UNIVERSITY OF RAJASTHAN
JAIPUR
SYLLABUS
B.A. PART-III
Examination-2020

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
B.A. Part-II Examination
(Under 10+2+3 Pattern)

R.11 (2)

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

First Division 60% of the aggregate marks obtained at the Part I, II, & III
Second Division 48% 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.

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
## CONTENTS

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

<table>
<thead>
<tr>
<th></th>
<th>Subject</th>
<th>4-5</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>English Literature</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>Hindi Sahitya</td>
<td>6-8</td>
</tr>
<tr>
<td>3.</td>
<td>Urdu</td>
<td>9-10</td>
</tr>
<tr>
<td>4.</td>
<td>Persian</td>
<td>11-13</td>
</tr>
<tr>
<td>5.</td>
<td>Sanskrit</td>
<td>14-19</td>
</tr>
<tr>
<td>6.</td>
<td>Philosophy</td>
<td>20-22</td>
</tr>
<tr>
<td>7.</td>
<td>History</td>
<td>23-29</td>
</tr>
<tr>
<td>8.</td>
<td>Political Science</td>
<td>30-33</td>
</tr>
<tr>
<td>9.</td>
<td>Indian Music (Vocal) OR Indian Music (Instrumental-Sitar)</td>
<td>34-41</td>
</tr>
<tr>
<td>10.</td>
<td>Public Administration</td>
<td>42-47</td>
</tr>
<tr>
<td>11.</td>
<td>Drawing &amp; Painting</td>
<td>48-50</td>
</tr>
<tr>
<td>12.</td>
<td>Sociology</td>
<td>51-53</td>
</tr>
<tr>
<td>13.</td>
<td>Home Science</td>
<td>54-70</td>
</tr>
<tr>
<td>14.</td>
<td>Textile Craft</td>
<td>71-72</td>
</tr>
<tr>
<td>15.</td>
<td>Garment Production &amp; Export Management</td>
<td>73-76</td>
</tr>
<tr>
<td>16.</td>
<td>Investigative Bio-Technology</td>
<td>77-80</td>
</tr>
<tr>
<td>17.</td>
<td>Mathematics</td>
<td>81-84</td>
</tr>
<tr>
<td>18.</td>
<td>Economics</td>
<td>85-89</td>
</tr>
<tr>
<td>19.</td>
<td>Geography</td>
<td>90-93</td>
</tr>
<tr>
<td>20.</td>
<td>Statistics</td>
<td>94-97</td>
</tr>
<tr>
<td>22.</td>
<td>Psychology</td>
<td>100-102</td>
</tr>
<tr>
<td>23.</td>
<td>Rajasthani</td>
<td>103-104</td>
</tr>
<tr>
<td>24.</td>
<td>Sheep &amp; Wool</td>
<td>105-106</td>
</tr>
<tr>
<td>25.</td>
<td>Live Stock and Dairying</td>
<td>107-109</td>
</tr>
<tr>
<td>26.</td>
<td>Anthropology</td>
<td>110-111</td>
</tr>
<tr>
<td>27.</td>
<td>Dramatics</td>
<td>112-113</td>
</tr>
<tr>
<td>28.</td>
<td>Physical Education</td>
<td>114-118</td>
</tr>
<tr>
<td>29.</td>
<td>Indian Heritage in Rural Handicrafts</td>
<td>119-123</td>
</tr>
<tr>
<td>30.</td>
<td>Computer Application</td>
<td>124-125</td>
</tr>
</tbody>
</table>

**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.

---

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
1. ENGLISH LITERATURE

BA Part III 2020

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
Min. Pass Marks: 36

Duration: 3 hrs

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

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

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
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
Min. Pass Marks: 36

Duration: 3 hrs

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
Intizar Hussain : A Chronicle of the Peacocks
Ismat Chughtai : Roots
V.M. Basheer : Birthday
Shashi Deshpande : My Beloved Charioteer
Ambai : A Kitchen in the Corner of House

