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Scheme Of Examination
B.A. Part III Examination
(Under 10+2+3 Pattern)

R.11 (2)

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

- First Division 60% of the aggregate marks obtained at the
- Second Division 48% of Part I, Part II & III Examination, taken together

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

Optional Subjects: (Any three of the following subject to the restriction as mentioned in O. 203 - I)

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\[Signature\]

Dy. Registrar
(Academic)
University of Rajasthan
JAIPUR
5. Sanskrit
6. Philosophy
7. History
8. Political Science
9. Indian Music
10. Public Administration
11. Drawing & Painting
12. Sociology
13. German
14. French
15. Home Science
16. Mathematics
17. Economics
18. Geography
19. Statistics
20. Applied Statistics
21. Psychology
22. Textile Craft
23. Investigative Bio-Technology
24. Garment Production & Export Management
25. Rajasthani
26. Sheep & Wool
27. Live Stock & Dairying
28. Anthropology
29. Dramatics
30. Vocational Computer Application
31. Indian Heritage in Rural Handicraft
32. Physical Education

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, Mathematics, Economics, Geography and psychology will be set both in the Faculties of Social Science and Science. The allocation of marks will however be different as mentioned in the booklet of syllabus.
ENGLISH LITERATURE
BA Part III
2019

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. Foundation Books, 2005.

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*
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.)
आयुष्मिक काव्य

1. अशोक सिंह उपाध्याय हरीश्चandra
   प्राय ब्रह्मास - सर्ग 6 प्रथम 40 छंद

2. मैथिलिसरण गुप्ता
   साकेत - नवम सर्ग
   1. बैठने तू भी मली बनी ........ पाक्क प्राण धनी
   2. निर्दोष सखी ये खंজन आये ........ अन्धु सूखा कर लाये
   3. विश्व संग अभिमान भी .............. और एक संसार भी
   4. दोनों और प्रेम पतला है ............. मुझे यही खलता है।
   5. आ आ मेरी निदिष्या गृंढी ........ नेमाज़वर हूँ जी ।
   6. कहती मैं, चाहते ही बोल ............ उर के कल-कलीली
   7. सति निऱिष्ठ नदी की धार ............. आगे नदीं सहारी

यशोधरा

3. जयशंकर प्रसाद
   कामायनी - श्रद्धासर्ग - प्रथम 20 छंद
   आंसू - से-रोकर सिस्क-सिस्क कर कहता............. कुछ सच्चा स्वयं बना था।

4. सुमित्रानन्दन पंत
   1. प्रथम शरीम
   2. मीन निमन्त्रण
   3. दूत झरो

5. अशोक
   1. बाबस्वर अहेश्री
   2. भीतर जागा दाता
   3. साप
   4. यह दीप अकेला

6. गुप्तविवेक
   1. जन जन का चेहरा एक
   2. दूर-तारा
   3. खोल आंखें

7. धूमिल
   1. प्रोढ शिखर
   2. मोघीराण
8. दुःखन्त

1. इस नदी की धार में ठंडी हवा आती है, नाव जर्र ही सही, लहरों में टकराती हो जाती है।
2. खेड़हर बने हुए हैं, इमारत नहीं रही, अच्छा हुआ कि सर पे कोई छत नहीं रही।
3. परिनदे अब भी पर तोले हुए हैं, हवा में सनसनी घूले हुए हैं।
4. एक कबूतर, चित्रणी लेकर, पहली-पहली बार उड़ा, मौसम एक गुलेल लिये था पट से नीचे आन गिरा।
5. एक गुड़िया की कई कठपुतलियों में जान है, आज शायर, ये तमाशा देखकर हैरान है।
6. होने लगी है जिसम में जुबिल तो देखिए, परकटे परिनदे की कोशिश तो देखिए।
7. अब किसी को भी नजर आती नहीं कोई दरार, घर की हर दीवार पर चिपके हैं इतने इस्तहार।
8. हो गई है पीर पर्वत-सी पिघलनी चाहिए, इस हिमालय से कोई गंगा निकलनी चाहिए।
9. बाढ़ की संभावना अंग्रेजी में आते हैं, और नदियों के किनारे घर बने हैं।

खण्ड – ‘ब’

आधुनिक हिन्दी कविता की प्रमुख प्रवृत्तियाँ – राष्ट्रीय काव्यवाचा, छायावाद, प्रगतिवाद, प्रयोगवाद और नई कविता

अंक विभाजन

खण्ड – ‘अ’

कुल बार व्याख्याएँ (एक कवि से केवल एक व्याख्या) (आन्तरिक विकल्प देय) 4 x 10 = 40 अंक

कुल तीन निबंधालाख प्रश्न – एक कवि से संबंधित एक ही प्रश्न (आन्तरिक 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. रामचंद्र शुक्ल – क्रोध
3. हजारी प्रसाद द्विवेदी – भारतीय साहित्य की प्राणशक्ति
4. नंद दुलारे याजपेयी – छायावाद
5. रामविलास शर्मा – संत साहित्य की ऐतिहासिक भूमिका
6. यशवंतप्रसाद मिश्र – मेरे राम का मुकुट भी ग्रह रहा है
7. कुंवर नाथ दास – मधुर-मधुर रसराज
8. दरिंशंकर परसाई – पहिला सफेद बाल
9. निर्मल वर्मा – साहित्य में प्रासंगिकता का प्रसन

ख – काव्य शास्त्र

1. अलंकार – परिभाषा तथा महत्व
   अनुप्रास, यमक, श्लेष, उपमा, रूपक, उद्धेश्य, विभावना, अपन्धि
2. छंद – परिभाषा तथा महत्व
   दोहा, वृत्तांक, छप्पन, रोला, मालनी, शिखरणी, दुर्विलमिति, हरिगीतिका
3. रस – परिभाषा, रस के अवयव और रस सिद्धांत
4. गुण – मधुर, ओज, प्रसाद
5. शब्द शक्ति – अभिधा, लक्षण, व्यजना

अंक विलोकन

कुल चार व्याख्याएं – एक निबंध से एक व्याख्या (आत्मार्थिक विकल्प देय) 10 x 4 = 40 अंक
dो अलोचनात्मक प्रसन – निबंध से संबंधित (आत्मार्थिक विकल्प देय) 15 x 2 = 30 अंक
खण्ड 'स' में से एक प्रसन रस और अलंकार से संबंधित (आत्मार्थिक विकल्प देय) 15 अंक
खण्ड 'स' में रो छंद, गुण, शब्द शक्ति पर टिपणी (आत्मार्थिक विकल्प देय) 7½ x 2 15 अंक
3. B.A. Part-III Urdu —
Paper-I (Jadeed Asnaf-e Adab)

M.M.: 100
1. Jadeed Nazam
2. Azad Nazam
3. Moarra Nazam
4. Nasri Nazam
5. Perody
6. Report Taaz Nigari
7. Khaka
8. Inshaiya
9. Khuutoot Nigari
10. Savane Nigari

Division of Marks:

Unit I  Ten short answer type question.  20
Unit II Question on Nazam Nigari  20
Unit III Question on Perody & Report Taaz Nigari.  20
Unit IV Question on Khaka & Inshaiya  20
Unit V Question on Khuutoot Nigari & Savaneh Nigari  20
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 Nazam Aur Europi Asrat-By Hamidi Kashmiri
2. Urdu Khake Nazar-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)

M.M.: 100
1. Urdu Adab Ka Aaghaz-o-Irtiqa up to 1957.
2. Fort William College Ki Adabi Khidmat.
3. Sir Syed Tehreek
4. Dabistan-e-Delhi
5. Dabistan-e-Lucknow

Books Prescribed for translation from Persian to Urdu:
1. Gulha-e-Farsi Published- By Kitabistan, 30 Chak Road, Allahabad.

Division of Marks:

Unit I  Ten Short Answer type question.  20
Unit II Essay on a literary topic.  20
Unit III Translation from English, Hindi & Persian into Urdu  20
Unit IV Urdu Adab Ka Aghaz-o-Irtiqa Dabistan-e-Delhi & Dabistan-e-Lucknow.  20
Unit V Question on Sir syed Tehreek, Fort William College  20
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 Hasan Hashmi
4. Luknow Ka Dabistane Shairi-By Abdulla Siddiqui
5. Sir Sayed Aur Aligarh Tehreek-By Khaleeq Nizami
6. Fort William College Ki Adabi Khidmat E. T. K. Wala Begum

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Persian

Prose & Poetry

Paper-I

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

Book Prescribed

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

   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 Bazargan-Ba-Drost 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
      ur-Razih A-Siyah (b) Asasheh-Buzangan

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

1. Rubaiyat-e-Umarkhayyam (21 to 30)
   Qasida Urfi
   E-Mttaa 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-Adabiyyate 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-Adabiyyat-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) Elkhan Period:
(i) Tarikh-e-Jahankusha (ii) Jamu-ul-Tawarikh
(iii) Tarikh-e-Wassaf (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 Timurid Period 20
(i) Hafiz & his Contemporaries (ii)Jami and His Works
(iii) Critical Study of Obed Zakania Safarist

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 Habeeb Quani

Unit-4 Short Note on the following Important Histories, Memories & Biographic of Qachar Periods. 20
(i) Nasik-ut-Tawareekh (ii) Riyazul Arfeen wa Majmausaafa
(ii) Tarikh Muntazim Nasri (iv) Nama-e-Danishwaran

Unit-5 Translation of Five Urdu Sentences into Persian 10

Note: Unit-3 Both A and B Questions are compulsory

Total 100
भी.ए. संस्कृत तृतीय वर्ष (2019)

गन्नान्य निर्देश –
1. प्रत्येक परीक्षा में दो-दो प्रश्नपत्र होंगे।
2. प्रत्येक प्रश्नपत्र में न्यूनतम उत्तरांक 36 तथा पूर्णांक 100 होंगे और समय 3 पग्टे का होगा।
3. परीक्षा का माध्यम हिंदी/अंग्रेजी होगा , परन्तु प्रश्नपत्र केवल हिंदी में बनाया जायेगा। परीक्षार्थी को छूट होगी कि वह हिंदी, संस्कृत अथवा अंग्रेजी में किसी एक भाषा में उत्तर दे सके । यदि परीक्षा के किसी प्रश्न विशेष के लिए भाषा का निर्देश 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 प्रथन में से अनुवाद, व्याख्या, सरलार्थ एवं समालोचनात्मक प्रश्न पूरे जाओंगे।
6. प्रत्येक प्रश्नपत्र में 10 प्रतिशत अंक संस्कृत भाषा में उत्तर के लिये निर्धारित हैं।
7. प्रत्येक प्रश्नपत्र में दो भाग होंगे, जिसमें प्रथम 'अ' भाग लघूतरात्मक 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. तिकन्त-लघूतरात्मक कौमुदी के आधार पर ‘भू’, एवं एषु धातु की लटे लोटे, लुढ़, लड़ एवं विस्तिरित इन पाच लकारों में एवं समस्त गणों की प्रथम धातुओं की लटे लकार में रूपसिद्धि एवं सूत्रों की सोहाहरण व्याख्या
   40 अंक

