on the prescribed poems  25 marks
c) Attempt any two out of given three questions on the prescribed Periods from the History of Literature  25 marks

**Teaching Material/Books:**

1. ECHO III
2. Novel - Le Petit Prince - Saint Exupery
3. Poems:
   a. Le Lac - Lamartine
   b. Demain dès l’aube - Victor Hugo
   c. La mort et le bûcheron - La Fontaine

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d. La mort du loup - Vigny


**Reference Books:**
1. L’histoire de la France – CLE International
2. Les grandes étapes de la littérature Française – Dr. Charles Cadoux
3. La littérature Française – CLE International
4. La Poésie – CLE International
5. Le théâtre – CLE International
6. Le roman – CLE International

**PAPER - III VIVA-VOCE**

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SYLLABUS FOR THE THIRD YEAR B.A. IN GERMAN

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 TRANSLATION & GRAMMAR
a) Translate the following passage from German into English 25
b) Translate the following passage from English into German 25
c) Grammar 25

PAPER - II A STUDY OF GERMAN LITERATURE
& HISTORY OF GERMAN LITERATURE 75
a) Attempt any two of the given four questions on the prescribed stories 25
b) Attempt two out of the three questions on the prescribed poems 25
c) Attempt any two out of given three questions on the prescribed 25

Periods from the History of Literature
A – Prescribed stories

<table>
<thead>
<tr>
<th>Stories</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unverhofftes Wiederschen</td>
<td>Johann Peter Hebel</td>
</tr>
<tr>
<td>Das Brot</td>
<td>Wolfgang Borchert</td>
</tr>
<tr>
<td>Die drei dunklen Könige</td>
<td>Wolfgang Borchert</td>
</tr>
<tr>
<td>Die ungezählte Geliebte</td>
<td>Heinrich Böll</td>
</tr>
</tbody>
</table>

B – Prescribed Poems

<table>
<thead>
<tr>
<th>Poems</th>
<th>Poets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gefunden</td>
<td>Johann Wolfgang von Goethe</td>
</tr>
<tr>
<td>Willkommen und Abschied</td>
<td>Johann Wolfgang von Goethe</td>
</tr>
<tr>
<td>Heidenröselin</td>
<td>Johann Wolfgang von Goethe</td>
</tr>
<tr>
<td>Sehnsucht</td>
<td>Eichendorff</td>
</tr>
<tr>
<td>Die Lorelei</td>
<td>Heinrich Heine</td>
</tr>
<tr>
<td>Im Nebel</td>
<td>Hermann Hesse</td>
</tr>
</tbody>
</table>

C - History of Literature - Write an essay on:
i) Aufklärung
ii) Klassik
iii) Romanik
iv) Realismus
v) Expressionismus
vi) Nachkriegsliteratur

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Books recommended for the History of Literature:

- Deutsche Literatur in Epochen – B. Baumann / Birgitta Oberle

The class teacher will be required to make print-out-material providing detailed notes on analysis of each period.

PAPER - III VIVA-VOCE 50
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 III

<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 V</td>
<td>Mother and Child Care</td>
<td>3hrs</td>
<td>50</td>
<td>18</td>
<td>3</td>
</tr>
<tr>
<td>Practical V</td>
<td>Mother and Child Care</td>
<td>3hrs</td>
<td>50</td>
<td>18</td>
<td>2</td>
</tr>
<tr>
<td>Theory Paper VI</td>
<td>Extension education and Communication</td>
<td>3hrs</td>
<td>50</td>
<td>18</td>
<td>3</td>
</tr>
<tr>
<td>Practical VI</td>
<td>Extension education and Communication*</td>
<td>3hrs</td>
<td>50</td>
<td>18</td>
<td>2</td>
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<td></td>
<td>Total</td>
<td></td>
<td>200</td>
<td>72</td>
<td>10</td>
</tr>
</tbody>
</table>

*In BA Part III, a “Vocational Oriented Practical” under Practical VI- Extension education and communication has been planned in the form of training, internship, demonstration to provide skills to students and enable them to take up a money earning vocation. One practical from each subject has been planned and given as an option to the institution/home science department. The practical which is opted can be based on the available infrastructure and local facilities.

The student has to opt for the practical selected by her institution.

Vocation Oriented Practical
(in the form of training, internship, demonstration. One practical to be selected by the institution based on the available infrastructure and facilities)
One of the following six practicals to be selected by the institution.
- Family Event management
- Nutrition Education activities
- Food Preservation
- Knowledge & Skills based Training for Childhood Educators
- Dyeing & Printing
- Extension Activity Management

<table>
<thead>
<tr>
<th>B.A. PART-III</th>
</tr>
</thead>
<tbody>
<tr>
<td>MOTHER AND CHILD CARE (THEORY PAPER V )</td>
</tr>
</tbody>
</table>

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

**Objectives :**
1. To understand importance of reproductive cycle
2. To understand the basic care of mother during pregnancy and lactation
3. To understand the problems /complications during pregnancy and their management.
4. To understand the basic care of newborns and infants.
5. To understand the Danger Sign and Common ailments of newborns and their management.

**Contents**

<table>
<thead>
<tr>
<th>Unit – I</th>
<th>Health of the Mother</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| 1. Menstruation & Fertility: | 6 |
| - Normal Menstrual Cycle | |
| - Process of Reproduction | |

| 2. Pregnancy: | 8 |
| - Sign & Symptoms | |
| - Use of Pregnancy Kits | |
| - Signs & Symptoms | |
| - Common Ailments | |
| - Abortions –causes & Care of Mother | |

| 3. Health & nutritional care during Pregnancy & lactation: | 10 |
| - Antenatal Care: | |
|   i. Registration of Pregnancy | |
ii. Sign & Symptoms of Pregnancy
iii. Use of Pregnancy Kits
iv. Common ailments during pregnancy & their management:
   - morning sickness, heartburn, indigestion, constipation, piles,
   - leg cramps, sleeplessness, frequency of micturition, edema,
   - varicose veins
v. Antenatal Checkups & their importance
vi. Danger signs during pregnancy & management
   • Intra natal care:
     • Birth preparedness for safe delivery
     • Danger signs during delivery & management & when to refer
   • Post natal care:
     i. Complications during post partum period & their management
     ii. Post natal Checkups

Unit II
Care of New Born

4. New born:
   • Nutritional care of New Born (referring to Integrated Management of Neonatal Childhood illness).
   • Identification of Danger Sign and when to refer
   • Common ailments of newborns and their management:
     - diarrhea, constipation, flatulence, vomiting, colic, malnutrition, napkin rash, umbilical infection, acute respiratory infections

Unit III

5. Immunization & growth monitoring of infant and young child
6. Nutritional care of infant & young child (referring to Infant and Young child nutrition guidelines)
   • Infancy
     i. Importance of breastfeeding, early intiation, colostrums
     ii. Exclusive breastfeeding techniques of breastfeeding
   • Complementary feeding:
     i. Importance of complementary feeding
     ii. Time of introduction
     iii. Technique of complementary feeding
     iv. Points to be considered – FODU (Frequency, Adequacy, Density and Utilization.
     v. Homemade recipes, premixes, from family pot
7. Use of Mother & Child protection card
8. Mother and Child Health Nutrition Programme
   • Janani Shishu Suraksha Yojana
9. Family Planning
   - Advantages & importance
   - Methods of family planning
   - Abortions-causes & care of mother

References:
5. First Aid to the injured. Authorised Manual of St. John Ambulance. 1 cross road, New Delhi 110001
6. Module 1-8 developed for Asha Sahyoginis.

MOTHER AND CHILD CARE (PRACTICAL V)

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

<table>
<thead>
<tr>
<th>Content</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Use of Pregnancy kits</td>
<td></td>
</tr>
<tr>
<td>- Safe Days</td>
<td></td>
</tr>
<tr>
<td>- Menstrual Hygiene</td>
<td></td>
</tr>
<tr>
<td>- Hygienic use &amp; disposal of Sanitary pads</td>
<td></td>
</tr>
<tr>
<td>2. Breastfeeding – Techniques &amp; Posture</td>
<td>1</td>
</tr>
<tr>
<td>3. Preparation of Complementary foods</td>
<td></td>
</tr>
<tr>
<td>- Premixes</td>
<td></td>
</tr>
<tr>
<td>- Guidelines for consistency for quality, preparing frequency, density &amp; variety premixes.</td>
<td></td>
</tr>
<tr>
<td>- Homemade recipes</td>
<td></td>
</tr>
<tr>
<td>- Adaptation from family pot C</td>
<td>2</td>
</tr>
<tr>
<td>4. Use of Mother &amp; Child Protection Card</td>
<td></td>
</tr>
<tr>
<td>- Registration &amp; personal details</td>
<td></td>
</tr>
<tr>
<td>- Antenatal care</td>
<td></td>
</tr>
<tr>
<td>- Danger signs of pregnancy</td>
<td></td>
</tr>
<tr>
<td>- Diet during pregnancy</td>
<td>2</td>
</tr>
<tr>
<td>- Planning of low cost nutritious recipe for pregnant mother</td>
<td></td>
</tr>
<tr>
<td>- Internal care</td>
<td></td>
</tr>
<tr>
<td>- Post antenatal care</td>
<td>1</td>
</tr>
</tbody>
</table>

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• Checkups planning of low cost nutrition's recipes for lactating mother
• Danger signs of new born
• New born care
• Immunization
• Growth monitoring – Demonstration of weighting & measurement of child
• Guidelines for child care

5. Management of Diarrhea
• Skin pinch test for identifying dehydration
• Feeding schedule
• Preparation of oral rehydration solution

6. Management of fever
• Use of thermometer
• When to refer
• How to bring down fever (home based care)

7. First aid & home nursing
• First Aid during
  i. Burns & Scalds
  ii. Cuts & wounds (tetanus toxoid vaccine)
  iii. Sprains & fractures
  iv. Unconsciousness
  v. Electric shock
  vi. Animal bite – dog, monkey, snake (importance of vaccine)
  vii. Poisons
  viii. Heat stroke
• Care in infectious disease
  i. Isolation
  ii. Prevention of infection through fomites
  iii. Ventilation & Disinfection
  iv. Baby weighing scale, AIR inner & thermometer, first aid box.
  v. Materials to be provided – from nearest Aanganwadi/Subcentre

Examination scheme
Major problem – 20 marks
Planning and preparation of low cost recipe for any one
• Pregnant/ Lactating mother
• Complementary foods/ premixes for infants
• Pre – schoolers

Minor Problem – 15 marks
First aid and home nursing
Plotting of weight on growth chart and its interpretation

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### EXTENSION EDUCATION AND COMMUNICATION (THEORY PAPER VI)

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

**Objectives:**  
1. To make the students understand the concept of extension and its related aspects.  
2. To understand the support of national and international agencies in extension.  
3. To sensitize the students and help them to understand the process of communication and its importance in extension teaching.