SECTION B
Charlotte Bronte : Jane Eyre

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

Recommended Reading:
Vandana R. Singh. The Written Word (O.J.P.)
K.M. Shrivastava: News Reporting and Editing. Sterling Publication

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
1. अयोध्या सिंह उपास्य हरीमृग

2. मेघिषीस्पति गुप्त

3. जयसंकर प्रसाद

4. सुभाषनंदन पंत

5. अनेय

6. मुक्तिवाच

7. धुमिल
8. दुष्यन्ता

1. इस नदी की धार में ठंडी हवा आती है, नाव जरूर ही सही, लहड़ों में टकसाली तो है।
2. संपन्नवर बचे हुए हैं, इमारत नहीं रही, अच्छा हुआ कि सर पे कोई छत नहीं रही।
3. परिवर्तित अब भी पर तोले हुए हैं, हवा में समस्या चोले हुए हैं।
4. एक कबूतर, चिट्ठी लेकर, पहली-पहली बार उड़ा, मौसम एक युगल सिये था पट से तीव्र आने गिरा।
5. एक गुड़िया की कई कठोरताओं में जमा है, आज शायर, ये तमाशा देखकर हैणा है।
6. होने लगी है जिसमें जुबिश तो देखिए, पर रातों परिवर्त में कोशिश तो देखिए।
7. जब किसी ने भी नजर आती नहीं कोई दर, घर की हर दीवार पर चिपके हैं इतने इस्ताहार।
8. हो गई है पार पर्वत-सी विघटनी चाहिए, इस हिमालय से कोई गंगा निकलनी चाहिए।
9. बाढ की संभावनाएं सामने हैं, और नदियों के रिश्ते घर बने हैं।

खण्ड - 'ब'

आधुनिक हिंदी कविता की प्रमुख प्रश्नमयी - राष्ट्रीय काव्यांग्रे, छायावाद, प्रगतिवाद, प्रथोगब्द और नई कविता

अंक विभाजन

खण्ड - 'अ' कुल प्रश्न 20 - एक कवि से केवल एक कविता (आंतरिक विकल्प देय) 4 x 10 = 40 अंक
कुल 20 प्रश्न निबन्धांक प्रश्न - एक कवि से संबंधित एक ही प्रश्न (आंतरिक विकल्प देय)
3 x 15 = 45 अंक

खण्ड - 'ब' में एक प्रश्न आंतरिक विकल्प देय

15 अंक

Dy. Registrar
(Academic)
University of Rajasthan
JALPUR
पूर्णक 100

खण्ड - क

उपन्यास - निमंत्रण - प्रेमचन्द

खण्ड - ब

एकांकों

बालकृष्ण भट्ट - साहित्य जन समूह के हदय का विकास है
रामचंद्र शुक्ल - क्रोध
हजारी प्रसाद हरिवेरी - भारतीय साहित्य की प्रणालशक्ति
नन्द दुलारे वाजपेयी - छायावाद
रामलला शर्मा - संस साहित्य की ऐतिहासिक भूमिका
विद्याविनाय सिंह - मेरे राम का मुकुट भीम रहा है

खण्ड - स

अंकांक - परिभाषा तथा महत्व
(अनुप्रास यमक, शलेष, उपसं, रूपक, उत्प्रेक्षा, विभावना, अम्बुलते)

छन्द - परिभाषा तथा महत्व
(सोह्या, ऋषभात, छप्पय, रोत्या, मालिनी, शिशुरणी, दुर्लभभिधत, हरिगीतिका)

रस - परिभाषा, रस के अद्वय और रस सिद्धांत

गुण - माहूर्त, आज्ञ, प्रसाद

शब्द शक्ति - अभिधा, लक्षणा, अभिज्ञान

अंक विभाजन

कुल चार व्याख्याएँ - दो व्याख्याएँ उपन्यास खण्ड से दो व्याख्याएँ निबन्ध से (आत्मिक विकल्प देन)

चार आलोचनात्मक प्रश्न- (खण्ड अ द ब ज में से)
09 × 04 = 36 अंक
14 × 04 = 56 अंक
02 × 04 = 08 अंक