कुल योग 100 अंक

अंक- विभाजन

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Dy. Registrar
(Academic)
University of Rajasthan
JAIPUR
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<td>2 प्रश्नों में से एक प्रश्न प्रश्न यूग है।</td>
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<td>4 में से 2 की व्याख्या (एक व्याख्या संपूर्ण में) अपेक्षित है।</td>
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<td>10 सूत्र पूर्वक किन्हीं 5 की संदर्भण व्याख्या अपेक्षित है। प्रश्न व्याख्या 2 अंक निर्दिष्ट।</td>
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<td>10 शब्द में सिद्ध हुए पूर्वक किन्हीं 5 शब्दों की सूत्र निर्देशपूर्वक सिद्ध। प्रश्न व्याख्या 2 अंक हेतु 2 अंक</td>
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**सहायक पुस्तकें**

(क) तर्कसंग्रह - अथवा एवं कोटास, पुणा
(ब) गीता
- भगवद्गीता- गीताप्रेस, गोरखपुर
- भगवद्गीता, विद्वान पुस्तक मंदिर, आगरा
- गीता रहस्य-तिलक
- भगवद्गीता 2,3,4 अध्याय, डॉ. शिवसागर तिरंगडी
- श्रीमद्भगवद्गीता (2,3,4 अध्याय)- व्या, डॉ. राजेन्द्रप्रसाद शर्मा, जगदीश संस्कृत पुस्तकालय, जयपुर
(ग) व्याकरण
1. लघूसिद्धांत कौमुदी-तिलक प्रकरण-डॉ. पुष्कर दत्त शर्मा, अजमेरा बुक कंपनी, जयपुर
2. लघूसिद्धांत कौमुदी-पं. श्री हरेकान्त मिश्र, भारतीय विद्या प्रकाशन, दिल्ली
3. पाणिनीय व्याकरण का अनुशीलन आर एस भट्टाचार्य, इंडोलिजिकल बुक हाउस, बनास
4. लघुसिद्धान्त कौमुदी-हिंदी व्याकरण, डॉ. अर्कनाथ चौधरी, आयुर्वेद इन्दिरा संस्कृत पुस्तक मंड़ा, जयपुर
5. लघुसिद्धान्त कौमुदी- भीमसेन शास्त्री
6. लघुसिद्धान्त कौमुदी- महेशसिंह कुशवाह, चौखंडा संस्कृत प्रतिष्ठान दिल्ली।
7. लघुसिद्धान्तकौमुदी-हिंदी प्रकरण, डॉ.सुभाष वेदालंकार, अलंकार प्रकाशन, जयपुर
8. तरसंग्रह- व्याकरण डॉ. दयानंद भागवत, सोमदास बनर्जी, नई दिल्ली

द्वितीय प्रश्नपत्र- काव्य, धर्मशास्त्र, एवं निबन्ध

समय : उघण्डे  
अंक-100

द्वितीय प्रश्न पत्र के दो भाग होंगे, जिसमें ‘अ’ भाग धार्मिक (स्वतन्त्र) एवं लघुतर प्रश्नों का होगा। ‘ब’ भाग में निबन्धात्मक प्रश्न होगे। ‘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 सर्ग (इंदुमति स्वयंवर) 20 अंक
2. महाभारत (व्यास) -उदयग पर्व, विदुरस्ती (34-35 अध्याय) 20 अंक
3. रामायण (वालनीकि) बालकाण्ड, प्रथम सर्ग 20 अंक
4. इंद्रविजय, नामधेय प्रकरण, पं. महेशूदन ओझा 20 अंक
5. निबन्धरचना -संस्कृत में 20 अंक
कुल योग 100अंक

अंक- विभाजन

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प्रश्नपत्र निर्माता के लिए निर्देश

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कुल अंक योग: 100 अंक
इंद्रविजय

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2. इंद्रविजय—डॉ. श्रीकृष्ण ओझा, राजप्रकाशन मंदिर, चौजा सारस्त, जयपुर

निबंध रचना

1. प्रबन्ध रत्नाकर, श्री आर सी शुक्ल।
2. प्रस्ताव तरिकी—श्रीवासुदेव शास्त्री।
3. संस्कृत निबंधलर्ताकर—शिवप्रसाद भार्दवाज।
4. संस्कृत निबंधकलिका डॉ. रामजी उपाध्याय।
5. संस्कृत निबंधादर्श डॉ. रामपूर्ति शर्मा।
6. संस्कृत निबंध एवं व्याकरण—पं. चण्डीप्रसाद।
7. निबंध—विनिधा—कृष्णदेव उपाध्याय, चौक्षिमा संस्कृत प्रतिश्चान, दिल्ली।
8. निबंध—विनेश—रामाभव शास्त्री, चौक्षिमा विद्यामंदिर, वाराणसी।
9. निबंध शताब, कलीलदेव हिंदीदी, चौक्षिमा विद्यामंदिर, वाराणसी।
10. निबंध जन्मजी, डॉ. रामपूर्ति आचार्य आगरा प्रकाशन, दिल्ली।
11. निबंध आदर्श, म.म. श्री गिरिश शर्मा चंद्रवेशी, चौक्षिमा संस्कृत प्रतिश्चान, दिल्ली।
12. संस्कृत निबंध रचना, डॉ. श्रीकृष्ण ओझा, राज प्रकाशन मंदिर, जयपुर।
13. संस्कृत निबंध पारिषद, डॉ. सुमाश वेदांलकर, अलंकार प्रकाशन।
14. संस्कृत निबंध, डॉ. नन्दकिशोर गौतम एवं श्रीकृष्ण बिहारी भारती।

अध्याय

द्वितीय प्रश्नपत्र ‘ब’—भारतीय ज्योतिष, तिथि निर्णय एवं पंचांग परिचय

समय: 3घण्टे

अंक—100

इस प्रश्न पत्र के दो भाग होंगे, जिसमें ‘आ’ भाग बहुविकल्पीय (सत्तुनिष्ठ) एवं लघुतर प्रश्नों का होगा। ‘ब’ भाग में निविधतम प्रश्न होंगे। ‘आ’ 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 सेव दो घण्टे की अवधि निर्धारित है। 10 अंक संस्कृत भाषा का माध्यम से उत्तर देने के लिए निरीक्षित है।

पाठ्यक्रम

1. भारतीय ज्योतिष के प्रारंभिक सिद्धांतों का परिचय

(क) शैवधर्म (काशीनाथ देवकिशोर) — प्रथम प्रकरण (लतापातादि दस योग रहित) 30 अंक
(ख) फलित प्रभोधिनी (विनोद शास्त्री) 40 अंक

2. तिथि—निर्णय के सामान्य सिद्धांत, प्रमुख ग्रन्थ तथा पंचांग का सामान्य परिचय — काल के 30 अंक
में, वर्ष के पूर्व वर्ष, अम्बु, ऋतु, मास, उत्स, तिथि, क्षय, जुलू संक्रांतिनिर्णय, दानादि, अवधिसमय—उत्सास में व्यक्तिबाद, मलमास, कर्म के में एवं निर्णय, प्रदेशप्रदि, जन्मदिनी, 
गणेशचुरुण, रामनवमी, नवरात्र ध्यान, महावत (आह्व), दीपावली, होलिका आदि का सामान्य ज्ञान अपेक्षित है। पंचांग परिचय में तिथि, वार, नक्षत्र, वार, योग, करण का ज्ञान तथा ध्यान की सहायता से गुण मिलान, विवाह मुद्दात निर्णय, गृहरोध, यथायोग आदि जानने की शीर्ष का ज्ञान 
अपेक्षित है।
<table>
<thead>
<tr>
<th>क्र.</th>
<th>नाम पुस्तक</th>
<th>लघूत्तरात्मक प्रश्न</th>
<th>अंक</th>
<th>निवचालक प्रश्न संख्या</th>
<th>अंक</th>
<th>कुल अंक</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>(क) शीघ्रबोध</td>
<td>05 (लघू)</td>
<td>10</td>
<td>02</td>
<td>21</td>
<td>10+20 =30</td>
</tr>
<tr>
<td></td>
<td>(ख) फलित प्रभोधिनी</td>
<td>04 (लघू)</td>
<td>08</td>
<td>02</td>
<td>28</td>
<td>08+32 =40</td>
</tr>
<tr>
<td>2</td>
<td>तिथि–निर्णय व पंचांग परिचय</td>
<td>06 (लघू)</td>
<td>12</td>
<td>02</td>
<td>21</td>
<td>12+18 =30</td>
</tr>
<tr>
<td></td>
<td></td>
<td>15</td>
<td>30</td>
<td>06</td>
<td>70</td>
<td>100</td>
</tr>
</tbody>
</table>

प्रश्न पत्र निर्माता के लिए निर्देश–

1. भारतीय ज्योतिष
   (क) शीघ्रबोध
   5 लघूत्तरात्मक प्रश्न प्रति प्रश्न 2 अंक।
   10 अंक
   4 निवचालक प्रश्न पूछकर 2 प्रश्नों के उत्तर अभीष्ट – प्रति प्रश्न 10 अंक निर्धारित
   20 अंक
   (ख) फलित ज्योतिष
   4 लघूत्तरात्मक प्रश्न प्रति प्रश्न 2 अंक।
   08 अंक
   4 निवचालक प्रश्न पूछकर 2 प्रश्नों के उत्तर अभीष्ट – प्रति प्रश्न 16 अंक निर्धारित
   32 अंक

2. तिथि–निर्णय व पंचांग परिचय
   6 लघूत्तरात्मक प्रश्न प्रति प्रश्न 2 अंक।
   12 अंक
   4 निवचालक प्रश्न पूछकर 2 प्रश्न का उत्तर अभीष्ट। (पंचांग परिचय संस्कृत में)
   18 अंक

सहायक पुस्तकें–

1. शीघ्रबोध – प. काशीनाथ देवज्ञ, चौधर्म खेतर, वाराणसी
2. फलित प्रभोধिनी–डॉ. विनोद शास्त्री, राजस्थान ज्योतिष परिषद् एवं शोध संस्थान, जयपुर
3. तिथि–निर्णय के प्रमुख सिद्धांत एवं विशिष्ट तिथि पर्व निर्णय प्रकाशक–राजस्थान ज्योतिष परिषद् एवं शोध संस्थान, जयपुर
4. पंचांग का सामान्य परिचय, प. शिवजय शास्त्री एवं विकास शर्मा, प्रकाशक– राजस्थान ज्योतिष परिषद् एवं शोध संस्थान, जयपुर
5. विभिन्न प्रकाशित पंचांगों की सहायता भी ग्राहा है, जिसमें अधिक पंचांग प. दामोदर शर्मा कृत प्रयोग है।

21. Dy Registrar (Acting)
B.A. Part III - 2019

6. PHILOSOPHY

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

General Instructions:

(1) 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 up to 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 be required to write detailed answers in the answer sheet only. If syllabus (course content) 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. Students 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 content) 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 सन्दर्भाएँ, प्राकृति नियम का अर्थ.
Yaqub Masih: Religious Philosophy (Hindi edition available).
H.N. Mishra: धर्मदर्शन का परिचय.
V.P. Verma: धर्मदर्शन की मूल समस्याओं.
L.N. Sharma: धर्मदर्शन.