**Contents**

<table>
<thead>
<tr>
<th>Unit -I</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Extension Education</strong></td>
<td></td>
</tr>
<tr>
<td>2. History of Extension Education in India</td>
<td></td>
</tr>
<tr>
<td>3. Objectives and principles of Extension Education</td>
<td>3</td>
</tr>
<tr>
<td>4. Role and qualities of extension worker</td>
<td>4</td>
</tr>
<tr>
<td>5. Extension teaching methods- Personal, Group and mass approach</td>
<td>2</td>
</tr>
<tr>
<td>6. Basic knowledge of flagship development programmes of the Government of India in reference to objectives, target groups, activities, organizational structures and financial support</td>
<td>5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>UNIT II</th>
</tr>
</thead>
<tbody>
<tr>
<td>7. Communication</td>
</tr>
<tr>
<td>- Concept, meaning and process of communication</td>
</tr>
<tr>
<td>- Elements and models of communication- Aristotle, Leagens, Roger’s and shoemakers</td>
</tr>
<tr>
<td>- Functions and barriers of communications</td>
</tr>
<tr>
<td>8. Audio visual aids</td>
</tr>
<tr>
<td>- Meaning and use of audio visual aids</td>
</tr>
<tr>
<td>- Cone of experience</td>
</tr>
<tr>
<td>9. Classification of audio visual aids- Projected and non projected( visual, audio and audio visual aids)</td>
</tr>
<tr>
<td>10. Media</td>
</tr>
<tr>
<td>- Basic concepts of traditional and modern methods of communication</td>
</tr>
<tr>
<td>- Relative advantages and limitations of traditional and modern methods of communication</td>
</tr>
</tbody>
</table>

**UNIT III**
<table>
<thead>
<tr>
<th></th>
<th>Support structure and functions –</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Panchayati Raj – Concept, objectives, and structural organisation. Role of Panchayati Raj for Women empowerment</td>
</tr>
<tr>
<td></td>
<td>Village organisations – village school, Yuva Mandal, Mahila Mandal, Cooperatives and KVK’s</td>
</tr>
<tr>
<td></td>
<td>Role of UNDP, UNICEF, NIRD, NIPCCD, CSWB</td>
</tr>
</tbody>
</table>

References:

5. आचाई नाई. 1998 : गृह विज्ञान में प्रसार शिक्षा , स्टार प्रक्लेसन , आगरा
6. आचाई नाई. 1998 : प्रसार शिक्षा , श्री बिनोद पुस्तक मण्डिर , आगरा–2

**EXTENSION EDUCATION AND COMMUNICATION (PRACTICAL VI)**

*(Based on the institution’s choice)*

Vocation Oriented Practical*(in the form of training, internship, demonstration)*

One practical to be selected by the institution based on the available infrastructure and facilities.

*One of the following six practicals to be selected by the institution*

- Family Event management
- Nutrition Education activities
- Food Preservation
- Knowledge & Skills based Training for Childhood Educators
- Dyeing & Printing
- Extension Activity Management

The student has to opt for the practical selected by her institution.

---

**FAMILY EVENT MANAGEMENT**

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

**Objectives**

1. To develop a practical approach for planning on event.  
2. To understand various aspects of event management

<table>
<thead>
<tr>
<th>Contents</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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### Step of Event Management

1. **Making a paper plan**
   - Guest List  
   - Making / Drafting / Finalizing / Invitation Card  
   - Infrastructure  
     i. Tents  
     ii. Furniture and Furnishing for areas:
       - Reception  
       - DJs / Music  
       - Games  
       - Food serving (Based on numbers of persons and types of events)  
     iii. Decoration (Theme etc.)  
     iv. Planning of games  
     v. Transportation & communication  
     vi. DJ’s / Music  
     vii. Planning and Management of food
       - Welcome drink  
       - Welcome Snacks  
       - Main Course  
       - Deserts  
       - Mouth Freshener

2. **Budget under different heads (Market survey can be done)**
   - Food  
   - Decoration  
   - Invitation  
   - Gifts  
   - Transportation and communication  
   - Games  
   - Infrastructure tents, furniture, furnishing, etc.  
   - DJ’s / Music  
   - Time schedule for major activities  
   - Implementation of various activities
     i. Finding out a leader and making groups  
     ii. Work distribution among group members

3. **Controlling the event activities**

4. **Feedback / evaluation**

5. **Variation in events in a family**
   - Religious events  
   - Entertainment and recreational events  
   - Picnics, Other parities and events  
   - College events: Fresher’s day, Farewell, Annual function

6. **Class rooms presentation**

### Note:
Students will participate in events of institution.

### Examination scheme

---

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   ✓ Making a party plan for any specific party.
   Planning budget for the party in the specific amount
3. Internal – 10 marks

### NUTRITION EDUCATION ACTIVITIES

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

#### Objectives:
1. To gain insight on the concept and importance of Nutrition Education.  
2. To develop skills in organizing a Nutrition Education program.

#### Contents

<table>
<thead>
<tr>
<th>Activities</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>(A) Classroom/Lab activities:</strong></td>
<td></td>
</tr>
<tr>
<td>1. Introduction to Nutrition Education: Definition, importance related topics, approaches (Individual, group mass), methods, and Teaching aids.</td>
<td>2</td>
</tr>
<tr>
<td>2. Identification and finalization of nearby village/community/women’s group/Auganwari center/college premises for Nutrition Education</td>
<td>1</td>
</tr>
<tr>
<td>3. Divide the students in different groups – 5 students in each group. Assign one topic to each group.</td>
<td>1</td>
</tr>
<tr>
<td>4. Every group will prepare a Nutrition Education program plan based on the topic given.</td>
<td>2</td>
</tr>
<tr>
<td>5. Guidelines for Preparation of teaching aids. – Posters, Charts, Flash Cards, Demonstrations, Street Play, Puppetry.</td>
<td>3</td>
</tr>
<tr>
<td>- Every group will prepare a minimum of 3 teaching aids (Posters/ chart/ demonstration/flash cards/role play etc.)</td>
<td></td>
</tr>
<tr>
<td>6. Prepare an activity calendar: venue, time, place, number of participants and implementation of each education programme.</td>
<td>2</td>
</tr>
<tr>
<td>7. Village Health &amp; Nutrition day at the nearest Auganwari centre- Previsit for Planning, organising – VHND, Evaluation.</td>
<td>1</td>
</tr>
<tr>
<td><strong>(B) Implementation and evaluation of education program</strong></td>
<td></td>
</tr>
<tr>
<td>The students will implement every activity as per the activity calendar.</td>
<td>10</td>
</tr>
<tr>
<td>(Division of classes will be based on number of groups formulated)</td>
<td></td>
</tr>
<tr>
<td><strong>(C) File work</strong></td>
<td></td>
</tr>
<tr>
<td>• Discuss the various programs implemented.</td>
<td></td>
</tr>
</tbody>
</table>

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Every student should prepare a file which would include: Report of program plan & implementation and a way of teaching aids prepared.

**Suggested Topics:**

- Nutritional care during pregnancy.
- Nutritional care during lactation.
- Advantages of Breast feeding.
- Importance and timely introduction of complementary feeding.
- Formulation and preparation of fresh home-made and premix for an infant 6 months to 12 months.
- Formulation and preparation of fresh home-made and premix for 1 year to 3 years child.
- Formulation and preparation of energy – protein rich snack for 3-6 years old child.
- Growth Monitoring – taking body weight and plotting on growth chart (weight – for – age)
- Nutrition counselling based on the results of growth chart.
- Preparation of Vitamin ‘A’/ Beta-carotene rich food for a young child.
- Preparation of iron rich food for an adolescent girl.
- Promotion of consumption of iodized salt.
- Immunization of safe water and house – hold methods of water purification.
- Hand – washing promotion.

**Examination scheme:**

1. **Major problem:** 25 marks
   Plan any nutrition education activity for community on any one of the given topics.

2. **Minor problem** 15 marks
   Preparation of any one teaching aid.

3. **Internal:** 10 marks

**FOOD PRESERVATION**

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

**Objectives:**

1. To enable the students to develop skills in food preservation.
2. To encourage the students to use these skills at small scale level.

<table>
<thead>
<tr>
<th>Content</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Theory of Preservation : Need, importance, principles of food spoilage, principle of food preservation, various methods of food preservation</td>
<td>2</td>
</tr>
<tr>
<td>2. Development of skills in preparation of:</td>
<td></td>
</tr>
</tbody>
</table>
- Dried fruits and vegetables
  i. Sun drying (Curry leaves, mint, methi, coriander, cauliflower, amla, kair-sangri, guar-fali, amchur, onion, peas, kachri, red chillis)  
- Papad & Magodi
  - Juices
    i. Aloe Vera
    ii. Squashes
    iii. Lemon
    iv. Orange
    v. Pineapple
  - Syrups
    i. Rose
    ii. Khas
    iii. Chandan
    iv. Jellies
    v. Karonda
  - Jams
    i. Apple
    ii. Mixed fruit
    iii. Preserve (Murabba)
    iv. Carrot
    v. Amla
    vi. Ketchup sauce and chutney
    vii. Tomato Ketchup
    viii. Garlic Chutney
    ix. Tomato Chutney
    x. Imli Chutney
- Canning and bottling
  i. Green pea
  ii. Apple
  iii. Cauliflower
  iv. Frozen vegetables
    * Peas
    * Carrots
    * Cauliflower
    * Mango Pulp
- Pastes & Purees
  i. Onion
  ii. Garlic
  iii. Ginger
  iv. Tomato puree
• Pickles
  i. Mango
  ii. Mix Vegetables
  iii. Kair
  iv. Lasoda
  v. Chilli
  vi. Lemon

• Requirements to start a small scale unit
  i. Equipments
  ii. Finance
    * Loan options
    * Budgeting – calculation of selling price of the product
    * Book keeping

Examination scheme:

1. Major problem: 25 marks
   Planning and preparation of any one preserved food.
2. Minor problems: 15 marks
   Calculation of selling price of a given product.
3. Internal: 10 marks

KNOWLEDGE AND SKILLS BASED TRAINING FOR CHILDHOOD EDUCATORS

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

Background –
Early childhood years (birth to 8 years) are crucial for the development of children which is greatly influenced by early stimulation (birth to 3 years) and preschool education (3-8 years). This will cater to the needs of working parents/mothers who seek for safe custody of their children in crèches, preschool and day care centres. Early childhood educator plays a major role in shaping the development and laying strong foundation of young children. This practical will be useful for students to learn the skills and knowledge required to be an effective early childhood educator.