Dy. Registrar
(Academic)
University of Rajasthan
JAMUR
3. URDU
B.A. Part-III 2020

Paper-I (Jadeed Asnafe Adab)

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

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 Khutoot 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 Nazm Aur Europi Asrat-By Hamidi Kashmiri
2. Urdu Khake Nigari-By Dr. Sabira Sayeed
3. Urdu Inshaiya- By Dr. Mohd. Hasnain
4. Na Nazm Ka Safar-By Dr. K. Azmi
5. Urdu Inshayye-By Anwar Sadeed
6. Adab Ka Mutaliya-By Dr. Athar Parveez

Paper-II

(History, Essay and Translation)

<table>
<thead>
<tr>
<th>M.M. : 100</th>
<th>3 Hrs. Duration</th>
<th>Min. Pass Marks 36</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Urdu Adab Ka Aaghaz -o-Irtiqa up to 1957.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Fort William College Ki Adabi Khidmat.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Sir Syed Tehreek</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Dabistan-e-Delhi</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Dabistan-e-Lucknow</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
Books Prescribed for translation from Persian to Urdu:

1. Gulha-e-Farsi Published- By Kitabistan, 30 Chak Road, Allahabad.

Division of Marks:

<table>
<thead>
<tr>
<th>Unit</th>
<th>Topic</th>
<th>Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit I</td>
<td>Ten Short Answer type question.</td>
<td>20</td>
</tr>
<tr>
<td>Unit II</td>
<td>Essay on a literary topic.</td>
<td>20</td>
</tr>
<tr>
<td>Unit III</td>
<td>Translation from English, Hindi &amp; Persian into Urdu</td>
<td>20</td>
</tr>
<tr>
<td>Unit IV</td>
<td>Urdu Adab Ka Aghaz-o-Irtiqa Dabistan-e-Delhi &amp; Dabistan-e-Lucknow.</td>
<td>20</td>
</tr>
<tr>
<td>Unit V</td>
<td>Question on Sir syed Tehreek, Fort William College.</td>
<td>20</td>
</tr>
</tbody>
</table>

Total 100

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

Books Recommended:

1. Dacani Adab Ki Taeekh by Dr. Zor
2. Urdu Adab Ki Ek Sadi-by Dr. Syed Abdullah
3. Delhi Ka Dabistane Shairi-by Noorul Hasn Hashmi
4. Luknow Ka Dabistane Shairi-by Abdulla Siddiqi
5. Sir Sayed Aur Aligarh Tehreek-by Khaleeq Nizami
6. Fort William College Ki Adabi Khidmat-by Ubeda Begum
4. PERSIAN

BA Part III 2020

Paper-I : Prose & Poetry

Books prescribed:

1. Nisab-e-Jadeed Farsi Published by Jayyed Press Delhi.
   The following prose section is prescribed:
   Intekab Marzaban Namah - Marzaban Rustam Bin Sharveen
   (i) Dastan Barzeegar Bamar
   (ii) Dastan Ahoo-wa-Moosh-wa-Uqab
   (iii) Dastan Mard Tamaba-Nokhra Nokhara
   (iv) Dastan Ahangar-b-Mard Musafir
   (v) Dastan Bazargan-Ba-Dost Dana
   (vi) Dastan Dehcan-Ba-Pisr-e-Khud

   (i) Tareek-e-Tabri-Derzikr Khaber Padshahi Behrum Gour
   (ii) Chahar Maqala-Nisami Uruzi
   (iii) Chahar Maqla- Firdausi

The following poetry sections are prescribed:

1. Nisab-e-Farsi (Brae-B.A.Sal Suwwum)
   (i) Shahnama Firdausi Bazgasht.un-Ba-Jang-e-Asfandyar
   (ii) Gazliyat
       Farrukhi Yazdi
       Fidae-Sauz-e-Dil
       Pazman
       Maham-Shakista-Khatir
   (iii) Manzoomat-
       Parveen Etasami
   (a) Saped-o-Siyah (b) Asaish-e-Buzargan

   (i) Rubaiyat-e-Umarkhayyam (21 to 30)
   (ii) Intekabe Masnavi-e-Manavi Jalaluddin Rumi

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
Hikayat Ashique Shudan ........................