Paper II: Samkhya Yoga

Unit A:
1. Isvaksrsna'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 (suras 1 to 3 only)

Books Prescribed:
Patanjali Yoga Sutra Pradeep. Geeta press, Gorakhpur, U.P.
(Hindi translation available) English Trans. by Prasad Ram Chaukhambha, Varan

paper III: Plato

Prescribed Reading: The Republic, Plato

Suggested Readings:
Dr. Zakir Hussain: नागरिकता (रिपब्लिक का हिन्दी अनुवाद).
R.S. Bhatnagar: नागरिकता (रिपब्लिक का हिन्दी अनुवाद).
Paper IV: Logic (Indian)

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

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

Suggested Readings:
- Annambhatta : Tarkasangraha
- Dharmakirti : Nyayabindu.
- Yasovijaya : Jaina Tarka Bhasa.
- S.S. Barlingay : A Modern Introduction to Indian Logic.
- F.Th. Stchebatsky : 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
1. Nature of Socio-political Philosophy
3. Democracy: Conceptual forms, Major theories and challenges
4. Political Ideologies: Fascism, Capitalism, Marxism and Socialism

Section-B
5. Humanism; Secularism; Multiculturalism.
7. Feminism: Major streams, Woman Empowerment
8. Caste Discrimination: Gandhi and Ambedkar

Suggested Readings:
- O.P. Gauba : An Introduction Social Political Philosophy
- हृदय नारायण मिश्रा : समाज दर्शन सैद्धांतिक एवं समस्यात्मक विवेचन
- शिवमानु सिंह : समाज दर्शन का सर्वश्रेष्ठ 24
किशनानु सिंह
के.से. वाणिक
श्री एन. सिंह
तथा प्रो. उदय शंकर

: समाज दर्शन का सर्वेक्षण
: समाज एवं राजनीतिक दर्शन (राजस्थान हिंदी ग्रंथ अकादमी, जयपुर)
: समाज दर्शन एवं राजनीतिक दर्शन (आशा प्रकाशन, इलाहाबाद)

**********

Dy. Registrar
University of Rajasthan
JABUUR
The scheme of examination will be as follows:

**Scheme:**

<table>
<thead>
<tr>
<th>Paper</th>
<th>Marks</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper I</td>
<td>200</td>
<td>3 hrs.</td>
</tr>
<tr>
<td>Paper II</td>
<td>100</td>
<td>3 hrs.</td>
</tr>
</tbody>
</table>

Minimum Pass Marks 72

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.

नयनम उत्तीर्णक 72

प्रथम प्रश्नपत्र समय 3 घंटे अंक 100

तितली प्रश्नपत्र समय 3 घंटे अंक 100

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

प्रत्येक प्रश्नपत्र के दो भाग होंगे। प्रथम भाग 40 अंक का होगा एवं इस भाग में दो अनिवार्य प्रश्न होंगे। 20 अंकों के प्रथम अनिवार्य प्रश्न में, दो-दो अंक के 10 अनिवार्य अतिलघु उत्तरात्मक प्रश्न होंगे। प्रत्येक उत्तर की शीर्ष सीमा 20 शब्द।

20 अंकों के तितली अनिवार्य प्रश्न में, चार-चार अंकों के 10 लघुउत्तरात्मक प्रश्न होंगे जिनमें से 05 प्रश्न करने होंगे। प्रत्येक उत्तर की शीर्ष सीमा 50 शब्द।

प्रश्नपत्र के तितली भाग में, पाठ्यक्रम के तीन खण्डों में से, प्रत्येक खण्ड से दो-दो प्रश्नों का चयन करते हुए, कुल 06 निर्दिष्टात्मक प्रश्न होंगे। प्रत्येक प्रश्न 20 अंक का होगा। परीक्षार्थियों को प्रत्येक खण्ड में से कम से कम एक प्रश्न का चयन करते हुए कुल 03 पश्न हल करने होगे। प्रश्नपत्र का यह भाग 60 अंकों का होगा।
PAPER I: HISTORY OF MODERN INDIA (1761 - 1971 A.D)

Section - A


Section - B

प्रथम प्रसन्नपत्र : आधुनिक भारत का इतिहास (1761-1971 ईस्वी)

खण्ड - ३

अध्याय १

अधर्मी वास्तव के स्वातंत्र्य में भारत। मदर्श परिसंपंथ, इसकी शक्ति एवं दुर्बलता - अंग्रेजों से संघर्ष एवं भारतों का पतन। ब्रिटिश सासन का विस्तार एवं बुझाहरकरण - बंगाल, मैसूर, अकबर, सिंह एवं पंजाब - सहायक संधियों एवं विदेश का संदर्भ। ईस्ट इंडिया कम्पनी के संसदीय नियंत्रण की स्थापना - रेगुलेटिंग एक्ट एवं पिक्स इंडिया एक्ट। १८५७ - प्रथम संग्राम बन्देमिल्ला - स्थापना, रथवाड़ी एवं मंडलवाड़ी। ब्रिटिश सासन के प्रति जन प्रतिरोध : १८५७ का विपलव - कारण, प्रकृति एवं परिस्थितियाँ।

खण्ड - ४

1858 के बाद ब्रिटिश नीति - ब्रिटिश सर्वपारिता का विकास। औपनिवेशिक अर्थव्यवस्था का विकास - कृषि का विकास - सामाजिक-राजनीतिक संगठन आदेश - व्यूह समाज, आर्थिक समाज, सामाजिक निशान। भारत का स्वातंत्र्य संग्राम - प्रथम चरण : भारतीय माद्रास का उदय, भारतीय राष्ट्रवाद किंग्स की स्थापना - नरमिश्म एवं उपमिश्म - चर्चित एवं विलक्षण। आर्थिक माद्रास, स्वदेशी आदेश। ब्रिटिश सासन के प्रति जन प्रतिरोध : २०० बुड़ा एवं मंडलवाड़ी।
खण्ड - ग

गांधी के नेतृत्व में राष्ट्रवाद : गांधी की विचारधारा एवं पद्धतियाँ - असहयोग, सविनय अवज्ञा एवं भारत छोड़ो आंदोलन। राष्ट्रीय आंदोलन की अन्य धाराएँ : क्रांतिकारी, वामपंथ (समाजवादी एवं सम्प्रदायी), सुगम वंद बोस एवं इंडियन नेशनल आर्मी। कृषि, मजदूरी एवं दलित वर्गों के आंदोलन। राष्ट्रीय आंदोलन में नहीं थे। वर्ष 1909, 1919 एवं 1935 के भारत सरकार अधिनियम। साम्राज्यवादी राजनीति एवं भारत का विभाजन। स्वतंत्र भारत (1947-1971) की प्रगति एवं परिदृश्य : राज्यों का एकीकरण, कृषिमुद्रा सुधार, नियोजित अर्थव्यवस्था की अवधारणा एवं औपचारिकता। स्वतंत्र भारत की विदेश नीति (1947-1971) - गुट नियोजित एवं पंचवील।

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 (ed.) : Social History of Modern India, Delhi, 1983
Anil Seal : Emergence of Indian Nationalism, Cambridge University
Press, 1971

Ranjit Guha &
Gayatri C. Spivak (ed.) : Selected Subaltern Studies, Delhi, 1988
J. Krishnamurti (ed.) : Women in Colonial India, Oxford University Press, 1989
एम.एस.जैन : आधुनिक भारत का इतिहास
सुमित सरकार : आधुनिक भारत : 1885-1947 (अनुवाद)
जगनाथ प्रसाद मिश्र : आधुनिक भारत का इतिहास, उत्तर प्रदेश हिंदी संस्थान, लखनऊ
विभिन्न वंद एवं अन्य : भारत का स्वतंत्रता संग्राम, दिल्ली, 1998
अंबरेश कोटरू का भारत (1947-2000), दिल्ली, 2004
और.एल. शुक्ल (सं) : आधुनिक भारत का इतिहास, हिंदी माध्यम कार्यक्रम निदेशक, दिल्ली विश्वविद्यालय, दिल्ली

Dy. Registrar (Acad.)
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29,
Section - A


Section - B


Section - C

द्वितीय प्रश्नपत्र: आधुनिक विश्व का इतिहास (1500-2000 ईसवी)

खण्ड - अ

पुरातत्त्व एवं आधुनिक युग का प्रारंभ। वर्तमान काल एवं यहत-वर्तमान काल। आरंभिकी परिस्थितियाँ - साम्राज्यवाद से पुरातनता। अनेकविविध की कहानी - कारण, प्रक्रिया एवं परिणाम। अंतिम की कहानी - कारण, गुस्सा घटनाएं एवं प्रभाव। नेशनल वनेकार का मूडलॉक्कन। औद्योगिक कहानी - कारण, प्रक्रियाएं एवं प्रभाव।

खण्ड - ए

19वीं शताब्दी में राष्ट्रियों का उदय। जर्मनी एवं इटाली का राजपूर्ण दृष्टिकोण। सत्ताविकता का युग एवं यूरोप में 1830 एवं 1848 की क्रियाएं। साम्राज्यवाद एवं उपनिवेशवाद का विकास - यह विस्तार का श्रेष्ठ, एलिजा एवं अमेरिका के दोनों के विशेष लंबों में। पूरी समस्या एवं पूर्ण हे ले उसकी जीवितताएं। यूरोप में यूरोपीय साम्राज्यवाद की प्रकटता। यूरोप में 1911 की कहानी - राज या सेन के निद्राल। 19वीं शताब्दी में जापान का आधुनिकीकरण। प्रत्यय विश्व युद्ध - कारण एवं परिणाम। राष्ट्रसंघ।

खण्ड - ए

1917 की स्नेह कहानी। आर्थिक महामहत्त्व एवं समाप्त। इटाली में फ्रांसीसी एवं जर्मनी में जापान। द्वितीय विश्व-युद्ध। संयुक्त सदृश संघ – चौदहवीं, संयुक्त, सीनार। 1949 की चीनी कहानी। चीन-युद्ध। दूसरी विश्व का अन्तर्गत एवं विश्व-निर्देशित। वर्क विश्व (निश्च), दशक-युद्ध (विश्वलयना), अर्थशास्त्र - संयुक्त से लोकतंत्र की जीवन और संयुक्त विश्व एवं एकसमय विश्व। पूर्ण रूप में चार एवं असमय विश्व।

Books Recommended (सुझावित पुस्तकें):

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

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31
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।
तृतीय 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—पत्रः प्रतिनिधि परिचयी राजनीतिक विचारक

खण्ड 'क'

प्लोटो, अरस्तू व एक्बीनास।

खण्ड 'ख'

मेकियावली, हांब्स, लोक व रूसो।

खण्ड 'ग'