Objectives –
1. To develop communication skills in organising various developmental appropriate activities for young children.
2. To gain a clear insight of child’s developmental milestone & needs.
3. To develop insight about administration, management and supervision of early childhood

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Education Centres i.e. Crèches, Preschools and day care centres.

<table>
<thead>
<tr>
<th>Content</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Pre-Requisites:</strong> Identifying nearby crèches, preschool and day care centres.</td>
<td>(12 weeks)</td>
</tr>
<tr>
<td>- Preparation of activity calendar.</td>
<td></td>
</tr>
<tr>
<td>- Developing skills and characteristics of an ideal preschool teacher using different teaching strategies – task analysis scaffolding, storytelling, do it signals, dramatization demo field trips songs environmental cues.</td>
<td></td>
</tr>
<tr>
<td>- Participation with children in crèches, preschool and day care centres</td>
<td></td>
</tr>
<tr>
<td><strong>Course Content:</strong></td>
<td></td>
</tr>
<tr>
<td>- Teaching strategies for early childhood care and education</td>
<td>2</td>
</tr>
<tr>
<td>- Characteristics and qualifications of an early childhood educator.</td>
<td>2</td>
</tr>
<tr>
<td>- Developing communication skills in dealing with young children.</td>
<td>2</td>
</tr>
<tr>
<td>- Working in crèches, preschool and day care centres to develop administrative, managerial and supervisory skills in students.</td>
<td>2</td>
</tr>
<tr>
<td>- Administration, management and supervision of crèches, preschool and day care centres.</td>
<td>2</td>
</tr>
<tr>
<td>- Planning and implementing developmentally appropriate activities in crèches, preschool and day care centres.</td>
<td>2</td>
</tr>
</tbody>
</table>

**Examination scheme:**

1. **Major Problem : 25 marks**
   Planning and preparation of ECE activities in preschools and day care centres.
   Evaluation of crèches, preschool and day care centres.
2. **Minor Problem : 15 marks**
   Preparation of teaching aids – story books, songs poems, models, toys, aids etc.
3. **Internal : 10 marks**

**DYEING AND PRINTING**

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>
</tr>
</thead>
<tbody>
<tr>
<td>Make a scrap book with following</td>
<td>4</td>
</tr>
<tr>
<td>1. Different types of motifs</td>
<td></td>
</tr>
</tbody>
</table>

 signature
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- Floral - Natural and stylized
- Human - Natural and stylized
- Animal - Natural and stylized
- Abstract
- Geometrical

2. Make samples of different methods of printing and dying
   - Tie & Dye techniques (10 samples with different techniques)
     i. Marbling
     ii. Pleating & binding
     iii. Knotting
     iv. Twisting and coiling
     v. Bandhej
     vi. Stitching (Shibori)
     vii. Pegging, etc

Make any one Product - Table cloth with 6 napkins/Chunni / Saree/cushion & bolster set
   - Printing
     i. Block printing (samples)
       o Butti block to create all over effect
       o Borders & corners

Make any one Product - Table Mats/Table Napkins/Runners
   ii. Screen printing (Samples)

Make any one Product - Table mat / 'T' shirt / Cushion cover

Examination scheme:

1. Major Problem - 25 Marks
   Make a design for a product by combining any two techniques e.g. tie and dye, block and screen.

2. Minor - 15 Marks
   Make a sample of tie and dye using two colors and two techniques

3. Internal Marks - 10 Marks

EXTENSION ACTIVITY MANAGEMENT

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

Objectives:
1. To impart knowledge regarding process of extension activity management.
2. To develop the skills in organizing extension activity at the community level.

Practicals

1. Theoretical understanding of process of programme/extension activity management.
2. Organise following extension activities from the area of home science:
   - Workshop/seminar
   - Fair
• Exhibition
• Rally
could be taken up in rural/urban/slum community in a group on the basis of following steps-
• Identification of the activity - nature, duration, number of participants etc.
• Plan of the activity – selection of venue, resource management (men, material/infrastructure, and money), and delegation of responsibility.
• Scheduling of the activity
• Publicity of the activity
• Organising the activity
• Overall supervision
• Report writing

Examination scheme:

Total Marks: 50 marks

Major Problem: 20 Marks
Plan strategy to publicise the chosen extension activity and prepare any one aid out of them.

Minor Problem: 15 Marks
Prepare financial budget for the planned activity or prepare scheduling of activities according to allotted time.

Viva: 5 Marks

Internal: 10 Marks
Teaching: 3 Hours per Week per Theory Paper.

Examination:

<table>
<thead>
<tr>
<th>Scheme:</th>
<th>Min. Pass Marks</th>
<th>Max. Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Science – 54</td>
<td></td>
<td>150</td>
</tr>
<tr>
<td>Arts – 72</td>
<td></td>
<td>200</td>
</tr>
<tr>
<td>Paper – I</td>
<td>Algebra</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Duration 3 hrs.</td>
<td>Max. Marks</td>
</tr>
<tr>
<td></td>
<td></td>
<td>50 (Science)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>66 (Arts)</td>
</tr>
<tr>
<td>Paper – II</td>
<td>Complex Analysis</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Duration 3 hrs.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>50 (Science)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>66 (Arts)</td>
</tr>
<tr>
<td>Paper – III</td>
<td>Dynamics and Computer Programming in C</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Theory 2½ hrs.</td>
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<tr>
<td></td>
<td></td>
<td>32 (Science)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>44 (Arts)</td>
</tr>
<tr>
<td></td>
<td>Practical 2 hrs.</td>
<td></td>
</tr>
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<td></td>
<td></td>
<td>18 (Science)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>24 (Arts)</td>
</tr>
</tbody>
</table>

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 in 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: Algebra
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: Definition and simple properties of Groups and Subgroups. Permutation group, Cyclic group. Cosets, Lagrange’s theorem on the order of subgroups of a finite order group.

Unit 2: Morphism of groups, Cayley’s theorem. Normal subgroups and Quotient groups. Fundamental theorems of Isomorphism.


Paper II: Complex Analysis
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.


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Unit 3: Taylor’s theorem. Laurent’s theorem. Maximum modulus theorem.
Power series – Absolute convergence, Abel’s theorem, Cauchy-Hadamard theorem,
Circle and Radius of convergence, Analyticity of the sum function of a power series.

Unit 4: Singularities of an analytic function, Branch point, Meromorphic and Entire
functions, Riemann’s theorem, Casorati-Weierstrass theorem.
Residue at a singularity, Cauchy’s residue theorem. Argument principle. Rouche’s
theorem. Fundamental theorem of Algebra.

Unit 5: Conformal mapping. Bilinear transformation and its properties. Elementary
mappings: \[ w(z) = \frac{1}{2} \left( \frac{1}{z} + \frac{1}{z^2} \right), z^2, \text{sin}z, \text{cos}z, \text{and log}z. \]
Evaluation of a real definite integral by contour integration.

Paper – III: Dynamics and Computer Programming in C
Teaching : 3 Hours per Week
Duration of Examination : 2½ Hours
Max. Marks: 32 (Science)
44 (Arts)

Note: 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.

Unit 1: Velocity and acceleration – along radial and transverse directions, along
tangential and normal directions. S.H.M., Hooke’s law, motion along horizontal and
vertical elastic strings.

Unit 2: Motion in resisting medium– Resistance varies as velocity and square of
velocity. Work and Energy. Motion on a smooth curve in a vertical plane. Motion on the
inside and outside of a smooth vertical circle.

Unit 3: Central orbits – p-r equations, Apses, Time in an orbit, Kepler’s law of planetary
motion. Moment of inertia– M.I. of rods, Circular rings, Circular disks, Solid and Hollow
spheres, Rectangular lamina, Ellipse and Triangle. Theorem of parallel axis. Product of
inertia.

Unit 4: Programming languages and problem solving on computers, Algorithm, Flow
chart, Programming in C- Constants, Variables, Arithmetic and logical expressions,
Input-Output, Conditional statements, Implementing loops in Programs. Defining and
manipulation arrays and functions.

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

Examination: Duration: 2 Hours
Scheme Science Arts
Max.Marks 18 24
Min.Pass Marks 06 08
Distribution of Marks:
Two Practicals of

<table>
<thead>
<tr>
<th></th>
<th>Science</th>
<th>Arts</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>

The paper will contain TWO practicals. The candidates are required to attempt any two practicals.

Programming in C and execution for the result of
1. Solution of linear algebraic equations by Gauss elimination method
2. Solution of algebraic and transcendental equations by Bisection, False position and Newton – Raphson Methods
3. Solution of ordinary differential equations by Euler’s and Runge-Kutta 4th order method
4. Numerical integration by Trapezoidal and Simpson’s one third rule

Note:
1. Each Candidate (Regular/non-Collegiate) has to prepare his/her practical record.
2. Each Candidate has to pass in Practical and Theory examinations separately.
Scheme: Min. Pass Marks | Max. Marks
--- | ---
Arts | 72 | 200
Science | 54 | 150
Paper-I | 3 hours duration | Arts 100
 |  | Science 75
Paper-II | 3 hours duration | Arts 100
 |  | Science 75

Note: 1. There shall be two papers in each class. Each paper shall have 3 questions from every unit. In addition to these nine questions (3 questions for each unit) there shall be one multiple choice/objective type/short answer question in each of the two papers.

This question shall be compulsory.
2. The student shall be required to attempt five questions in all in each paper selecting at least one question from each unit and one compulsory multiple choice/objective type/short answer question.
3. The multiple choice/objective type/short answer question shall consist of 20 questions in B.A. Examination and 15 questions in B. Sc. examination of one mark each.
ECONOMICS

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.

Paper I: Introduction to International Trade, Development and Public Economics

Section – A


Section B

Section - C


Books Recommended:


Paper –II (a): Applications of Mathematics in Economics

Section-A

Differential Calculus and Integral Calculus: Applications in Economics; Matrix and Determinants. Solution of Simultaneous Equations; Maxima and Minima; Convexity and Concavity.