Unit-1  (A) Ten short answer type questions based on full paper.  10
         (B) Translation of two prose passages out of three into Urdu  20
Unit-2  Translation of two Poetry Passages out of three into Urdu  20
Unit-3  General Question on Prose Writer  15
Unit-4  General Question on Poetry Writer  15
Unit-5  Summary of prescribed lessons  20

Total  100

Note: Unit-I Both A and B questions are compulsory.

Paper-II: History of Persian Literature & Translation

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

Books Prescribed:

1. Tarikh-e-Adabiyyate-Iran By Raza Zada Shafaq (Urdu Edition/Translated)
2. Tarikh-e-Adabiyyate-Iran By Raza Zada Shafaq (Persian Edition)
5. Modern Persian Prose Literature By H. Khan Shad Published By Cambridge University, Press, 1966

Division of Marks:

Questions Based Upon the following Topics:

Unit-1  (A) Ten short answer type questions based on full paper.  10
         (B) Khan Period  20
         (i) Tarikh-e-Jahankusha
         (ii) Jama-ul-Tarikh
         (iii) Tarikh-e-Wassaf
         (iv) Tarikh-e-Gazidah

Unit-2  Critical Study of the following Writers & Poets of the 14th Century  20
         (i) Rumi
         (ii) Sadi
         (iii) Iraqui
         (iv) Khawaja Nasiruddin Tusi

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
Unit-3 The Timurid Period
   (i) Hafiz & his contemporaries
   (ii) Critical Study of Obez Zakaniasa Satarist
   (iii) Development of Persian Prose Literature During the 15th Century
   (iv) Jami and His Works

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 Qaani

Unit-4 Short Notes on the following Important Histories, Memories & Biographies of Qajar Periods
   (i) Nasikh-u-Tawarih
   (ii) Tarikh Muntazim Nasri
   (iii) Riyazul Arfeen Manmaussafa
   (iv) Nama-e-Danishwaran

Unit-5 Translation of Five Urdu Sentences into Persian

Total

Note: Unit-I Both A and B questions are compulsory.
5. Sanskrit

BA Part III 2020

सामाजिक निर्देश –

1. प्रत्येक परीक्षा में दो-दो प्रश्नपत्र होंगे।
2. प्रत्येक प्रश्नपत्र में पूर्णतम उत्तरीक्षण 36 तथा पूर्णक 100 होंगे और समय 3 घण्टे 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 ने 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. निर्दिष्ट मन्थ में से अनुवाद, व्याख्या, सरलार्थ एवं समालोचनात्मक प्रश्न पूछे जायेंगे।
6. प्रत्येक प्रश्नपत्र में 10 प्रश्न अंक संस्कृत भाषा में उत्तर के लिये निर्दिष्ट हैं।
7. प्रत्येक प्रश्नपत्र में दो भाग होंगे, जिसमें प्रथम 'अ' भाग लघुत्तरात्मक प्रश्नों का होगा। 'ब' भाग में निवायात्मक प्रश्न होंगे। 'अ' भाग में कुल 15 प्रश्न होंगे, जिनका पूर्णक 30 होगा।

प्रथम प्रश्न-पत्र : भारतीय दर्शन एवं व्याकरण

1. श्रीमद्भगवद्गीता – (2,3,4 अन्याय) 30 अंक
2. तर्कसंग्रह 30 अंक
3. विज्ञान-लघुसंस्कारकायुः भ्राताकृतिये अध्याय पौरुष, एवं एव पावली की लत सोर, लूट, लव एवं विविधता इत्यं पावली लक्षणो में इत्यादि समस्त गणना की प्रथम धातुओं की लत शाक्तिं एवं सूत्रों के संदर्भार्थ व्याख्या 40 अंक
कुल योग 100 अंक