बन्धम्य, जे. एस मिल, मार्क्स एवं हैराल्ड जे. लास्की।

अनुशासित पुस्तकें:

जॉर्ज एच. एस बायन : ए हिस्ट्री ऑफ पोलिटिकल थ्योरी (हिन्दी व अंग्रेजी)
सी.एल. वेपर : पोलिटिकल थॉंट
जे.पी. सुद : वेस्टर्न पोलिटिकल थॉंट
फॉडर : मास्टर्स ऑफ पोलिटिकल थॉंट
डाँगिंग : हिस्ट्री ऑफ पोलिटिकल थॉंट
पी.डी. शर्मा : राजनीतिक विचारक
पुखराज जैन : कल्पित प्रश्न राजनीतिक विचारक
डाँगिंग : ए हिस्ट्री ऑफ पोलिटिकल थ्योरीज
एफ. डब्ल्यू. कोकर : रीसेऩ्ट पोलिटिकल थॉंट

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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
हितीय प्रश्न— पत्र: हितीय विश्वयुद्धकार अन्तर्राष्ट्रीय संबंध एवं भारतीय विदेश नीति

खण्ड 'क'
हितीय विश्वयुद्धकार अन्तर्राष्ट्रीय प्रवृत्तियों, शीत युद्ध, एवं इसके विभिन्न चरण, संयुक्त राष्ट्र संघ: संगठन, कार्यप्रणाली एवं भूमिका, संयुक्त राज्य अमेरिका व तृतीय विश्व, साम्यवादी खेमे का विघटन, यूरोप का पुनर्गठन।

खण्ड 'ख'
भारत की विदेश नीति: निर्बाचित तत्व, भारत एवं संयुक्त राष्ट्र, गुट नियंत्रण आंदोलन एवं वर्तमान में प्रासंगिकता, पूर्व की ओर देखो नीति, भारत के पड़ोसी देश एवं प्रमुख शक्तियों (अमेरिका, रूस, चीन) के साथ सम्बन्ध, समसामयिक बहुद्वीपीय विश्व में भारत।

खण्ड 'ग'
अन्तर्राष्ट्रीय राजनीति में सम-सामयिक प्रवृत्तियों व मुद्दें, परिप्रेक्ष्य एशिया की राजनीति, न्यू-विश्व अर्थव्यवस्था, क्षेत्रीय सहयोग संगठन: आसियान (वशिष्ट-पूर्वी एशियाई राष्ट्र संगठन) एवं सार्क (वशिष्ट एशियाई क्षेत्रीय सहयोग संगठन)ब्रिक्स, इम्या, संयुक्त राष्ट्र में सुधार की मांग एवं संयुक्त राष्ट्र में भारत की स्थानीय सदस्यता, समसामयिक वैश्विक मुद्दे: गानव अधिकार, पर्यावरणीय मुद्दे, लॉगिक न्याय, आंतकबाद, परमाणु प्रसार।

अनुशंसित पुस्तकें:
ब्लेक एन्ड थॉमसन : फारेन पॉलिसी
जोर्डन कॉनेल रिम्ड : पेन्टर्स परसेंसन ऑफ दी डल्पिंग सिंस 1982।
डेनियन एस.पप : सोवियट परसेंसन ऑफ दी डल्पिंग वर्ल्ड इन 1980।
डॉ मथुरालाल शर्मा : अन्तर्राष्ट्रीय सम्बन्ध 1945 से अब तक।
महेन्द्र कुमार : अन्तर्राष्ट्रीय राजनीति के सैद्धांतिक पक्ष (हिंदी व अंग्रेजी)
पी.के.वर्मा : अन्तर्राष्ट्रीय सम्बन्ध (आदर्श प्रकाशन, चौंडा राष्ट्रा जयपुर)
बाबूलाल फाहिया : अन्तर्राष्ट्रीय सम्बन्ध
पुरुषार जैन : अन्तरराष्ट्रीय सम्बन्ध
दीनानंद बर्मा : अन्तर्राष्ट्रीय सम्बन्ध
एस.एम. धर : इंटरनेशनल पॉलिटिक्स सिंस 1949
हरियत वेदानंकर : इंटरनेशनल पॉलिटिक्स

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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 Morgenthalau: Politics among Nation
Babulal Fadiya: Antar Rashtriya Sambandh
Pukhraj Jain: Antar Rashtriya Sambandh

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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.

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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 Gharanas 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, Deepchandani.

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

**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:

Vical Music

1. To sing given musical piece and to recognize the ragas & swaras when sing.
2. To show the difference of ragas through swarvistaras in all the ragas.
3. To know orally the “Bol” with Dugun, 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 Pakhajaw 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 (दृष्टगत) 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 (दृष्टगत) 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.
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.
15. Music of Hindustan by Fox strangways.
17. Bhartiya Sangeet ka Itihas- Umesh Joshi.
18. The Music of India by H.A. Popey.

[Signature]

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(19) Hindustani Sangeet Paddhati 1 to 4 by Pt. Bhatkhande
(20) Pranav Bharti by Omkar Nath Thakar.
(21) Karanataka Music-Ramchandra.
(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.
Scheme:

<table>
<thead>
<tr>
<th></th>
<th>Max. Marks</th>
<th>Mini. Marks</th>
<th>Time</th>
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<tr>
<td>Paper-I</td>
<td>90</td>
<td>36</td>
<td>3 Hours</td>
</tr>
<tr>
<td>Paper-II</td>
<td>90</td>
<td>36</td>
<td>3 Hours</td>
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</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

Yahoo Features and the Constitution of the Governments
Section - B

Section - C

Core Readings:
1. Ferrel Heady: Public Administration: A Comparative Perspective
3. V.D. Mahajan: Modern Select Governments
5. तुलनात्मक प्राथमिक व्यवस्थाएँ
6. विजय अनंत सिद्धान्त: तुलनात्मक राजनीति
7. Gavin Drewry and Tony Butcher: The Civil Service Today
9. S.R. Maheshwari: Higher Civil Service in France
10. भरत फडिया: विद्वत के प्रमुख सचिवालय।
11. सुरेंद्र कटरिया: तुलनात्मक प्राथमिक व्यवस्थाएँ
प्रश्न-पत्र 1 : तुलनात्मक प्रशासनिक व्यवस्थाएँ

भाग-अ
तुलनात्मक लोक प्रशासन का अर्थ, प्रकृति, मूल और पहली तुलनात्मक लोक प्रशासन, अध्ययन के उपाय जैसे संरचनात्मक-प्रक्रियात्मक, पारिशिकीतिक, संस्थानधिक उपाय। चीन, फ्रांस, संयुक्त राज्य अमेरिका तथा ग्रेट ब्रिटेन के संस्थानों के प्रयुक्त लक्षण;

भाग-ब
"ग्रेट ब्रिटेन में सरकारी व्यवस्था, संयुक्त राज्य अमेरिका में अध्यक्षीय व्यवस्था, फ्रांस में अध्यक्षीय व्यवस्था।
ग्रेट ब्रिटेन, संयुक्त राज्य अमेरिका, फ्रांस और नेपाल की प्रशासनिक व्यवस्थाओं की प्रमुख विशेषताएं, केन्द्रीय प्रशासन तथा लोक सेवाओं की प्रकृति एवं मूल्यांकन के विषय पर तंत्र।"

भाग-ग
ब्रिटिश गूढ विभाग, ग्रेट ब्रिटेन में विभिन्न विभाग, संयुक्त राज्य अमेरिका में स्वतंत्र विभाग, आयुक्त, संयुक्त राज्य अमेरिका में गवर्नर जन पर, फ्रांस में राज-परिषद, स्वीडन का ओप्युबसेन (ब्रिटिश राजकोष)।

Core Readings:
2. Ogg & Zink, Modern Foreign Government.
5. एक्वेवर गर्मा ; तुलनात्मक प्रशासनिक व्यवस्थाएं
6. सी.बी. भेड़ा ; तुलनात्मक प्रशासन
10. श्री.एल. प्रेमिया : विभीषण के प्रयुक्ती संबंध
11. सुरेंद्र कल्याणी : तुलनात्मक प्रशासनिक व्यवस्थाएं
Paper-II : Local Administration

<table>
<thead>
<tr>
<th>Scheme</th>
<th>Min. Pass Marks</th>
<th>Max. Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper-I</td>
<td>3 hrs. Duration</td>
<td>100 Marks</td>
</tr>
<tr>
<td>Paper-II</td>
<td>3 hrs. Duration</td>
<td>100 Marks</td>
</tr>
</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...
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
3. M.V. Mathur: Panchayati Raj in Rajasthan
4. R.L. Khanna: Municipal Government and Administration in India.
5. S.K. Bhogle: Local Government in India.
6. डॉ. एच. अ. राम: भारत में स्थानीय प्रशासन

**Subsidiary Readings:**

1. S.C. Jain: Community Development and Panchayati Raj
3. Govt. of Rajasthan: Rajasthan Municipalities Act, 1964
4. Rajasthan Panchayat Raj Act, 1994
5. Govt. of India: Diwakar Committee Report, 1963

**Journals:**

1. Nagarlok, Delhi
2. Journal of Local Self Government, Bombay

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भाग-व

भारत में लैक्टशियालिस्ट विक्रेन्द्रकरण का विद्युतण तथा व्यवहार, 73वे संविधान संशोधन के विशेष संबंध में पूर्णतीत एवं यथा संसाधन : जिला परिषद पंचायत कार्यवाही, ग्राम पंचायत तथा ग्राम समा का संगठन तथा कार्य।

ग्रामीण तथा ग्रामीण समाज नौ नियमात्मक प्रशासन, स्थानीय नियम तथा अन्तः कार्य, विशेषतः प्रशिक्षण तथा सेवा शास्त्री की समाधानी।

भाग-स

भारत में स्थानीय नियमात्मक का नियमण प्रशासन, स्थानीय स्थान नियमात्मक का सुनियमात्मक।

स्थानीय नियमात्मक पर नियमात्मक एवं नियमात्मक पर नियमण की फ़ाजलियाँ, स्थानीय नियम, नियमात्मक तथा ग्रामीण नियमात्मक पर नियमण की जूनीशन।

अनुशंसित पुस्तकें :
1. अमित और अंगले : सूत्रिकित परिषद एवं इंडिया।
2. एम.आर. बाहरपोरी : भारत में घरेलू प्रशासन।
3. एम. बी. पांडुरंग : परिषदें एवं इंडिया।
4. अरोन. बाहरपोरी : सूत्रिकित ग्रामिण एवं इंडिया।
5. एम.बी. एडिल्स : लॉकिन्ग परिषदें एवं इंडिया।
6. डॉ. ए.बी. नवरूतेन : भारत में स्थानीय प्रशासन।

सहायक उपन्यास सारणी :
1. एम.बी. अमित : कल्पनांत्य डबलफ्यूट एवं पंचायत राज।
2. ग्रामिण एफ. राजाकरण : सार्वजनिक दरंग किरोष, 1964।
3. ग्रामिण एफ. राजाकरण : राजस्थान यूनिवर्सिटी एवं, 1959।
4. दिल्ली कॉलेजी फिलोजिका, 1963।
5. राजस्थान संस्थान : राजस्थान पंचायत राज, अधिनियम, 1994।
6. बांसवाड़ा ग्राम, भेला कॉलेजी फिलोजिका, 1957।
7. मार्क्स एवं कॉलेजी फिलोजिका, 1964।

नाम से नाम से विशेष, जुलूस अधिग्रह, 1964।

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59.
### B.A. Part III

**Drawing & Painting**

**Scheme:**

<table>
<thead>
<tr>
<th>Theory Paper I</th>
<th>Duration</th>
<th>M.M.</th>
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<tr>
<td>Post Independence Artists of India</td>
<td>3 hrs.</td>
<td>60</td>
<td>21</td>
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<tr>
<td>Paper II-Practical Paper I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Study from Life</td>
<td>5 hrs.</td>
<td>60</td>
<td>22</td>
</tr>
<tr>
<td>Paper III-Practical Paper II</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pictorial Composition</td>
<td>5 hrs.</td>
<td>60</td>
<td>22</td>
</tr>
<tr>
<td>Submission of Practical Works</td>
<td></td>
<td>20</td>
<td>07</td>
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<tr>
<td><strong>Total</strong></td>
<td></td>
<td>200</td>
<td>22</td>
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</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 in 700-800 words.