Commodity Case, Elasticity Form and Important Results; Income and Leisure - Derivation of Labour Supply Function and its Properties.

Section - B

Theory of Firm: Production Function- Properties of a Well Behaved and Homogeneous Production Functions - Cobb-Douglas and CES Production Functions; Product Curves; Output Elasticity of Factor Input; Properties of an Isoquant; Elasticity of Substitution of a Homogeneous Production Function- Linearly Homogeneous and Cobb-Douglas Production Functions; Optimization Behaviour of a Firm- Constrained Cost Minimization, Constrained Output Maximization and Profit Maximization; Input Demand Functions- Properties and Derivation of Producer's Input Demand functions; Cost Functions- Properties and Derivation of Short Run and Long Run Cost functions; Consumer's and Producer's Surplus.

Section - C

Linear Programming: Graphical and Simplex Method (Maximization Problem Only); Input-Output Analysis: Concepts of Static, Dynamic, Closed and Open Input - Output Models, Hawkins-Simon Conditions of Viability, Determination of Gross Output, and Value Added in Open Input - Output Model; Theory of Games: Two-Person Constant Sum Games, Zero-Sum Game, Maximin and Minimax, Dominant Strategies and Saddle Point Solution; First Order Difference Equation- Cobweb Model.

Note: Use of Non-Programmable Calculator is Permitted.

Books Recommended:

2. RGD Allen, Mathematical Economics, McMillan
Paper –II (b): Environmental Economics.

Section -A


Section -B

Development and Environment: The Environment Kuznets Curve; Trade and Environment; Environmental Problems; Trans-boundary Environmental Problems: Global Warming and Climate Change; Methods of Environment Valuation: Hedonic Pricing, Contingent Valuation Method and Travel Cost Method.

Section -C

International Environmental Policy: Conventions and Treaties, UN Effort to Protect the Environment, Stockholm, Rio, Johansberg, Agenda 21, OECD Environmental Committee Report, Kyoto, Convention on Biodiversity, Paris Climatic Conventions; Environmental Governance in India; WTO and Environment.

Recommended Books:

Paper -II (C): Economy of Rajasthan

Section-A


Section- B


Section- C


Books and Readings:

1. लक्ष्मीनारायण नापूरामका, राजस्थान की अर्थव्यवस्था, रमेश बुक डिपो, जयपुर
2. Economic Review, Directorate of Economics and Statistics, Jaipur
### 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>
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<tr>
<td>Paper I</td>
<td>Geography of Asia</td>
<td>Arts 75</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Science 50</td>
</tr>
<tr>
<td>Paper II</td>
<td>Geography of India</td>
<td>Arts 75</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Science 50</td>
</tr>
<tr>
<td>Practical</td>
<td>18</td>
<td></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.

**Signature**

By Registrar (Acad.)

University of Rajasthan
Jaipur
SYLLABUS

Paper I: Geography of Asia

Section A

Asia in the context of the world, geological structure, relief, drainage system, climate and climatic regions based on Koppen and Thronthwaite. Natural vegetation and soil regions, population: distribution, density and growth; trends of urbanization.

Section B

Agriculture: main characteristics and problems of Asian agricultural; distribution and production of major crops: rice, wheat, cotton, tea, coffee, sugarcane, rubber; problems and solutions of Asian agriculture, fisheries: distribution and production; mineral resources: distribution, deposits and production of iron ore, copper, mica, aluminium; power resources: distribution, deposits and production of coal, petroleum and natural gas. Industries: distribution and production iron and steel industry, cotton textile and paper industry; transport network and international trade in Asia.

Section C

Regional geography of Japan, China, Pakistan, Turkey and Indonesia in terms of physiography, climate, drainage pattern, soils, vegetation, minerals, agriculture, industry, human resources, trade, commerce and major geographical regions.

Recommended Readings:

मोरिया एवं अय्यर 2012: एशिया का भूगोल। साहित्य भवन, आगरा।
रव. दी.पी. एवं सतपथि, दी.पी. 2002: एशिया की भौगोलिक समीक्षा। बसुचंद्र प्रकाशन, गोरखपुर।
सतपथि, दी.पी. 1995: चीन की भौगोलिक समीक्षा। बसुचंद्र प्रकाशन, गोरखपुर।
सक्सेना, एन.एम. 2010–11: विश्व का प्रादेशिक भूगोल। रस्तोगी पब्लिकेशन्स, मेरठ।

Paper II: Geography of India

Section A

India in the context of South and Southeast Asia, geological structure, physiographic divisions, climate: seasons, mechanism of Indian monsoon, major climatic zones.
vegetation, major soils and regions; drainage system, water resources and irrigation projects; forests, mineral and power resources: their utilization policy and conservation strategies.

Section B

Agriculture: typology, major crops, changing pattern of crops, agricultural growth during plan period and green revolution, livestock resources and their development, industrial growth and development; industrial localization with reference to iron and steel, cotton textile, cement and chemical industries, industrial regions; population growth, distribution, problems, policy implication, trends of urbanization and human resource development.

Section C

Regional disparities in economic development, planning and economic regions of India, multilevel planning, problems and prospects of linking of rivers, environmental issues in India, transport development: rail, road, air and waterways, foreign trade: challenges and prospects.

Recommended Readings:

Gopal Krishnan, R. 2001: Geography of India, Jawaher Publishers & Distributions, New Delhi, 2nd Edition

Gujarati. आर.के. एवं जाट. बी.सी. 2013: भारत का बृहत भूगोल पंचशील प्रकाशन. जयपुर।

Khullar, D.R. 2006. India a comprehensive Geography; Kalyani Publishers, New Delhi
नागरिक. 1999: आधुनिक भारत का वृहत भूगोल। साहित्य भवन पुस्तकोंशाला. आगरा।


Tirtha, R 2000: Geography of India, Rawat Publications, Jaipur 2nd Edition (India)

विवाद, आर.सी. 2012: भारत का बृहत भूगोल। प्रयाग पुस्तक भवन, इलाहाबाद।

Practicals

Scheme of Examination

Min. Pass Marks: 18

| Written test | 24 |
| Field survey and viva voce | 10+04 |
| Record and viva voce | 08+04 |

Bifurcation of Marks

Max. Marks: 50

Time

3 hrs.

9 hrs.
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.

SYLLABUS

Section A

Definition, classification, uses and characteristic of map projection: (graphical constructions).
Conical projections:
1. with the one standard parallel
2. with two standard parallels
3. Bonne's
4. Polyconic
Cylindrical projections:
1. Equidistant
2. Equal Area
3. Mercator's, Universal Transverse Mercator (UTM)
4. Gall's Stereographic

Section B

Zenithal Projections: (Only Polar Case)
1. Equidistant
2. Equal Area
3. Gnomonic
4. Stereographic
5. Orthographic
Three dimensional diagrams: sphere, block pile, cube.

Section C

Plane table surveying: Equipments, procedure, traversing - open and closed traverse, methods- radial and intersection, concept of resectioning.
Height calculation using Indian pattern clinometer.

Recommended Readings:

चौहान, पी.आर. 2005: प्रायोगिक भूगोल। भुवनेश्वर प्रकाशन, गोरखपुर।
Singh, L.R. 2006: Practical Geography. Prayag Pustak Publisher, Allahabad U.P.
शामी, जे.पी. 2010–11: प्रायोगिक भूगोल की सूचना। रस्तों व रस्तें के अधिकार कार्य।
SYLLABUS
FOR
B.Sc./B.A. Pt-III  Exam 2019

Subject: Statistics
Marks Scheme

<table>
<thead>
<tr>
<th>Paper</th>
<th>Nomenclature</th>
<th>Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper I</td>
<td>Sample Survey</td>
<td>Science</td>
</tr>
<tr>
<td>Paper II</td>
<td>Design of Experiment and Computational Techniques</td>
<td>50 mark</td>
</tr>
<tr>
<td>Paper III</td>
<td>Practical based on Paper I,II</td>
<td>50 mark</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>150</td>
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</tbody>
</table>

Note:
In each Theory Question Papers, 10 (ten) questions will be set having 2 having 2(Two) from each unit. Candidates have questions in all, taking not more than one from each unit.

Dy. Registrar (Acad.)
University of Rajasthan
JAIPUR
Subject: Statistics

Paper -I
(Sample Surveys)

(Also common with Subject- Applied Statistics)

Unit-I


Unit-II

Probability and non-probability sampling: Methods of drawing a random sample from finite population, accuracy and precision of an estimator. Simple random sampling with and without replacement, probability of selecting any specified unit in the sample, simple random sampling of attributes, size of simple random sample for a specified precision.

Unit-III

Stratified random sampling: Meaning and advantages of Stratified Random Sampling, Estimation of the population mean and its variance. Optimum and proportional allocation and their comparison with SRS & SRS WOR.

Unit-IV

Systematic Sampling: Meaning and sample selection procedures, advantage and disadvantages, variance of the estimated mean, Comparison of systematic with (i) SRSWOR and (ii) stratified random sampling. Cluster sampling (of equal size): Meaning, advantages and disadvantages, estimation of population mean.

Unit-V


REFERENCES:


ADDITIONAL REFERENCES:

Subject: Statistics

Paper II
Design Of Experiments and Computational Techniques
( Also common with Subject- Applied Statistics)

Unit-I
Analysis of Variance: Linear model & its different types (only introduction), Analysis of Variance technique, ANOVA for one-way and two-way classified data (with one observation per cell & fixed effects model); Least Square Estimates of Sum of squares, Effects of violations of basic assumptions of ANOVA; Transformations, Critical Difference.

Unit-II
Design of Experiments: Need for design of experiments, fundamental principles of design of experiments, Uniformity Trials, Choice of size and shape of plots, Basic designs (with one observation per cell & fixed effects model)- Completely randomized design (CRD), Randomised block design (RBD)- Their advantages and disadvantages & usage. Efficiency of RBD over CRD.

Unit-III
Latin square design (LSD)- Analysis; least square estimates; expectation of sum of squares; efficiency of LSD over CRD & RBD, Missing plot technique- Estimation of single missing value in RBD & LSD. Factorial experiments- $2^2$, $2^3$ experiments, illustrations, main effects, interaction effects & their analysis.

Unit-IV
Computer Application and Data-Processing: Basics of Computer: Operations of a computer, Different units of a computer system like central processing unit, memory unit, arithmetic and logical unit, input unit, output unit etc. Hardware including different types of input, output and peripheral devices, Software, system and application software, number systems, Operating systems, packages and utilities, Low and High level languages, Compiler, Assembler, Memory- RAM, ROM, unit of computer memory (bits, bytes etc.).