अंक - विभाजन

<table>
<thead>
<tr>
<th>क्र.सं.</th>
<th>पादववस्तु</th>
<th>'अ' भाग प्रश्न संख्या</th>
<th>अंक</th>
<th>'ब' भाग प्रश्न संख्या</th>
<th>अंक</th>
<th>अंकों का योग</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>श्रीमद्भगवद्गीता</td>
<td>लघूतत्तलकास 02</td>
<td>04</td>
<td>02</td>
<td>26</td>
<td>04+26=30</td>
</tr>
<tr>
<td>2.</td>
<td>तर्कसंग्रह</td>
<td>लघूतत्तलकास 03</td>
<td>06</td>
<td>02</td>
<td>24</td>
<td>06+24=30</td>
</tr>
<tr>
<td>3.</td>
<td>व्याकरण विज्ञान</td>
<td>लघूतत्तलकास 10</td>
<td>20</td>
<td>02</td>
<td>20</td>
<td>20+20=40</td>
</tr>
<tr>
<td>कुल योग</td>
<td></td>
<td></td>
<td>15</td>
<td>30</td>
<td>70</td>
<td>100</td>
</tr>
</tbody>
</table>

प्रश्नपत्र निर्माता के लिए निर्देश

1. श्रीमद्भगवद्गीता 'अ' भाग 2 लघूतत्तलक प्रश्न प्रति प्रश्न 2 अंक 04 अंक

Di. Registrar (Academic-I)
University of Rajasthan
Jaipur
<table>
<thead>
<tr>
<th>सहायक पुस्तकें</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>(क) तर्कसङ्ग्रह — अध्याय एवं कोडास, पुरा</td>
<td>20 अंक संक्षेप में अपेक्षित है।</td>
</tr>
<tr>
<td>तर्कसङ्ग्रह — चौधर्य प्रकाशन, वाराणसी</td>
<td>06 अंक</td>
</tr>
<tr>
<td>चौधर्य प्रकाशन, जयपुर</td>
<td></td>
</tr>
<tr>
<td>(ख) गीता</td>
<td></td>
</tr>
<tr>
<td>भगवदगीता— गीताप्रेस, गोरखपुर</td>
<td>06 अंक</td>
</tr>
<tr>
<td>भगवदगीता, विनोद पुस्तक मंडिर, अगर</td>
<td></td>
</tr>
<tr>
<td>गीता रहस्य—लिल का भगवदगीता 2.3.4 अध्याय, दीक्षित निपाठी</td>
<td>06 अंक</td>
</tr>
<tr>
<td>श्रीमदभगवदगीता (2.3.4 अध्याय)— या. दी. राजेन्द्रप्रसाद शर्मा, जयपुर</td>
<td></td>
</tr>
<tr>
<td>(ग) व्याकरण</td>
<td></td>
</tr>
<tr>
<td>1. लघुसिद्धान्त कौमुदी—विद्वंत प्रकरण—दी. रामकान्त शर्मा, अज्ञात व धर्मचतुर्भुज</td>
<td>20 अंक</td>
</tr>
<tr>
<td>2. लघुसिद्धान्त कौमुदी—पं. श्री हरेराय श्री, भारतीय विद्या प्रकाशन, दिल्ली</td>
<td></td>
</tr>
<tr>
<td>3. पाणिनीय व्याकरण का अनुशीलन आर एस महादेव, इंडोलोजिकल बुक हाउस, बंगाल</td>
<td></td>
</tr>
<tr>
<td>4. लघुसिद्धान्त कौमुदी—हिंदी व्याकरण, दी. अर्जुन चौधरी, आयुर्वेद हिंदी संस्कृत पुस्तक भंडार, जयपुर</td>
<td></td>
</tr>
<tr>
<td>5. लघुसिद्धान्त कौमुदी— भिवास शास्त्री</td>
<td></td>
</tr>
<tr>
<td>6. लघुसिद्धान्त कौमुदी—महेशसिंह वृंदवान, चौधर्य संस्कृत प्रतिभाग दिल्ली</td>
<td></td>
</tr>
<tr>
<td>7. लघुसिद्धान्तकौमुदी—तिथिधी प्रकरण, दी. शुभांशु वेदांतकार, अलंकार प्रकाशन, जयपुर</td>
<td></td>
</tr>
<tr>
<td>8. तर्कसङ्ग्रह— व्याकरण दी. दयानन्द भार्गव, मोतिलाल बनर्जीप्रेस, नई दिल्ली</td>
<td></td>
</tr>
</tbody>
</table>