**Section - A**


**Section - B**

Indian Sculptors - D.P. Roy Choudhary, Shankoo Choudhary, Ram Kinkar Bail, Dhanraj Bhagat, Sornath Hore, Mrinalini Mukherjee, Himmat Shah.

**Section - C**

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

**Books Recommended:**

1. Art of India (Feeling and Form) - Ajit Mukarjee
2. आमूल विचारकला की पृथ्वीभूमि - जी.से. अग्रवाल
3. भारतीय विचारकला के आभास रंगभूमि - रंगवर्ण गौरवाणी
4. भारत की समकालीन कला - प्राचीनाद्वारा, प्राचीनतम कुछ ट्रस्ट हिन्दूकला, नई दिल्ली, 2006
5. आमूल कला कौशल - विनोबा भावान, यांगी प्रकाशन, नई दिल्ली, 2006
6. आमूल विचारकला का इतिहास - आर.ए. अर्चनकर, राजस्थान हिन्दी प्रथम अकादमी, जयपुर।
7. समकालीन कला - अरोङक
8. कला विचार - आर.ए. अग्रवाल, बी.एस.ए. व्यक्तित्वरूप, मैत्र, 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 stylisation, colour scheme and textures etc. 

Medium – Acrylic, Tempera, Oil, Pastel etc. 

Size ½ Imperial 

Max. Marks: 60

Duration: 5 hrs.

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 the 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.

[Signature]

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**SOCIOLOGY**

**Scheme:**

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

**Note:** समाजशास्त्र के दो प्रश्न-पत्र होंगे। प्रत्येक प्रश्न-पत्र 3 घंटे में विभाजित होंगे। प्रत्येक प्रश्न-पत्र के दो भाग होंगे। प्रथम भाग 40 अंकों का होगा। इस भाग में दो अनिवार्य प्रश्न होंगे। 20 अंकों के एक प्रश्न में एक-एक अंक के 20 तपस्या प्रश्न होंगे तथा प्रत्येक प्रश्न का उत्तर परीक्षा अंक का अधिकतम 20 शब्दों में देना होगा। दूसरे अनिवार्य प्रश्न के अलावा दो अंकों के 10 प्रश्न होंगे। प्रत्येक प्रश्न का उत्तर परीक्षा अंक का अधिकतम 40 शब्दों में देना होगा। निर्धारित शब्द सीमा से अधिक शब्दों में उत्तर देने पर अंक कटेंगे जा सकेंगे। प्रश्न-पत्र के लिए निर्धारित कुल 3 घंटे की अवधि में से अधिकतम 1 घंटे की अवधि प्रश्न-पत्र के इस भाग के लिए निर्धारित होंगे।

प्रश्न-पत्र के इस प्रथम भाग के दोनों प्रश्न 3 घंटों में विभाजित पाठ्यक्रम के तीनों खण्डों से संबंधित होंगे। अर्थात् प्रश्न-पत्र के इस भाग में पूरे पाठ्यक्रम से संबंधित प्रश्न होंगे।

प्रश्न-पत्र के द्वितीय भाग में, पाठ्यक्रम के तीनों खण्डों में से प्रत्येक में से दो-दो निविद्यालय प्रकृति के प्रश्न होंगे। परीक्षाधीनों को प्रत्येक खण्ड में से कम से कम एक प्रश्न का ध्यान करते हुए, कुल 3 प्रश्न हल करने होंगे। प्रत्येक प्रश्न 20 अंकों का होगा। प्रश्न पत्र का यह भाग 60 अंकों का होगा।

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.

Signature: [Signature]

[Stamp: [Stamp Details]]
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: Legitimation 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
Paper II: Introducing Sub sociologies

Unit I: Sociology of Urban Society

a) Invitation to Urban Sociology: Nature, 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.

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

PAPER - I TRANSLATION & GRAMMAR  3 hours  75 marks
a) Translate one passage from French into English (300 words)  25
b) Translate one passage from English into French (300 words)  25
c) Grammar  25

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
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 Periods from the History of Literature  25

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 bucheron - La Fontaine
d. La mort du loup - Vigny

c. L'invitation au voyage - Charles Baudelaire

4. **History of French Literature**: Major Literary Movements of 19th and 20th centuries Movements to be discussed: Romanticism, Realism, Surrealism, Symbolism.

Reference Books:

L'histoire de la France – CLE International

Les grandes étapes de la littérature Française – Dr. Charles Cadoux

La littérature Française – CLE International

La Poésie – CLE International

Le théâtre – CLE International

Le roman- CLE International

**PAPER - III VIVA-VOCE**
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
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>
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<tbody>
<tr>
<td>Unverhofftes Wiedersehen</td>
<td>Johann Peter Hebel</td>
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<tr>
<td>Das Brot</td>
<td>Wolfgang Borchart</td>
</tr>
<tr>
<td>Die drei dunklen Könige</td>
<td>Wolfgang Borchart</td>
</tr>
<tr>
<td>Die ungezählte Geliebte</td>
<td>Heinrich Böll</td>
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B - Prescribed Poems

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<tr>
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<td>Johann Wolfgang von Goethe</td>
</tr>
<tr>
<td>Willkommen und Abschied</td>
<td>Johann Wolfgang von Goethe</td>
</tr>
<tr>
<td>Heidenröslein</td>
<td>Johann Wolfgang von Goethe</td>
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<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) Romantik
iv) Realismus
v) Expressionismus
vi) Nachkriegsliteratur
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>
</tr>
<tr>
<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.

---

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Jaipur

59.
- 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>1. Menstruation &amp; Fertility:</td>
<td>6</td>
</tr>
<tr>
<td>1. Normal Menstrual Cycle</td>
<td></td>
</tr>
<tr>
<td>2. Process of Reproduction</td>
<td></td>
</tr>
<tr>
<td>2. Pregnancy:</td>
<td>8</td>
</tr>
<tr>
<td>1. Sign &amp; Symptoms</td>
<td></td>
</tr>
<tr>
<td>2. Use of Pregnancy Kits</td>
<td></td>
</tr>
<tr>
<td>3. Signs &amp; Symptoms</td>
<td></td>
</tr>
<tr>
<td>4. Common Ailments</td>
<td></td>
</tr>
<tr>
<td>5. Abortion --causes &amp; Care of Mother</td>
<td></td>
</tr>
<tr>
<td>3. Health &amp; Nutritional care during Pregnancy &amp; lactation:</td>
<td>10</td>
</tr>
<tr>
<td>1. Antenatal Care:</td>
<td></td>
</tr>
<tr>
<td>i. Registration of Pregnancy</td>
<td></td>
</tr>
</tbody>
</table>

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Signature: [Image]
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 initiation  
     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

---

*Signature*

**Dy. Registrar**

**Academic**

**University of Rajasthan**

*JAIPUR*
- Reproductive and Child Health

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>2</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>2</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></td>
</tr>
<tr>
<td>4. Use of Mother &amp; Child Protection Card</td>
<td></td>
</tr>
<tr>
<td>• Registration &amp; personal details</td>
<td>1</td>
</tr>
<tr>
<td>• Antenatal care</td>
<td></td>
</tr>
<tr>
<td>• Danger signs of pregnancy</td>
<td>2</td>
</tr>
<tr>
<td>• Diet during pregnancy</td>
<td></td>
</tr>
<tr>
<td>• Planning of low cost nutritious recipe for pregnant mother</td>
<td>1</td>
</tr>
<tr>
<td>• Internal care</td>
<td></td>
</tr>
<tr>
<td>• Post antenatal care</td>
<td></td>
</tr>
</tbody>
</table>

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MPUR
- 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, ARIT inner & thermometer, first aid box.
     v. Materials to be provided – from nearest Aanganwadi /Subcentre

<table>
<thead>
<tr>
<th>Examination scheme</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Major problem – 20 marks</td>
<td></td>
</tr>
<tr>
<td>Planning and preparation of low cost recipe for any one</td>
<td></td>
</tr>
<tr>
<td>- Pregnant/ Lactating mother</td>
<td></td>
</tr>
<tr>
<td>- Complementary foods/ premixes for infants</td>
<td></td>
</tr>
<tr>
<td>- Pre - schoolers</td>
<td></td>
</tr>
<tr>
<td>Minor Problem – 15 marks</td>
<td></td>
</tr>
<tr>
<td>First aid and home nursing</td>
<td></td>
</tr>
<tr>
<td>Plotting of weight on growth chart and its interpretation</td>
<td></td>
</tr>
</tbody>
</table>

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JAIPUR
### 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>Extension Education</td>
<td></td>
</tr>
<tr>
<td>2. History of Extension Education in India</td>
<td>3</td>
</tr>
<tr>
<td>3. Objectives and principles of Extension Education</td>
<td>4</td>
</tr>
<tr>
<td>4. Role and qualities of extension worker</td>
<td>5</td>
</tr>
<tr>
<td>5. Extension teaching methods- Personal, Group and mass approach</td>
<td>5</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>

#### UNIT-II

<table>
<thead>
<tr>
<th>7. Communication</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>• Concept, meaning and process of communication</td>
<td>4</td>
</tr>
<tr>
<td>• Elements and models of communication- Aristotle, Leagens, Roger’s and shoemakers</td>
<td>5</td>
</tr>
<tr>
<td>• Functions and barriers of communications</td>
<td>4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>8. Audio visual aids</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>• Meaning and use of audio visual aids</td>
<td>2</td>
</tr>
<tr>
<td>• Cone of experience</td>
<td>1</td>
</tr>
</tbody>
</table>

| 9. Classification of audio visual aids- Projected and non projected( visual, audio and audio visual aids) | 5 |