Unit-V

REFERENCES:
1. Das M.N. & Giri N.C. (1986). Design and Analysis of Experiments. Springer Verlag
ADDITIONAL REFERENCES
Subject: Statistics

Paper III
Practical Paper

(Also Common with Subject: Applied Statistics)

1. To draw a SRS with and without replacement to obtain an estimate of the population total along with the estimates of their variances. Comparing the efficiency of SRSWR with SRSWOR. Finding of confidence interval for the population mean.

2. To draw all the possible samples by SRS-technique and that to show that expected value of the sample mean equals the population mean to show expected value, $E(S^2) = S^2$ in SRSWOR.

3. Stratified sampling (i) estimate the sample sizes by (a) proportional allocation (b) Neyman optimum allocation (ii) estimate the mean to the population under the above scheme (iii) calculation of the sampling variance (iv) Comparison of efficiencies of the allocation scheme amongst themselves as well as with SRS.

4. Systematic sampling
5. Cluster sampling.
7. Analysis of one way classification (CRD).
8. Analysis of two way classification (RBD).
9. Analysis of LSD.
10. Efficiency of RBD over CRD.
11. Efficiency of LSD over CRD & RBD.
12. Analysis of $2^2$ & $2^3$ factorial design.
# Applied Statistics

**SYLLABUS**

**FOR**

B.Sc./B.A. Pt-III - Exam 2019

**Subject: Applied Statistics**

<table>
<thead>
<tr>
<th>Paper</th>
<th>Nomenclature</th>
<th>Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper I</td>
<td>Sample Survey</td>
<td>50 mark</td>
</tr>
<tr>
<td>Paper II</td>
<td>Design of Experiment and Computational Techniques</td>
<td>50 mark</td>
</tr>
<tr>
<td>Paper III</td>
<td>Practical based on Paper I,II</td>
<td>50 mark</td>
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<td></td>
<td><strong>Total</strong></td>
<td>150</td>
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</tbody>
</table>

**Note:**

In each Theory Question Papers, 10 (ten) questions will be set having 2 having 2 (Two) from each unit. Candidates have questions in all, taking not more than one from each unit.

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Dy. Registrar (Acad.)
University of Rajasthan
JAIPUR
Subject: Applied Statistics

Paper - I
(Sample Surveys)

(Course Contents are same as that of Subject- Statistics)

Paper II
Design Of Experiments and Computational Techniques

(Course Contents are same as that of Subject- Statistics)

Paper III
Practical Paper

(Course 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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<table>
<thead>
<tr>
<th>Paper</th>
<th>Nomenclature</th>
<th>Duration</th>
<th>Max. Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Positive Psychology</td>
<td>3 Hrs.</td>
<td>75</td>
</tr>
<tr>
<td>II</td>
<td>Psychological Testing and Assessment</td>
<td>3 Hrs.</td>
<td>75</td>
</tr>
<tr>
<td>III</td>
<td>Practicals</td>
<td>3 Hrs.</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 15 marks for Arts students and 10 marks for Science students. Thus, Part-C will be of 45 marks for Arts students and 30 marks for Science students.
For clarification the distribution of marks is tabulated as below:

### ARTS

<table>
<thead>
<tr>
<th>Section</th>
<th>No. of Questions</th>
<th>Marks</th>
<th>Total</th>
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<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>
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<td><strong>75</strong></td>
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### SCIENCE

<table>
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<th>Marks</th>
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<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>
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<tr>
<td><strong>Total Marks</strong></td>
<td></td>
<td><strong>50</strong></td>
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</table>

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

**Paper-I:**

**Positive Psychology**

**Section A**

1. Introduction: Definition, Goals and Assumptions of Positive Psychology; Relationship with other Branches of Psychology

2. Happiness: Meaning, Hedonic and Eudaemonist Viewpoint; Positive and Negative Affect; Theoretical Viewpoints; Determinants and Sources; Authentic Happiness; Enhancement of Happiness and Wellbeing.

Section B

4. Virtues and Strengths of Character: Classification and Measures of Human Strengths, Gallup's Clifton Strength Finder; VIA Classification; Identifying Personal Strengths.

5. Resilience: Meaning and Sources; Developmental and Clinical Perspective; Successful Aging and Growth through Trauma.


Section C

7. Mental Health and Well-Being: Subjective Well-Being and Life Satisfaction, Social Well-Being and Psychological Well-Being, Complete State Model.

8. Emotional Intelligence: Meaning, Components and Theories; Enhancement of Emotional Intelligence.


Books Recommended:


Paper-II:

Psychological Testing and Assessment

Section-A

1. Human Assessment: Nature and Scope
2. Theories of Measurement: Campbell’s Theory, Steven’s Contribution, Problems in Psychological Measurement.

Section-B

4. Reliability: Meaning, Types and Methods of Calculating Reliability.
5. Validity: Meaning, Types and Methods of Calculating Validity.

Section-C


Books Recommended:

Paper-III
Practicals
1. Measurement of Subjective Wellbeing
2. Measurement of Forgiveness
3. Measurement of Emotional Intelligence
4. Measurement of Attributional Styles
5. Measurement of Resilience
6. Measurement of Intelligence (SPM)
7. Personality Assessment through HSPQ
8. Reaction Time
9. Mullar Lyer Illusion
10. Measurement of Level of Aspiration
TEXTILE-CRAFT

SCHEME: BA/B.Com PART-III Exam 2018

<table>
<thead>
<tr>
<th>Duration</th>
<th>Max mark</th>
<th>Min mark</th>
</tr>
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<tr>
<td>3Hrs</td>
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<tr>
<td>3Hrs</td>
<td>30</td>
<td>22</td>
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<tr>
<td>3Hrs</td>
<td>35</td>
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</tr>
<tr>
<td>3Hrs</td>
<td>35</td>
<td>25</td>
</tr>
</tbody>
</table>

1. Theory:
   - Paper-I
   - Paper-II

2. Practical:
   - Paper-I
   - Paper-II

3. Submission:
   - Paper-I
   - Paper-II

Syllabus (Theory):

Paper-I: Weaving Theory II

UNIT-I

1. Types of Spinning: Mechanical and Chemical
   Mechanical spinning process: picking, ginning, combing/carding, drawing etc. Types of chemical spinning-melt spinning, dry spinning and wet spinning.

2. Types of Yarns: Simple and Fancy
   Simple yarn: single and double/plied/folded yarn

3. Calculation of resultant count for folded yarn
UNIT-II

1. Manmade and Synthetic fibres
   Man-made fibres: Basic methods of producing rayon fibre, Different types of man-made fibres
   Synthetic fibres: Different types of synthetic/chemical fibre, method of their production, properties of polyester fibre, nylon fibre, glass fibre.

2. Silk and Wool
   Production, spinning, properties and uses of silk, different types of silk
   Classification of wool, wool spinning process, difference between woollen and worsted fabric

3. Concept of Mixing and Blending, Basic difference between mixing and blending. Concept of Staple and Filament fibre; difference between staple fibre and filament fibre

UNIT-III

1. Derivatives of Twill weave: Broken weave, Herringbone weave and Diamond weave

2. Towel weaves: Huckaback and Honeycomb; quality of yarn and weave selected for towels

3. Concept of shedding mechanism; Dobby and Jacquard shedding mechanism
Paper-II: Dyeing Theory II

UNIT-I

1. Dye molecule; Concept and Importance of Chromophores and Auxochrome in a dye
2. Objectives of Fabric finishes; different mechanical and chemical fabric finishes; Determinants of finishes
3. Different types of natural and synthetic dyes.

UNIT-II

4. Method of direct printing: Screen printing; colour preparation and screen preparation
5. Discharge and Resist printing; different styles of discharge and resist printing
6. Factors affecting colour fastness: composition of fibre, chemical structure of dye, techniques of dyeing/printing, addition of other useful additives

UNIT-III

7. Importance of fabric finishes
8. Different types of chemical finishes- crease resistant finish, water proof finish, fire proof finish, moth proofing finish and absorbency finish.
**Practical (Paper-I):**

1. Concept of yarn twist (S twist and Z twist) and plied yarn (single and double yarn)

2. Calculation of Ends and Picks per inch in given piece of fabric

3. Towel weaves preparation using paper strips

**Practical (Paper-II)**

1. Screen preparation (simple tracing method)

2. Table cover preparation by screen printing

**Submission (paper-I)**

1. Assessment of yarn and fabric samples

2. Assessment of weave samples

**Submission (paper-II)**

1. Assessment of samples

2. Any one article using screen printing

**Practical Examination Scheme:**

Major Problem: 20 Marks

Minor Problem: 15 Marks
Reference books:


23. INVESTIGATIVE BIO-TECHNOLOGY

Scheme:
Paper—I Theory 3 Hrs. Duration 40 Marks

Paper—II Field Work and 40 Marks
Practical Experience

Practical 120 Marks Min. Pass Marks 42
8 Hrs. Duration in two days.

Paper—I Parasitology, Systemic Pathology & Laboratory Management
Section - A

PARASITOLOGY:
1. Identification and outline of life cycle relevant to laboratory diagnosis of the following:
(i) Giardia (ii) E.H. & Other Intestinal amoebae
(iii) Trichomonas  
(iv) Plasmodia
(v) Laisamania  
(vi) Tenia
(vii) Trichiaris  
(viii) Anchyllostoma
(ix) Ascaris  
(x) Oxyris
(xi) Guinea Worm  
(xii) Filaria.

Section - B

ELEMENTARY TOXICOLOGY:
1. Introduction to Toxicology (history)
2. Classification of Poisons.
3. Fatal dose and fatal period of Chemical poisons.
4. Detection of Metallic Poisons.
5. Detection of Toxic anions.
7. Detection of Insecticides (Organo Phosphorus, Organo Chloro and Carbamates).
8. Detection of Plant Poisons (Alkaloidal and Glycosital)
10. Screening test for common poisons. (Literature and books on Toxicology).

Section - C

LABORATORY MANAGEMENT:
1. Design and lay out of the analytical laboratory.
2. Receipt of material and record-keeping.
3. Laboratory administration.
4. Prevention of laboratory accidents and laboratory infection.
5. Care of laboratory animals.
6. Collection and preservation of the material.
   — Water
   — Food ingredients
   — Prepared food
   — Milk and cold drinks
   — Fruit, Cane juice and the cream
   — Stool
   — Sewage
   — Blood and other materials connection with problems of health diseases and pollutants.
7. Transportation of these materials.
8. Presentation of the data including basic statistical methods.
   Work for 60 days in any laboratory connected with Biochemical Microbiological, Serological, Hematological and Pathological analysis recognised by the University.