कुल अंक योग = 100 अंक


निर्देशना

प्रथम भाग

1. संक्षेप विषयों की प्रमुख स्थानीय संगठन और उनके संबंध
2. प्रमुख बाणों के निष्पादन
3. प्रमुख उपभोक्ता के प्रभाव
4. प्रमुख उद्योगों के निर्माण और उनके प्रभाव
5. प्रमुख केंद्रों के निर्माण

समय: 2 प्रश्न

निर्देश: 5 प्रश्नों के लिए 20 अंकें प्राप्त करना होगा।

प्रश्न 1: संक्षेप विषयों की प्रमुख स्थानीय संगठन

प्रश्न 2: प्रमुख बाणों के निष्पादन

प्रश्न 3: प्रमुख उद्योगों के निर्माण और उनके प्रभाव

प्रश्न 4: प्रमुख केंद्रों के निर्माण

प्रश्न 5: प्रमुख उद्योगों के निर्माण और उनके प्रभाव

कुल अंक: 100 अंकें प्राप्त करना होगा।

समय: 100 अंकें प्राप्त करना होगा।
<table>
<thead>
<tr>
<th>3</th>
<th>सामार्थ्य</th>
<th>'अ' भाग</th>
<th>4 ललूतरालक प्रस्तुत प्रतिष्ठा प्रश्न 2 अंक</th>
<th>08 अंक</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>'ब' भाग</td>
<td>2 रलोक पूर्वकर उनमें से किसी 1 की समस्त व्याख्या</td>
<td>06 अंक</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 प्रश्न पूर्वकर उनमें से किसी 1 का उत्तर अपेक्षित।</td>
<td>06 अंक</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>इतिविजय</td>
<td>'अ' भाग</td>
<td>03 ललूतरालक प्रस्तुत प्रतिष्ठा प्रश्न 2 अंक</td>
<td>06 अंक</td>
</tr>
<tr>
<td></td>
<td>'ब' भाग</td>
<td>2 रलोक पूर्वकर उनमें से किसी 1 की समस्त व्याख्या</td>
<td>06 अंक</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 प्रश्न पूर्वकर उनमें से किसी 1 का उत्तर अपेक्षित।</td>
<td>08 अंक</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>निवध</td>
<td>'ब' भाग</td>
<td>4 विवध दंकर उनमें से किसी 1 विवध पर संस्कृत में निवध लेखन</td>
<td>100 अंक</td>
</tr>
</tbody>
</table>

कुल अंक योग

साहित्य पुस्तकें—

रघुवाण—
1. रघुवाण—कालिदास, चौधर्य संस्कृत प्रतिष्ठान, दिल्ली।
2. रघुवाण—जेम्स आर्शु, गोरखपुर।
3. रघुवाण—गिरीशचन्द्र गुप्त, गोरखपुर।
4. रघुवाण—सोनू देव, गोरखपुर।
5. रघुवाण—प्रकाश सिंह, दिल्ली।
6. रघुवाण—रघुलाल, दिल्ली।
7. रघुवाण—रघुलाल, दिल्ली।
8. रघुवाण—रघुलाल, दिल्ली।
9. रघुवाण—रघुलाल, दिल्ली।
10. रघुवाण—रघुलाल, दिल्ली।
11. रघुवाण—रघुलाल, दिल्ली।