<table>
<thead>
<tr>
<th>10. Media</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>• Basic concepts of traditional and modern methods of communication</td>
<td>3</td>
</tr>
<tr>
<td>• Relative advantages and limitations of traditional and modern methods of communication</td>
<td>2</td>
</tr>
</tbody>
</table>

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JAIPUR

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Support structure and functions –
- Panchayati Raj – Concept, objectives, and structural organisation. Role of Panchayati Raj for Women empowerment
- Village organisations – village school, Yuva Mandal, Mahila Mandal, Cooperatives and KVK’s
- Role of UNDP, UNICEF, NIRD, NIPCCD, CSWB

References:
5. हरपालनी बी.डी. 1998 : गृह विज्ञान में प्रसार शिक्षा , स्टार पब्लिकेशन , आगरा
6. श्री , सुगंधा पुष्प और श्री जामस शीला 2011 : प्रसार शिक्षा , श्री विनोद पुस्तक मंत्रि , आगरा–2

EXTENSION EDUCATION AND COMMUNICATION (PRACTICAL VI)
(Based on the institution’s choice)

Vocational 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 an event.
2. To understand various aspects of event management

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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:
        o Reception,
        o DJs / Music,
        o Games,
        o Food serving (Based on numbers of persons and types of events)
     i. Decoration (Theme etc.)
     ii. Planning of games
     iii. Transportation & communication
     iv. DJ’s / Music
     v. Planning and Management of food
        o Welcome drink
        o Welcome Snacks
        o Main Course
        o Deserts
        o Mouth Fresheners
     vi. Return Gifts

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 parties and events
   - College events: Fresher’s day, Farewell, Annual function

6. Class rooms presentation

Note: Students will participate in events of institution.
   Making a party plan for any specific party.
   Planning budget for the party in the specific amount
3. Internal – 10 marks

### NUTRITION EDUCATION ACTIVITIES

<table>
<thead>
<tr>
<th>Maximum marks: 50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum marks: 18</td>
</tr>
<tr>
<td>Teaching workload: 2 practical/week (2 hours/practical)</td>
</tr>
<tr>
<td>Total teaching workload: 24 practical/batch</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Contents</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Activities:</strong></td>
<td></td>
</tr>
<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>
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<tr>
<td>• Discuss the various programs implemented.</td>
<td></td>
</tr>
</tbody>
</table>
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.

<table>
<thead>
<tr>
<th>Examination scheme:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Major problem: 25 marks</td>
</tr>
<tr>
<td>Plan any nutrition education activity for community on any one of the given topics.</td>
</tr>
<tr>
<td>2. Minor problem 15 marks</td>
</tr>
<tr>
<td>Preparation of any one teaching aid.</td>
</tr>
<tr>
<td>3. Internal: 10 marks</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FOOD PRESERVATION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Maximum marks:</strong> 50</td>
</tr>
<tr>
<td><strong>Minimum marks:</strong> 18</td>
</tr>
<tr>
<td>Teaching workload: 2 practical/ week (2 hours/ practical)</td>
</tr>
<tr>
<td><strong>Total teaching workload:</strong> 24 practical/ batch</td>
</tr>
</tbody>
</table>

**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:**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Major problem:</td>
<td>25 marks</td>
<td>Planning and preparation of any one preserved food.</td>
</tr>
<tr>
<td>2. Minor problems:</td>
<td>15 marks</td>
<td>Calculation of selling price of a given product.</td>
</tr>
<tr>
<td>3. Internal:</td>
<td>10 marks</td>
<td></td>
</tr>
</tbody>
</table>

**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
## 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></td>
<td>(12 weeks)</td>
</tr>
<tr>
<td>Identifying nearby crèches, preschool and day care centres.</td>
<td></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>
</tbody>
</table>

**Course Content:**

- Teaching strategies for early childhood care and education
- 2

- Characteristics and qualifications of an early childhood educator.
- 2

- Developing communication skills in dealing with young children.
- 2

- Working in crèches, preschool and day care centres to develop administrative, managerial and supervisory skills in students.
- 2

- Administration, management and supervision of crèches, preschool and day care centres.
- 2

- Planning and implementing developmentally appropriate activities in crèches, preschool and day care centres.
- 2

**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></td>
</tr>
<tr>
<td>1. Different types of motifs</td>
<td>4</td>
</tr>
</tbody>
</table>
- 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/batch

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

<table>
<thead>
<tr>
<th>Examination scheme:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Marks: 50 marks</td>
</tr>
</tbody>
</table>

**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.
2 Hours per Week for Practical Paper.

Examination:

<table>
<thead>
<tr>
<th>Scheme:</th>
<th>Min. Pass Marks</th>
<th>Max. Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Science</td>
<td>54</td>
<td>150</td>
</tr>
<tr>
<td>Arts</td>
<td>72</td>
<td>200</td>
</tr>
<tr>
<td>Paper – I</td>
<td>Algebra</td>
<td>40 (Science)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>53 (Arts)</td>
</tr>
<tr>
<td>Duration</td>
<td>3 hrs.</td>
<td>40 (Science)</td>
</tr>
<tr>
<td>Max. Marks</td>
<td></td>
<td>53 (Arts)</td>
</tr>
<tr>
<td>Paper – II</td>
<td>Complex Analysis</td>
<td>40 (Science)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>54 (Arts)</td>
</tr>
<tr>
<td>Paper – III</td>
<td>Mechanics</td>
<td>40 (Science)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>40 (Arts)</td>
</tr>
<tr>
<td>Practical Paper</td>
<td>Computer Programming in C</td>
<td>30 (Science)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>40 (Arts)</td>
</tr>
<tr>
<td>Duration</td>
<td>2 hrs.</td>
<td></td>
</tr>
</tbody>
</table>

Note:

1. 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.

2. 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.

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

4. Each candidate has to pass in Theory and Practical examinations separately.
Paper - I : Algebra
Teaching : 3 Hours per Week
Duration of Examination : 3 Hours

Max. Marks: 40 (Science)
53 (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.

Unit 3: Definition and simple properties of Rings and Subrings. Morphism of rings.
Embedding of a ring, Integral domain and field. Characteristics of a Ring and Field.

Unit 4: Ideals and Quotient Ring. Maximal ideal and Prime ideal. Principal Ideal
domain. Field of quotients of an integral domain. Prime fields. Definition, Examples and
Simple properties of Vector spaces and Subspaces.

Unit 5: Linear combination, Linear dependence and Linear independence of vectors.
Basis and Dimension. Generation of subspaces. Sum of subspaces. Direct sum and
Complement of subspaces. Quotient space and its dimension.

Reference Books:
Paper - II: Complex Analysis
Teaching: 3 Hours per Week
Duration of Examination: 3 Hours

Max. Marks: 40 (Science)
53 (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 2: Complex integration, Complex line integrals, Cauchy integral theorem, Indefinite integral, Fundamental theorem of integral calculus for complex functions. Cauchy integral formula, Analyticity of the derivative of an analytic function, Morera’s theorem, Poisson integral formula, Liouville’s theorem.


Unit 5: Conformal mapping. Bilinear transformation and its properties. Elementary mappings: \( w(z) = \frac{1}{2} \left( z + \frac{1}{z} \right), z^2, e^z, \sin z, \cos z, \text{ and } \log z. \)


Reference Books:
Paper – III: Mechanics
Teaching : 3 Hours per Week
Duration of Examination : 3 Hours
Max. Marks: 40 (Science)
54 (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: 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. Projectile.


Unit 4: Equilibrium of coplanar force, moments and friction.

Unit-5: Virtual work and Catenary.

Reference Books:

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JAIPUR

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Practical: Computer Programming in C  
Teaching: 2 Hours per Week per Batch

<table>
<thead>
<tr>
<th>Examination:</th>
<th></th>
<th>Duration: 2 Hours</th>
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</thead>
<tbody>
<tr>
<td>Scheme</td>
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<td>Science</td>
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<tr>
<td>Max.Marks</td>
<td></td>
<td>30</td>
</tr>
<tr>
<td>Min.Pass Marks</td>
<td></td>
<td>10</td>
</tr>
</tbody>
</table>

Distribution of Marks:

Two Practicals of
- 10 Marks each = 20 Marks  (13 Marks each) = 26
- Practical Record = 05 Marks = 07
- Viva-voce = 05 Marks = 07
- Total Marks = 30 Marks = 40

The paper will contain TWO practical. The candidates are required to attempt both practical.

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.

Programming in C and execution for the result of

(i). Solution of linear algebraic equations by Gauss elimination method
(ii) Solution of algebraic and transcendental equations by Bisection, False position and Newton – Raphson Methods
(iii) Solution of ordinary differential equations by Euler’s and Runge-Kutta 4th order method
(iv) 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.

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(Academic)  
University of Rajasthan

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<table>
<thead>
<tr>
<th>Scheme</th>
<th>Min. Pass Marks</th>
<th>Max. Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts</td>
<td>72</td>
<td>200</td>
</tr>
<tr>
<td>Science</td>
<td>54</td>
<td>150</td>
</tr>
<tr>
<td>Paper-I</td>
<td>3 hours duration</td>
<td>Arts 100</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Science 75</td>
</tr>
<tr>
<td>Paper-II</td>
<td>3 hours duration</td>
<td>Arts 100</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Science 75</td>
</tr>
</tbody>
</table>

**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 Y (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 1: 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.


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University of Rajasthan
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-B


Section-C


Books Recommended:

1. Economic Review, Directorate Of Economics And Statistics, Department of Planning, Rajasthan Jaipur. (Hindi & English.)
3. लक्ष्मीनारायण लाधुरागकर, राजस्थान की अर्थव्यवस्था, रंगेशकृष्ण, जयपुर.
### Scheme of Examination

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

### Notes

1. Students are permitted to use the stencils, simple calculator and log tables wherever needed in both theory and practical examinations.
2. There will be a common paper for Arts and Science.
3. Q.1 will be compulsory and will cover the entire course of the paper.
   Q.No. 1 of 20% marks of the maximum marks be set in two parts.
   (a) Part (a) will have ten items for locating on a map (to be supplied by examination centre) carrying 10% marks of the maximum marks and candidates shall attempt any five items.
   (b) Part (b) will have 10 short answer questions carrying 10% marks of the maximum marks and candidates shall attempt any five items.
4. Remaining 9 questions carrying equal marks will be set with three questions from each section of the syllabus.
5. Candidate will attempt 5 questions in all including question No. 1 selecting at least one question from each section.
6. Practical examination will be conducted by the board of examiners.
7. The candidate will have to pass in theory and practical separately.
8. The non-collegiate candidates will have to attend a practical training camp of 48 hours at a college affiliated to the University of Rajasthan, Jaipur notified by the University from time to time in which Geography subject is taught on payment of fee fixed by the University. The candidates appearing at examination from any examination centre located in Jaipur City will attend the practical camp at the University Post Graduate Department on payment of fee fixed by the University. The candidate will procure Certificate of successful completion of practical training camp from the College/Department of Geography and produce the same at the time of practical examinations.