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Paper—II : Field Work and Practical Experience

Paper - I Theory 3 Hrs. Duration 40 Marks
Min. Pass Marks 15

Paper-II Field work and Practical Experience 40 Marks
3 Hrs. Duration Min. Pass Marks 15
Practical 120 Marks Min. Pass Marks 42
8 Hrs. Duration in two days.

The students will be required to work for atleast 50 hours in any Laboratory connected with above. A project will be submitted during practical examination to be examined by a board of examiners for practical consisting of at least one external examiner.

PRACTICAL
(75×3 periods) Max. Marks 120 Min. Pass Marks 42
8 Hrs. Duration in two days.

Unit - I : Microbiology
1. Skin scripting and their digestion for demonstration.
2. Fungi and preparation of wet mounts of exulaes for rungal examination.
3. Preparation and stains used for identification of fungi.
4. Demonstration of bacteriology of water, milk and food.

Unit-II : Protozoology
2. Warm slide technique for trophozoties and wet mounts for Protozoa.
3. Demonstration of cysts of E.G.-M. coli, Giardia etc.
4. Staining and examination of Blood for M.P.
5. Demonstration of trichomonas in vaginal smears.

Unit-III : Helminthology
1. Demonstration of adults worm.
2. Examination of Blood for microfilaria.
3. Collection and preservation of stool for helminthic intestine.
4. Demonstration of various Helminthic ova.
5. Examination of water for cyclops.

Unit-IV : Biochemistry
1. Estimation of total and direct bilirubin for liver function test.
2. Chemical analysis for drinking water.

Unit-V : Serology
1. V.D.R.L. Qualitative and quantitative.
2. Wasserman reaction (WR)
3. Rosawaltter Test and Rehumatoid Factor (R.F.)

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5. C.R.P. (C. reactive Proteins)

Unit-VI: Hematology
1. Revision of a staining of blood film and bone marrow smears.
2. Bleeding time, clotting time, Platelet count.
3. Prothrombin Time (P.T.)
SECTIONS-A INTRODUCTION TO FASHION

1. Fashion terminology, sources of fashion, factors influencing fashion.
2. Fashion forecasting and fashion cycle.
3. India and international fashion designers (five each).
4. Sociological and psychological significance of clothing.

SECTION-B MANUFACTURING TECHNOLOGY

5. Product development, design development, developing a sample garment.
6. Apparel production
   i. Costing a garment
   ii. Purchasing pattern making
   iii. Production scheduling
   iv. Spreading and cutting procedure
   v. Contracting
   vi. Garment assembly

7. Introduction to industrial machine-
   i. cutting: round, straight and band
   ii. fusing: collars, facing
   iii. sewing: chain stitch, lock stitch, button hole, blind stitching

8. Use of components and trims-
   i. performance and properties of components and trims.
ii. labels and motifs

iii. linings and interlinings

iv. face, braids, elastics

v. fastners', loops

vi. seam binding and tapes

vii. shoulder pads, eyelets

SECTION-C

DYEING AND PRINTING

Application of design:


   ii. Styles of printing – direct, discharge and resist.

10. Dyeing – Introduction to natural and synthetic dyes

    (acid, basic, sulphur, vat, reactive and direct dyes)


References:


SECTION – A

1. International Marketing: nature and scope of international marketing.
2. International marketing v/s domestic marketing.
3. Importance of international marketing.
4. Problems and challenges of international marketing.
5. Selection of agents.

SECTION – B

6. Identification of markets for readymade garments.
7. Market entry conditions.
8. Channels of distribution.
9. Direct and indirect export.
10. Trade fair and Exhibitions.

SECTION – C

11. Pricing, role of price and non price factors, factors influencing pricing, price quotation, information needed for export pricing.
12. Role of trading and export houses.
13. Institutional segments and packaging for exports: packing material, boxing and pressing department, machinery and equipments used in packaging department.
14. Quality control.
15. Labeling and consumer protection.
B.SC./B.A./B.COM.PART-III

PRACTICAL – 1

FASHION ILLUSTRATIONS

B.A./B.COM.-M.M. 50

B.SC.-M.M. 25

1. Prepare an adult’s bodice and sleeve block.

2. Sketching and designing of men/women garments (5 each)

3. To prepare with specific details of necklines and sari blouses. (20)

4. To identify patterns and its application for women designer dress on fashion figures:

Types of patterns include -

i) Structural

ii) Geometrical

iii) Stripes and plaids

iv) Floral

5. Design and prepare an adult dress for fashion shows

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B.SC./B.A./B.COM.PART – III

PRACTICAL – II

DYEING AND PRINTING

B.A./B.COM.-M.M. 60  
B.SC.-M.M. 25

1. Prepare and article of each:
   i) Dyeing – tie and dye, batik.
   ii) Printing – block, screen, stencil

2. Field trips to Export houses and mass production centers.

3. Exhibition:

References:

2. Ireland, fashion designing drawing and presentation.
3. Prayag: technology of textile printing.

Shenai: technology of dyeing
University of Rajasthan

265 राजस्थानी

इसमें दो प्रश्न-पत्र होंगे:
प्रथम—प्राचीन राजस्थानी साहित्य एवं निबंध
द्वितीय—राजस्थानी भाषा तथा राजस्थानी साहित्य का इतिहास

परीक्षा योजना  
प्रथम प्रश्न-पत्र  
द्वितीय प्रश्न-पत्र  
पूर्णांक 72  
समय 3 घंटे  
समय 3 घंटे  
पूर्णांक 200  
अंक 100  
अंक 100

प्रथम पत्र: प्राचीन राजस्थानी साहित्य एवं निबंध:

(क) एक प्रश्न 'व्याख्या' से संबंधित (कुल दो व्याख्याएँ)  
(ख) दो प्रश्न-प्रश्नक अनुप्रयोग पर एक-एक आलोचनात्मक प्रश्न  
(ग) एक प्रश्न निबंध  
$2 \times 16 = 32$  
$2 \times 20 = 40$  
$1 \times 28 = 28$

निबंध अन्वेषण: राजस्थानी भाषा में लिखना होगा।

यह राजस्थानी भाषा के कितने भी क्षेत्रीय रूप में लिखा जा सकता है।

पादश्लेषण:

1. राजस्थानी साहित्य संग्रह, भाग प्रथम, सम्पादक-नरेंद्र दास स्वामी, राजस्थान प्राची विद्या प्रतिष्ठान, जोधपुर।

(इस संग्रह में संकलित खासी गंगेश नीराव रो दोपतर को छोड़कर शेष अंक यथाक्रम रहेंगे।)

2. होला मारू रा दूहा-संपादक-स्वामी, रामसिंह पारीक, नगरी प्रचारिणी सभा, वाराणसी।

(इसमें से आधम के 100 दोहे पादश्लेष में रहेंगे।)

सहायक यंगेश:

1. प्राचीन काव्यों की रूप परम्परा, अगरचंद नाहटा, भारतीय विद्या मंत्र सोध प्रतिष्ठान, बीकानेर।

2. होला मारू रा दूहा—दो. शंभूसिंह मनोहर। स्वेटेन्ड बुक कंपनी, चौधरा रास्ता, जयपुर।

द्वितीय प्रश्न-पत्र: राजस्थानी भाषा तथा राजस्थानी साहित्य का इतिहास

परीक्षा योजना  
प्रथम प्रश्न-पत्र  
द्वितीय प्रश्न-पत्र  
पूर्णांक 72  
समय 3 घंटे  
समय 3 घंटे  
पूर्णांक 200  
अंक 100  
अंक 100

इसमें पाँच प्रश्न होंगे। 2 प्रश्न राजस्थानी भाषा में तथा 3 प्रश्न राजस्थानी साहित्य के इतिहास से संबंधित होंगे। प्रश्नके प्रश्न 20 अंक का होगा। $5 \times 20 = 100$

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(क) राजस्थानी भाषा से संबंधित राजस्थानी भाषा का उद्देश्य और विकास
राजस्थानी की विशेषताएँ-राजस्थानी की विभिन्न बोलियाँ, उनकी विशेषताएँ, उनके
क्षेत्र, हिंदी-पिनाक हिंदी और राजस्थानी।
(ख) राजस्थानी साहित्य के इतिहास से संबंधित-काल विभाजन-आरम्भिक काल,
मध्य काल तथा आधुनिक काल, इन कालों की प्रमुख प्रवृत्तियाँ, काव्य धाराएँ, गछ
विधाएँ, प्रमुख रचनाएँ और रचिता। राजस्थानी लोक साहित्य का सामान्य परिचय।
सन्दर्भ ग्रंथः
1. पुरानी राजस्थानी-डॉ. टैसीटरी, अनुवादक-डॉ. नायकसिंह, नारायण प्रचारिणी सभा,
बेंगलुरु।
2. राजस्थानी भाषा, डॉ. मुनीकलिकार चट्टोपाध्यायी, साहित्य संस्थान, उदयपुर।
3. राजस्थान का भाषा संबंध, जार्ज प्रेयर्सन अनुवादक डॉ. आत्माराम जाजिया
राजस्थानी भाषा प्रचार सभा भंगी, जयपुर।
4. राजस्थानी भाषा और साहित्य—डॉ. भोटीलाल मेनैरिया, हिंदी साहित्य सम्पादन,
प्रकाश।
5. राजस्थान का पिङ्गल साहित्य—डॉ. भोटीलाल मेनैरिया, हिंदी पुस्तक भण्डार,
उदयपुर।
6. आधुनिक राजस्थानी साहित्य प्रेरणा शोध और प्रवृत्तियाँ—डॉ. किरण नाहटा, विनय
प्रकाशन, चौंड़ा रास्ता, जयपुर।
7. राजस्थान का लोक साहित्य, नारायण संस्कृति, संस्कृत केंद्र, बोखंड (जोधपुर)।

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### 26. SHEEP AND WOOL
(To be offered by the Collegiate student of Shri B.D. Todi College, Lacchmangarh (Sikar) only)

**Scheme:**
- Min. Pass Marks: Theory 48
- Min. Pass Mark: Practical: 24
- Max. Theory 132 Marks
- Max. Practical 68 Marks