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Jaipur
Paper 1: World Regional Geography

Section A

Asia: Terrain Pattern, Drainage, Climate, Natural Vegetation, Soils, Population and Economic Base of the Continent In General. Regional Study of South-East and South-West Asia.

Europe: Terrain Pattern, Drainage, Climate, Natural Vegetation, Soils, Population and Economic Base of the Continent In General; Regional Study of British Isles, France and Germany.

Section B

North and South America: Terrain Pattern, Drainage, Climate, Natural Vegetation, Soils, Population and Economic Base of the Continent In General; Regional Study of New England and Brazil.

Section C

Australia and New Zealand: Terrain Pattern, Drainage, Climate, Natural Vegetation, Soils, Population and Economic Base of Australia and New Zealand In General.

Recommended Readings:
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 regions; 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:
Gautam, Alka, 2010: Geography of India, Rastogi Publications, Meerut.
Gopal Krishan, R., 2001: Geography of India, Jawaher Publishers & Distributions, New Delhi, 2nd Edition

Practicals

Scheme of Examination

Min. Pass Marks: 18

Written test
Field survey and viva voce

Bifurcation of Marks
24
10+04
08+04

Max. Marks: 50

Time
1 hrs
2½ hrs

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

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:

चित्रण, दी.आर. 2005: प्रायोगिक भूगोल। वसुधरा प्रकाशन, गोरखपुर।
Singh, L.R. 2006: Practical Geography. Prayag Pustak Publisher, Allahabad U.P.

लाल, जे.पी 2010–11. प्रायोगिक भूगोल की समस्याएं। संशोधन पीडीथिकेशन, भोपाल।

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SYLLABUS
FOR
B.Sc./B.A. Pt-III

Subject: Statistics

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


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JAIPUR
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
Network - LAN, WAN, internet, intranet, basics of computer security, virus, antivirus, firewall, spyware, malware etc. Basics of Programming: Algorithm, Flowchart, Data, Information, Database, overview of different programming languages, frontend and backend of a project, variables, control structures, arrays and their usages, functions, modules, loops, conditional statements, exceptions, debugging and related concepts.

REFERENCES:
- Das M.N. & Giri N.C. (1986). Design and Analysis of Experiments. Springer Verlag
- Stallings: Operating Systems PHI

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, $E(S^2) = \sigma^2$ 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.
Subject: Applied Statistics

<table>
<thead>
<tr>
<th>Paper</th>
<th>Nomenclature</th>
<th>Science</th>
<th>Arts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper I</td>
<td>Sample Survey</td>
<td>50 mark</td>
<td>65 marks</td>
</tr>
<tr>
<td>Paper II</td>
<td>Design of Experiment and Computational Techniques</td>
<td>50 mark</td>
<td>65 marks</td>
</tr>
<tr>
<td>Paper III</td>
<td>Practical based on Paper I,II</td>
<td>50 mark</td>
<td>70 marks</td>
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<td>Total</td>
<td></td>
<td>150</td>
<td>200</td>
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</table>

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

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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)
Psychology B.A./B.Sc. Pass Course Part-III

Scheme of Examination:

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

<table>
<thead>
<tr>
<th>Paper</th>
<th>Nomenclature</th>
<th>Duration</th>
<th>Max. Marks</th>
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<th></th>
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<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Arts</td>
<td>Science</td>
<td></td>
</tr>
<tr>
<td>I</td>
<td>Positive Psychology</td>
<td>3 Hrs.</td>
<td>75</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>II</td>
<td>Psychological Testing and Assessment</td>
<td>3 Hrs.</td>
<td>75</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>III</td>
<td>Practicalals</td>
<td>3 Hrs.</td>
<td>50</td>
<td>50</td>
<td></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:

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

<table>
<thead>
<tr>
<th>SCIENCE</th>
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</thead>
<tbody>
<tr>
<td>Section</td>
<td>No. of Questions</td>
<td>Marks</td>
</tr>
<tr>
<td>A</td>
<td>10</td>
<td>1</td>
</tr>
<tr>
<td>B</td>
<td>5 (Out of 7)</td>
<td>2</td>
</tr>
<tr>
<td>C</td>
<td>3 (with internal choice)</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Marks</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</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.

3. **Positive Cognitive States and Processes:** Self-Efficacy, Optimism, Hope, Mindfulness, Flow and Spirituality.
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:


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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  2019

<table>
<thead>
<tr>
<th></th>
<th>Duration</th>
<th>Max mark</th>
<th>Min mark</th>
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</thead>
<tbody>
<tr>
<td><strong>1. Theory:</strong></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Paper-I</td>
<td>3Hrs</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>Paper-II</td>
<td>3Hrs</td>
<td>30</td>
<td>22</td>
</tr>
<tr>
<td><strong>2. Practical:</strong></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Paper-I</td>
<td>3Hrs</td>
<td>35</td>
<td></td>
</tr>
<tr>
<td>Paper-II</td>
<td>3Hrs</td>
<td>35</td>
<td>25</td>
</tr>
<tr>
<td><strong>3. Submission:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paper-I</td>
<td></td>
<td>35</td>
<td></td>
</tr>
<tr>
<td>Paper-II</td>
<td></td>
<td>35</td>
<td>25</td>
</tr>
</tbody>
</table>

**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:


PARASITOLOGY

Section A
Management

Paper—I Parasitology, Systemic Pathology & Laboratory

Min. Pass Marks 42

8 Hrs. Duration in two days

120 Marks

Practical

Practical Experience

Paper—II Field Work and

40 Marks

3 Hrs. Duration

Paper—I Theory

Scheme:

23. INVESTIGATIVE BIO-TECHNOLOGY
(iii) Trichomonas (iv) Plasmodia
(v) Leishmania (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 (Organophosphorus, Organochlorine and Carbamates).
8. Detection of Plant Poisons (Alkaloidal and Glycosidal)
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 3 Hrs. Duration 40 Marks
Practical 120 Marks Min. Pass Marks 15
8 Hrs. Duration in two days.
The students will be required to work for at least 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 examiners.

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 fungal 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 b'rirubin 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. Rosawalitter Test and Rehumatoid Factor (R.F.)

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U n i v e r s i t y  o f  R a j a s t a n

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

**Unit-VI: Haematology**
1. Revision of a staining of blood film and bone marrow smears.
2. Bleeding time, clotting time, Platelet count.
3. Prothrombin Time (P.T.)
B.SC/B.A/B.COM.PART-III

PAPER-1

APPAREL PRODUCTION

B.A/B.COM.-M.M 30

B.SC.-M.M. 50

HRS.- 3

SECTION-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 plaid
iv) Floral

5. Design and prepare an adult dress for fashion shows
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

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राजस्थानी

इसमें दो प्रश्न-पत्र होगें:

प्रथम—प्राचीन राजस्थानी साहित्य एवं निबंध
द्वितीय—राजस्थानी भाषा तथा राजस्थानी साहित्य का इतिहास

परीक्षा योजना

<table>
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<tr>
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<th>द्वितीय प्रश्न-पत्र</th>
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<tr>
<td>समय 3 घंटे</td>
<td>समय 3 घंटे</td>
</tr>
<tr>
<td>अंक 100</td>
<td>अंक 100</td>
</tr>
</tbody>
</table>

प्रथम प्रश्न-पत्र: प्राचीन राजस्थानी साहित्य एवं निबंध:

(क) एक प्रश्न भाज्या से संबंधित (कुल दो भाज्याँ) 2 x 16 = 32
(ख) दो प्रश्न-प्रत्येक पुरातंत्र पर एक-एक आलोचनात्मक प्रश्न 2 x 20 = 40
(ग) एक प्रश्न निबंध 1 x 28 = 28

निबंध अनिवार्य: राजस्थानी भाषा में लिखना होगा।

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

पाठ्य पुस्तकें:

1. राजस्थानी साहित्य संग्रह, भाग प्रथम, समाप्त-नोताम दास स्वामी, राजस्थान प्राच्य विद्या प्रतिष्ठान, जोधपुर।
   (इस संग्रह में संकलित हरीनी गंगेश नीतास्वामी रो दोपहरी को छोड़कर शेष अंक गणना रहेगा।)
2. दोलामारू रा दुधा—संपादक-स्वामी, रामसिंह नंदी, नागरी प्रचारिणी संभाल, वाराणसी।
   (इसमें से आरम्भ के 100 दोहे पाठ्यक्रम में रहेगे।)

सहायक ग्रंथ:

1. प्राचीन काव्यों की रूप परमारा, अगरचंद नाहटा, भारतीय विद्या मंदिर शोध प्रतिष्ठान,
   बीकानेर।
2. दोला मारू रा दुधा—डॉ. संभृतिह मनोहर। स्टूडेंट्स बुक कंपनी, चौड़ा रास्ता,
   जयपुर।

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

परीक्षा योजना

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<td>अंक 100</td>
<td>अंक 100</td>
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</table>

इसमें पांच प्रश्न होंगे। 2 प्रश्न राजस्थानी भाषा में तथा 3 प्रश्न राजस्थानी साहित्य
के इतिहास से संबंधित होगें। प्रत्येक प्रश्न 20 अंक का होगा।

\[ \text{प्रश्न} \times 20 = 100 \]
(४) राजस्थानी भाषा से संबंधित राजस्थानी भाषा का उद्धव और विकास
राजस्थानी की विशेषताएं-राजस्थानी की विभिन्न बोलियाँ, उनकी विशेषताएं, उनके
क्षेत्र, डिग्री-प्राप्त हिंदी और राजस्थानी।
(५) राजस्थानी साहित्य के इतिहास से संबंधित-काल विभाजन-आरम्भिक काल,
प्रधान काल तथा आधुनिक काल, इन कालों की प्रमुख प्रवृत्तियाँ, काव्य धाराएँ, गद्दी
विधाएँ, प्रमुख चर्चाएँ और रचिता। राजस्थानी लोक साहित्य का सामान्य परिचय।

सन्दर्भ ग्रंथ:
1. पुरानी राजस्थानी-डा. टेसीटी, अनुवादक-डा. नामकेश्वर सिंह, नागरी प्रवाहिणी समा,
   वाराणसी।
2. राजस्थानी भाषा, डा. सुनीतकुमार चटर्जी, साहित्य संस्थान, उदयपुर।
3. राजस्थान का भाषा स्वक्षण, जार्ज ब्रेर्सन अनुवादक डा. आत्माराम जानोदिया
   राजस्थानी भाषा प्रचार सभा बनकाराख, जयपुर।
4. राजस्थानी भाषा और साहित्य—डा. मोतीलाल मेनारिया, हिंदी साहित्य सम्मेलन,
   प्रभाग।
5. राजस्थान का पिंगल साहित्य—डा. मोतीलाल मेनारिया, हिंदी पुस्तक भण्डार,
   उदयपुर।
6. आधुनिक राजस्थानी साहित्य प्रेरण व्यक्ति और प्रवृत्तियाँ—डा. किशोर नाहटा, विनमय
   प्रकाशन, चौंडा राजस्थान, जयपुर।
7. राजस्थान का लोक साहित्य, नामस्माम संस्कृति, रूपायन संस्थान. बोरुण (जोधपुर)।
Paper—II: Wool Grading and Processing

Syllabus: Practical

Paper I

Max. Practical 68 Marks

Max. Theory 132 Marks

Min. Pass Marks: Practical: 48

Min. Pass Marks: Theory: 48

Scheme: Shri B.D. Todt College, Lachhamnagar ( Sikar) only

To be offered by the College to the Graduate student of

2. SHEEP AND WOOL

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

Syllabus:

Paper-I: 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.

System of wool purchase of Rajasthan, Marketing systems adopted by Government of Rajasthan.

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 abattoires 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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Max. Theory Marks: 132 Marks

Min. Pass Marks: Theory 48

Scheme:

Pamela Mahaviralya, Bishal Nager and Govt. College, Research

Livestock & Dairying
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, Bonnie, intevities—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 skim milk, ghee, butter milk and their uses, manufacture of elastic.

Paper—I II : Dairy Economics

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.
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 Livestock 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 carcass 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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28. ANTHROPOLOGY

Min. Pass Marks = 72
Paper - I
Paper - II

Max. Marks = 200
Marks = 100
Marks = 100

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

Paper-I 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


Lists of Books


Paper-II: Society and Culture in India

UNIT-I

- Basics of Indian Culture: Purushartha, Varna, Smartha, Ashta, Nitya, Sanskara.

UNIT-II


UNIT-III

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

List of Books:


Dr. 2000 भारतीय समाज, जयपुर, राक्षस पालकेस्वर.

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29 B. A. Part – III (Drama) Examination 2018-19

Paper-I Western and Oriental Acting Theories (Theory)

Duration 3 Hours Max. Marks 50 Min. Pass Marks - 18

1. 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 Molliër
   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

VI. Study of following plays:
   a. Greek Plays
      1. Oedipus - Sophocles
      2. Antigone - Sophocles
   b. Elizabethan Plays
      1. Othello - Shakespeare
      2. Macbeth - Shakespeare
   c. Renaissance Plays
      1. Mock Doctor - Molliër
      2. Miser - Molliër
   d. Realistic Plays
      1. Doll's House - Ibsen
      2. Three sisters - Chekhov
   e. Epic Plays
      1. Three Penny Opera - Brecht
      2. Mother Courage - Brecht

Books Recommended:
1. History of Theatre – Oscar Brockett
2. Introduction to Theatre – Frank M Whiting
3. Natyakala ke Teen Sahasra 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-II Scene Design (Theory)

Duration – 3 Hours Max. Marks – 50 Min. Pass Marks - 18

a. Brief study of the development of Theatre Building.
b. Definition and study of basic principles of Scene Designing.
c. Study of conventions of Natyashalas of Natyashastra.
d. Functions and different forms of Scenery.

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Study of the process of the Scene Construction.

B. A. Part – III (Drama) Practical Examination 2018-19

Scene Design & Production

PRACTICAL PAPER - II
Duration - 3 Hours       Max. Marks - 50       Min. Pass Marks - 18

a. Cross section of Theatre building.
b. Rough sketches and Mechanical Drawing such as plan Elevations, Working Drawings, Cross Sections, isometric, Orthographic and perspective Drawing
c. Model Making of a set

PRACTICAL PAPER - II
Duration - 3 Hours       Max. Marks - 50       Min. Pass Marks - 18

d. Play Production by each students
e. Submission of workbook and assignments

Books Recommended:
1. Designing and printing for Theatre, Lynn Pecktel.
2. Scenariography and Stage Technology, W.F. Bellman.
3. Scene Designing and Lighting, Parker and Smith.
5. Creating a Role, K. Stanislavsky.
6. Hindi Abhinav Bharti, Vishweshar.
7. Breath on theatre (Selected chapters), Tr. John willet.

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<table>
<thead>
<tr>
<th>Paper-1</th>
<th>Paper-II</th>
<th>Paper-III</th>
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**B.A./B.Com./B.Sc. Part III**
(Under Graduate Courses)

**30 COMPUTER APPLICATIONS**

**Vocational Subjects**

The duration of these papers will be 3 hours.

On-the-job training 4 weeks

Practical

Programming Laboratory

Entrepreneurship, Development

Report, Report on the Job Training and

Advanced Topics in Computers

Computer Aided Drafting
Practical:

Practise:

Practised:

Advanced Topics in Computer

Paper II

Using AUTOCAD etc. Analyse features of AUTOCAD

Advanced features of these packages: Drawing the plan of a building

Introduction to AUTOCAD/ROBOCAD or a similar package

Computer Aided Drafting

Paper I
31. INDIAN HERITAGE IN RURAL HANDICRAFTS
B.A. Part III

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

**Paper I practical 5 Hrs. Duration**

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

**Paper II practical 5 Hrs. Duration**

<table>
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<th>Max. Marks</th>
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<td>25</td>
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</table>

**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 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) Over load
      (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
Scientific principles: equilibrium, force, motion lever, Law of motion and their application in different sports games

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) Mc. Publisher, Moscow, 1981.
8. D. Harris, Principles of Training.
10. Davis R.J. Ball C.R. Roscoe 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.

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(iii) Volleyball - Barby Volleyball test.
(iv) Badminton - Lockart and MC -Therson Badminton test.
(v) Soccer - Mc Donald Soccer test.

B. Specialization Record book

VI. Anyone has to be opted:
(A) Secondary game
   (i) 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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Individu al, family, community and the state: Meaning of Mental Health. Concept of Health and Fitness: the importance of health to

Unit I

Students aim: objectives and principles of Health Education.

Unit II

Meaning of Health Education. Its need and scope for college

MIN. PASS: 60

Max. Marks: 60

Time: 3 Hours

Health Education

Paper-X

Practical examination separately. Practical examination carrying 80 marks. A candidate must pass in theory and examination carrying 80 marks. A candidate must pass in theory and

Three shall be two theory papers of 60 marks each and a practical

PHYSICAL EDUCATION
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:

1. Lawrence, Thomas Gordas; Schriver, Aliso : Powers; Douglas F. and Verhans Levia
   Your Health and Safety Har
   Court, Brace & World, Inc. New York 1969
2. Bauer, W.U. (Editor)
3. Johns, Edward P. Suttan, Wilfred C., and Webster, Lloyd T.
   Health for effective living No
   Craw Hill Book Company New York, 1970
4. Stack, Harbett, J. Duke Elkkow Education for safe living,
5. Evans, A. William Everyday Safety, Chicago; Lyons and
   Carnahan, 1952.
6. Flora, A.A. & Stafford G.T.- Safety Education; New York Me
7. Park J.B. Text Book of Preventive and Social Medicine
   Banarsidass Bharat, 1980.
8. Ajmer Singh etc. : Basis of Physical Education, Health & Sports
   (B.A. I) : Kalyani Publication Ludhiana.
   (B.A. II) : Kalyani Publication Ludhiana.
10. Ajmer Singh etc. Basis of Physical Education, Health & Sports
    (B.A. Pt III) : Kalyani Publication Ludhiana.
13. अमरेत और अन्य : शारीरिक शिक्षा स्थानर एवं स्कूल की आधुनिक पाठ्यपुस्तक (भा. प. 1) : नृत्यार्थ पृष्ठभूमि सुविधाम.
14. अमरेत और अन्य : शारीरिक शिक्षा स्थानर एवं स्कूल की आधुनिक पाठ्यपुस्तक (भा. प. पार्ट 1 व 3) : नृत्यार्थ पृष्ठभूमि सुविधाम.
15. मुनिमत वाहिन और डीक्टर श्री.के. : शारीरिक शिक्षा का इतिहास : बालबेन्द्र रेखे इतिहास तथा पुस्तक.
16. मुनिमत वाहिन और डीक्टर श्री.के. : शारीरिक शिक्षा में शिक्षा निर्णय राष्ट्रीय अधिकारी रेखे इतिहास.
17. रामदेव शर्मा : शारीरिक शिक्षा के इतिहास : पेट्रोनसिटर पुस्तक व. प्र. सं. 22.
18. विद्याधर भोजपुरी : शारीरिक शिक्षा का इतिहास, पृष्ठभूमि एवं प्रयोग : नृत्यार्थ पृष्ठभूमि सुविधाम.
19. गोरख ठाकुर एवं जयंत धार्मिक और रोहित रूपरेखा : शारीरिक शिक्षा, स्वस्थ शिक्षा, जानकारी शिक्षा, प्राचीन-पश्चिमी और उद्योग : राज्यार्थ पृष्ठभूमि एवं सुविधाम.
20. काशी और सोहनालू : शारीरिक शिक्षा के इतिहास एवं प्रयोग : प्राचीन वाद्य इतिहास.
21. अरुण तेजस्वी : शारीरिक शिक्षा का उद्देश्य एवं पद्धतियाँ : नृत्यार्थ पृष्ठभूमि सुविधाम.

Paper-II
Test and Measurement

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<td>3 Hours</td>
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<td>22</td>
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</table>

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

Unit-II : Fundamentals of Statistics
1. Measures of Central Tendency-Meaning, uses and Calculation from Frequency Tables.
2. Graphical representation of Data-Meaning uses and Techniques.

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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: Apearl, JCR Test, Canadian 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 Markin of Playfields Football, Volleyball, Basketball, Cricket, Hockey and Badminton.

Books Recommended:
10. अन्नरे हिंदी और अन्न सादृश्य स्वास्थ्य एवं खेलों की आधुनिक पाठ्यपुस्तक (भाग-1) कल्पना प्रकल्पक सूचना.
11. अन्नरे हिंदी और अन्न सादृश्य स्वास्थ्य एवं खेलों की आधुनिक पाठ्यपुस्तक (भाग-III) कल्पना प्रकल्पक सूचना.

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12. गोउण महिद्द और शाकेश एस. के. : सार्वजनिक शिक्षा का इतिहास : दर्शनीय रूप से कार्यरत लक्ष्य तथा उपाय
13. गोउण महिद्द और दीक्षित पुरु. के. : सार्वजनिक शिक्षा में शिक्षा विषय : दर्शनीय रूप से कार्यरत लक्ष्य तथा उपाय
14. पार्थसारथि शर्मा : सार्वजनिक शिक्षा दर्शन, परदेशीय एवं इतिहास : शास्त्रीय मतों का इतिहास तथा उपाय
15. शिक्षा अरोह तुमारा : सार्वजनिक शिक्षा, मतों का इतिहास तथा उपाय
16. नाभिक ए.एस. और बोसा हेम विद्या : शास्त्रीय रूप से, ग्रंथि शास्त्र, सार्वजनिक शिक्षा, प्राचीन तथा उपाय, शास्त्रीय मतों का इतिहास तथा उपाय
17. ब्रह्मचर्य और संतति : सार्वजनिक शिक्षा के विद्यासागर व इतिहास : प्रकाशन विकास तथा उपाय
18. वैश्नव विद्यार्थी समूह : सार्वजनिक शिक्षा का संचार तथा उपाय

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