<table>
<thead>
<tr>
<th>Paper</th>
<th>Duration</th>
<th>Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper-I</td>
<td>3 Hrs.</td>
<td>66</td>
</tr>
<tr>
<td>Paper-II</td>
<td>3 Hrs.</td>
<td>66</td>
</tr>
<tr>
<td>Practical</td>
<td>4 Hrs.</td>
<td>68</td>
</tr>
</tbody>
</table>

**Syllabus:**

**Paper—I: Wool Grading and Processing:**
- Grading of Wool: Fine, medium, strong, coarse, white, light yellow, heavy yellow, burru, stained, black. Spinning counts for

**Scheme:**
- **Min. Pass Marks:** Theory 48, Max. Theory 132 Marks
- **Min. Pass Marks:** Practical 24, Max. Practical 68 Marks
- **Paper-I:** 3 Hrs. Duration, 66 Marks
- **Paper-II:** 3 Hrs. Duration, 68 Marks
- **Practical:** 4 Hrs. Duration, 68 Marks

**Syllabus:**

**Paper-II: Marketing of Sheep and Sheep Products:**
- Common practice of sale procurement of sheep and sheep products. Important sheep products and their uses: Wool, mutton skin, bone, manure, milk etc.
- Marketing of wool-regulated markets of wool particularly of Rajasthan, Wool Mandis-Krishi Upaj Mandi, Sheep and Wool Federation, regulations etc.
- Wool handling, storage, packing, transportation etc.
- Mutton marketing: Mutton Production, potential of Rajasthan and relative position in the country. Existing marketing system of mutton. Establishment of modern abattoirs and their utility, common by-products of sheep slaughtered and their relative economic value. storage preservation of meat.
- Market intelligence and pricing pattern and trends of sheep and sheep products.
- Sheep and wool entrepreneurship: Financing agencies and resources mobilisation. Assistance from Banks, State Government, Cooperative etc.

Practicals 4 Hrs. Duration each 68 Marks
(Based on Paper I & II) Min. Pass Marks 24

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27 & 28. LIVESTOCK & DAIRYING
(Pragya Mahavidyalaya, Bijai Nagar and Govt. College, Rajgarh)
Scheme:
Min. Pass Marks: Theory 48
Max. Theory 132 Marks

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Min. Pass Mark : Practical : 24  Max. Practical 68 Marks
Paper-I  3 Hrs. Duration  66 Marks
Paper-II  3 Hrs. Duration  66 Marks
Practical  4 Hrs. Duration  68 Marks

Paper—I : Livestock Products, By-Products and Their Uses
3 Hrs. Duration  66 Marks
1. Meat Slaughter houses, method of slaughtering meant hygiene, storage, preservation and marketing.
2. Skin—Method of skinning, types of skin, its preservation, tanning, dyeing uses, various products of skin.
3. Horns, hoofs, Bovines, intestines—collection, processing and uses.
4. Wool Shearing, grading, processing and uses.
5. Animal wastes—Gobar, blood, urine, their collection, storage, processing and utilization. Composts and manures.
7. Milk by-Products skin milk, ghee, butter milk and their uses, manufacture of elastin.

Paper—II : Dairy Economics

Scheme :
Min. Pass Marks : Theory 48  Max. Theory 132 Marks
Min. Pass Mark : Practical : 24  Max. Practical 68 Marks
Paper-I  3 Hrs. Duration  66 Marks
Paper-II  3 Hrs. Duration  66 Marks
Practical  4 Hrs. Duration  68 Marks
3 Hrs. Duration  66 Marks
1. Dairy Economics—Its definition meaning and scope, importance of the study of dairy economics in relation to India and Rajasthan.
2. Consumption of dairy products—demand and supply of milk and milk products in India and Rajasthan, Determination of price, price and income, elasticities of demand, cross elasticity.
3. Production of dairy products, principles of production and applied to milk and milk products, costs of production, law of diminishing returns, least cost combination, opportunity cost principles enterprise combinations, comparative advantage.

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4. Profit/efficiency measures, measures on a dairy farm—gross income, net income, return to factor of production as labour income, return to capital, return to management, etc. Efficiency measures for Labour, capital, Livestock production index, Economics of dairy farm vis-a-vis, mixed farms, Basic ideas of personnel management.

5. Marketing of dairy products—The nature and problems of marketing in dairy products and how they differ from farm products, marketing functions, marketing agencies & institute Live stock markets and cattle fair, marketing costs & margins.

6. Budgeting and planning on dairy farms.

7. Dairy Cooperatives—History, development, Organization and set up dairy cooperatives in India and abroad, role and types, problems and suggestions for improvement.


Practicals:

4 Hrs. Duration  68 Marks

1. Study of slaughtered carcases of an animal—determination of proportions of edible and non-edible parts, bones and flesh, dressed percentage.

2. Preservation of skin.


4. Preparation of decorative items from horns and hoofs.

5. Preparation of case in, its storage and disposal.


7. Determination of overall and wet average yields of animals.

8. Working out the requirements for starting a dairy with different number of animals.

9. Working out the cost of milk production under different conditions of management and production.

10. Preparation of credit proposal for starting a dairy farm with different number of animals.

11. Visit to dairy farms, lead banks and their financing institutions.

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Min. Pass Marks = 32
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 one from each section.

Paper-I Research Methodology in Anthropology

UNIT-I

Nature of Anthropological Research. An introduction to major theoretical Perspectives: Evolutionism (Morgan, Tylor); Diffusionism (Kroeber); Functionalism (Malinowski)

UNIT-II

History of field work in Anthropology. Concept and relevance of Social Research. Steps in Scientific Research. Definition and Delimitation of Problem

UNIT-III

Techniques of Data Collection: Primary Interview, Observation, Questionnaire, Schedule, Case-Study Method. Secondary sources of data collection: Census, Historical documents and Personal documents.

Lists of Books

Paper-II Society and Culture in India

UNIT-I

Characteristics of Indian Culture: Purushartha, Varma, Niyastha, Ashram, Pathristha, Sanskara.

UNIT-II


UNIT-III

Nature of Indian diversity and problems of National integration. Social and Cultural problems in Development.

List of Books:


Pratap Singh. 2000. भारतीय समाज, जयपुर, रावत पब्लिकेशन।

कुमार अश्वद्ध. 2006. भारतीय परम्परा का आधुनिकीकरण, जयपुर, रावत पब्लिकेशन।
DRAMATICS

(Revised Syllabus)

Paper-I Western and Oriental Acting Theories - Theory
Duration - 3 Hours Max. Marks - 50 Min. Pass Marks - 18

I. Study of acting styles in:
   a. Greek Theatre with reference to Sophocles
   b. Elizabethan Theatre with reference to Shakespeare
   c. Renaissance Theatre with reference to Molliert
   d. Realistic Theatre

II. Selective study of Poetics

III. Study of Stanislavski and Method Acting

IV. Study of Acting in Epic Theatre of Brecht

V. Study of Oriental theatre with reference to Japanese Kabuki, Noh and Bunraku

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VI. Study of following plays:
   a. Greek Plays
      1. Oedipus - Sophoclese
      2. Antigone - Sophoclese
   b. Elizabethan Plays
      1. Othello - Shakespeare
      2. Merchant of Venice - Shakespeare
   c. Renaissance Plays
      1. Mock Doctor - Mollier
      2. Miser - Mollier
   d. Realistic Plays
      1. Doll’s House
      2. House of Bernada Alba
   e. Epic Plays
      1. Good Woman of Setzuan - Brecht
      2. Three Penny Opera - Brecht

Books Recommended:
1. History of Theatre - Oscar Brockett
2. Introduction to Theatre - Frank M Whiting
3. Natyakala ke Teen Sahastra Varsh - Sheldon Chenny (Tr. Sitaram Chaturvedi)
4. An Actor Prepare - Stanislavski (Tr. Vishwanath Mishra)
5. Arastoo Ka Kavyashastra - Dr. Nagendra
7. Brecht on Theatre - Tr. John Willett
8. All the plays prescribed in Ch. VI

Paper-I : Scene Designing:
   b. Definition and study of basic Principles of Scene Designing.
   c. Study of Conventions of Natyashalas un Natyasatra.
   d. Functions and Different Forms of Scenery.
   e. Study of the Process of the Scene Construction

Paper—I : Acting Practical:
Max. Marks : 50 Min. Marks 18 Duration 4 hrs.
   a. Enactment and Dramatic narration of observations.
   b. Practical Study of Class gestures, Master gestures and their importance.
c. Street Plays and Group Improvisations.
d. Participation in production of any one the play prescribed in the Paper-I.
e. Submission of Workbook and Assignments.

Paper—II : Scene Designing

Practical
Max. Marks : 50 Min. Marks 18 Duration 4 hrs.
(a) Cross Section of Theatre Building.
(b) Rough Sketches and Mechanical Drawing such as Plans Elevations. Working drawings, Cross Sections, Isometric, Orthographic and Perspective Drawings.
(c) Model making of a Set.
(d) Submission of Workbook and Assignments

Books Recommended :

Paper-I : Acting
2. Creating a Role, K. Stanisalavsky.
3. Hindi Abhinav Bharti, Vishweshar.
4. Brech on theatre (Selected chapters) Tr. John Willet.

Paper-II : Scene Designing
1. Designing and Painting for Theater Lynn, Pecktel.
2. Sceneriography and Stage Technology, W.F. Bellman.
VOCATIONAL SUBJECTS
3Q COMPUTER APPLICATIONS
(Under Graduate Courses)
B.A./B.Com./B.Sc. Part III

Paper-I  Computer Aided Drafting  50  65
Paper-II  Advanced Topics in Computers  50  65
Paper-III  Report, Report on the Job training and entrepreneurship, Development  50  70
Practical  Programming Laboratory  50  70

On-the-job training 4 weeks  50  70
The duration of these paper will be 3 hours.

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Paper-I
COMPUTER AIDED DRAFTING
Introduction to AUTOCAD/ROBOCAD or a similar package. Advanced features of these package. Drawing the plan of a building using AUTOCAD etc. Analysis features of AUTOCAD.

Paper-II
ADVANCED TOPICS IN COMPUTER
Computer animation. Artificial intelligence. Desiccated computer. ATMs. Data encryption. Data communication and networking (Course to be modified every to take care of the latest development). Visits to computer industry.

Practical:
Design of layout of a building. Design of interior of its rooms. Printing and plotting the prepared drawings.

Practical:
Design of layout of a building. Design of interior of its rooms. Printing and plotting the prepared drawings.
It will also include Project Report. Report on the job training and Entrepreneurship development.
## 31. INDIAN HERITAGE IN RURAL HANDICRAFTS
### B.A. Part III

<table>
<thead>
<tr>
<th>Scheme</th>
<th>Max. Marks</th>
<th>Min. Pass Marks</th>
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<tbody>
<tr>
<td>1. Practical Paper I 5 Hrs. Duration</td>
<td>70</td>
<td>25</td>
</tr>
<tr>
<td>2. Practical Paper II 5 Hrs. Duration</td>
<td>70</td>
<td>25</td>
</tr>
<tr>
<td>3. Submission</td>
<td>60</td>
<td>22</td>
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<td>220</td>
<td>72</td>
</tr>
</tbody>
</table>

### Syllabus

- **Paper I practical 5 Hrs. Duration**
  - Max. Marks: 70
  - Min. Pass Marks: 25

  - a) Clay modelling (sculpture)
  - b) Ceramics and pottery

- **Paper II practical 5 Hrs. Duration**
  - Max. Marks: 70
  - Min. Pass Marks: 25

### Wood work

- a) Fabrication of toys, sculptures
- b) Furniture

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Submission work: Max. Marks 60 Min. Pass Marks 22

Note (1): Submission work will be submitted to the head of the departments 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.

B.A. Part-III
Paper-I Scientific Principles of Sports Training & Coaching
Duration: 3 Hrs. Total Periods: 104 Max. Marks: 100

Note: The paper will contain ten questions having at least two questions from each unit. Candidates are required to attempt five questions in all taking at least one question from each unit.

Unit-I

I. Sports Training
   (a) Definition of the terms.
      (i) Conditioning
      (ii) Training
      (iii) Coaching
   (b) Definition, aim and characteristics of Sports Training.
   (c) Principles of Sports Training.

II. Training and Load
   (a) Important features of training load.
      (i) Intensity
      (ii) Density
      (iii) Duration
      (iv) Frequency.
   (b) Principles of Training load
   (c) Overload
      (i) Causes
      (ii) Symptoms

Unit 2

Motor Components
(i) Strength
   (a) Types of strength
   (b) Characteristics of Strength
   (c) Factors determining Strength

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(ii) Endurance
   (a) Form of Endurance
   (b) Importance of Endurance
   (c) Characteristics of Endurance
   (d) Types of Endurance
(iii) Speed
   (a) Form of Speed
   (b) Factors of determining speed
(iv) Flexibility
   (a) Importance
   (b) Meaning
   (c) Types
   (d) Factors determining flexibility
(v) Coordinative abilities
   (a) Characteristics
   (b) Importance
   (c) Types
   (d) Classification

Unit 3
(a) Technique tactic & Planning
   (i) Meaning
   (ii) Definition of skill
   (iii) Techniques and Technical training
   (iv) Characteristics of Techniques
   (v) Aims of Techniques
   (vi) Methods of Technique Training
   (vii) Causes and Correction of Faults
(b) Tactics
   (i) Meaning
   (ii) Principles of Tactical Preparation
   (iii) Training Process
(c) Planning: Principle of planning, type of planning
(d) Physical fitness & their effect

Unit 4

Unit 5
Psycho-Sociological aspects of Sports Training.

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(a) Competition
   (i) Functions of Competition
   (ii) Competition Frequency
   (iii) Preparation for Competition
      (Psychological preparation)
(b) Role of Motivation in Sports.
(c) Leadership in Sports Book
(d) Group behaviour in Sports Book
(e) Audience and Sports Performance

Reference Books (Third year)
   (Translation from Russian) Mu. Publisher, Moscow, 1981.
10. Davis R.J. Ball C.R. Rescree J.V. Roscoe D.A.
    Physical Education and the Study of Sports Wolfo publishing Ltd.

Paper-II Duration 4 Hrs. Max. Marks : 100
Practicals: Mandatory Change
1. Specialization game, one which the student had opted for last two year as major game. Test will be conducted in its skill.
   Rules and regulation and officiating.
   Note: Specialization skill test consist of the following for the various games.
   A. (i) Hockey - Harbans Singh Hockey Test.
      (ii) Basketball - Johnson Basketball ability test.
(iii) Volleyball - Bardy Volleyball test.
(iv) Badminton - Lockart and MC-Pherson Badminton test.
(v) Soccer - Mc Donald Soccer test.

B. Specialization Record book

VI. Any one has to be opted:
(A) Secondary game
   (a) Secondary game
      (i) Basketball
      (ii) Volleyball
      (iii) Handball
      (iv) Hockey
      (v) Cricket
      (vi) Football
   (b) Track and field (Heptathlon)
      (i) High jump
      (ii) Shotput
      (iii) 200 mt.
      (iv) Long jump
      (v) Javelin
      (vi) 800 mt.
(B) Racket game - Badminton
(C) Yoga Asanas

The scheme of Examination B.A. Part-I, II and III in Physical Education subject laid down as per University other optional subjects.

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33. 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 examination separately.

Paper-I

Health Education

Time : 3 Hours      Max. Marks 60      Min. Pass M. 22

Unit-I

Meaning of Health Education, its need and scope for college students; aims, objectives and principles of Health Education.

Unit-II

Concept of Health and Fitness; the importance of health to individual, family, community and the State; Meaning of Mental Health and its relationship with Physical health.

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Unit-III

Balanced diet and nutrition, misconceptions about food, function of food in the body, essential body nutrients and other components of food, required diet for sportsman, adverse effects of tobacco, alcohol and intoxicating drugs.

Unit-IV

Need and importance of personal hygiene, environmental hygiene, food hygiene, communicable disease and its posture-common postural defects, their causes and remedies.

Unit-V

Importance and general principles of safety education for preventing accidents in physical Education and sports. Common accidents in games and sports and its first aid treatments.

Books for Reference :

13. अन्यत्र सिद्ध और अन्य शास्त्रीय शिक्षा स्वाभाविक एवं शैक्षिक की आत्मनिहत्त (भी.पा. I) : कब्जानी पल्लिकेच्या तुलियाना।
14. अन्यत्र सिद्ध और अन्य: शास्त्रीय शिक्षा स्वाभाविक एवं शैक्षिक की आत्मनिहत्त (भी.पा. पार्ट I व III) : कब्जानी पल्लिकेच्या तुलियाना।
15. मोहनदास नाही और दीर्घकाल ए.के.: शास्त्रीय शिक्षा का इतिहास: शास्त्रीय रोकने हामी क्रियाकरण लक्षांक।
16. मोहनदास नाही और दीर्घकाल ए.के.: शास्त्रीय शिक्षा में शिक्षण विधि शास्त्रीय रोकने क्रियाकरण लक्षांक।
17. पारिवर्तन समीक्षण: शास्त्रीय शिक्षा की प्रवृत्ति: मेट्रोपोलिटन कुरु नं. प्रा. दि., नई दिल्ली।
18. सिद्धांत मध्यन्त: शास्त्रीय शिक्षा पश्चात्त, पत्रिकाधारित एवं इतिहास: राज्यांमध्ये पल्लिकेच्या तुलियाना।
19. माध्यम & प्रश्न: सहर रचना, किंवा शास्त्र, स्वाभाविक शिक्षा, सुधार्या शिक्षा, प्राथमिक शिक्षा और आधुनिक: राज्यांमध्ये पल्लिकेच्या तुलियाना।
20. कल्पना एवं प्राचीन: शास्त्रीय शिक्षा के इतिहास एवं इतिहास: प्रवाह बद्दल तुलियाना।
21. एवं मेन्यू प्रशासन: शास्त्रीय शिक्षा का संस्थान एवं विषयों: राज्यांमध्ये पल्लिकेच्या तुलियाना।

Paper-II
Test and Measurement

Time: 3 Hours Max. Marks 60
Min. Pass Marks: 22

Unit-I: Introduction
1. Meaning of tests, measurements & Evaluation, Need & Importance of Tests & Measurement in Physical Education.

Unit-II: Fundamental of Statistics
1. Measures of Central Tendency—Meaning, uses and Calculation from Frequency Tables.
2. Graphical representation of Data—Meaning uses and Techniques.
Unit-III : Test Evaluation and Construction
1. Item to be included in Objective and Subjective tests.
2. Criteria of tests selection.
3. Administration of Testing programme.

Unit-IV : Measurement of Physical Fitness and Skill Performance
1. Fitness Tests : Apear, JCR Test, Candid Fitness test.
2. Sports skill Tests : Johnson Basketball Ability Test, MC Donald Soccer Test, Dribble and Goal Shooting Test in Hockey.

Unit-V
Dimensions and Marking of Playfields Football, Volleyball, Basketball, Cricket, Hockey and Badminton.

Books Recommended:
10. अस्तिरे सिद्ध और अन्य शारीरिक शिक्षा स्वास्थ्य एवं खेलों की आनुष्ठानिक पाठ्यपुस्तक (भौ. III) कन्याओं पाठ्यक्रम तद्योग्यता।
11. अस्तिरे सिद्ध और अन्य शारीरिक शिक्षा स्वास्थ्य एवं खेलों की आनुष्ठानिक पाठ्यपुस्तक (भौ. III) कन्याओं पाठ्यक्रम तद्योग्यता।
12. शोभनद बाहदित और धर्मकेश दु.क. : शास्त्रीय शिश्न का इतिहास : दालीगंज रेलवे ज़ाइलिंग लाखनऊ।
13. शोभनद बाहदित और दीक्षित दु.क. : शास्त्रीय शिक्षा के इतिहास : दालीगंज रेलवे ज़ाइलिंग लाखनऊ।
14. खानेय वासुकिकनन्त : शास्त्रीय शिक्षा की शिक्षण पद्धति : मैट्रिकलिप्त 1 विभ. के. प्रा. लि., नई दिल्ली।
15. रिहाना अरोफ़ कुलान : शास्त्रीय शिक्षा तथा शिक्षण, पश्चिमी एवं इंटेरिएल : श्रीयांस पश्चिमीकशन कुछपुर।
16. भाति प्र.प्र. और चोला बेते हिंद : शरीर यवन, किश्त शाक्त, स्त्राश्म शिक्षा, सुदर्शन शिक्षा, प्रत्यक्ष अन्निक्षा और अहरां : श्रीयांस पश्चिमीकशन कुछपुर।
17. कुन्रोषा और संग्राह : शास्त्रीय शिक्षा के मिश्रित व इतिहास : प्रमाण पत्ता पुष्पिकनन।
18. वेदनार राजेन्द्र प्रसाद : शास्त्रीय शिक्षा का संग्राम व विधियाँ : श्रीयांस पश्चिमीकशन कुछपुर।

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