निवध रचना—
1. प्रभाव रत्नाकर, श्री आर सी शुकल।
2. प्रभाव रत्नाकर, श्री आर सी शुकल।
3. संस्कृत निबंधतनाकर—शिवानंद भारद्वाज।
4. संस्कृत निबंधतनाकर—श्री रामजी उपाध्याय।
5. संस्कृत निबंधतनाकर—श्री रामजी उपाध्याय।
6. संस्कृत निबंध एवं व्याकरण—पं. चण्डीप्रसाद।
7. संस्कृत निबंध एवं व्याकरण—पं. चण्डीप्रसाद।
8. संस्कृत निबंध एवं व्याकरण—पं. चण्डीप्रसाद।
9. संस्कृत निबंध एवं व्याकरण—पं. चण्डीप्रसाद।
10. संस्कृत निबंध एवं व्याकरण—पं. चण्डीप्रसाद।
11. संस्कृत निबंध एवं व्याकरण—पं. चण्डीप्रसाद।

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
12. संस्कृत निबन्ध रचना, डॉ. श्रीकृष्ण ओझा, राज प्रकाशन मंडिर, जयपुर
13. संस्कृत निबन्ध पारिजात, डॉ. रूपभाषा वेदांतकार, अलंकृत प्रकाशन
14. संस्कृत निबन्ध, डॉ. नन्दकिशोर गौतम एवं श्रीकृष्ण बिहारी भारती

अथवा

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

समय : 1 घण्टे
अंक—100

इस प्रश्न पत्र के दो भाग होंगे, जिसमें 'अ' भाग ब्रह्मविकल्पीय (सर्वत्रिष्ण) एवं लघुतर प्रश्नों का होगा। 'ब' भाग में निबन्धात्मक प्रश्न होंगे। 'अ' भाग में कुल 15 प्रश्न होंगे, जिनका पूर्णक 30 अंकों का होगा। इसके समाधान हेतु एक घण्टा की अवधि निर्धारित की गई है। 'ब' भाग का पूर्णक 70 अंकों का होगा, जिसके लिए शेष दो घण्टे की अवधि निर्धारित है। 10 अंक संक्षिप्त भाषा के माध्यम से उत्तर देने के लिए निर्णय है।

पाठ्यक्रम

1- भारतीय ज्योतिष के प्रारंभिक सिद्धांतों का परिचय
   (क) शीघ्रबोध (कुर्सीनाथ देवप्रसाद) — तथ्य प्रकरण (लतापालादि दस दोष रहित) 70 अंक
   (ख) फलित प्रभावित (विनोद शास्त्री) 30 अंक

2- तिथि–निर्णय के सामान्य सिद्धांत, प्रमुख प्रतापर तथा पंचांग का सामान्य परिचय — 30 अंक
   काल के 4, मेद, वर्ष के पांच मेद, अयन, अहू, मास, फ़ा, तिथि, श्राद्ध, वृद्धि संक्रांति
   निर्णय, दानादि, अविक्रमस–क्रमास में धार्मिक संस्थाओं के, ललित, ललित, कर्म के मेद एवं निर्णय,
   प्रदेशप्रत, जनमात्र, गणेशचर्चार्य, रामनवमी, नवरात्र स्थापना, महालय (आदि), दीपावली,
   होंठका आदि का सामान्य ज्ञान अपेक्षित है। पंचांग परिचय में तिथि, वार, नहर, बार,
   योग, करण का ज्ञान तथा पंचांग के सहायता से गुण मिलन, विशाल नूतन निर्णय,
   दृष्टांत, प्रगतिशील आदि जानने की शीर्षक का ज्ञान अपेक्षित है।

अंक—विभाजन

<table>
<thead>
<tr>
<th>क्र. सं.</th>
<th>नाम श्रेणिक</th>
<th>लघुतरास्तम प्रश्न</th>
<th>अंक</th>
<th>निबन्धात्मक प्रश्न संदर्भ</th>
<th>अंक</th>
<th>कुल अंक</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>(क) शीघ्रबोध</td>
<td>05 (लघु)</td>
<td>10</td>
<td>02</td>
<td>21</td>
<td>10+20=30</td>
</tr>
<tr>
<td></td>
<td>(ख) फलित प्रभावित</td>
<td>04 (लघु)</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 (लघु)</td>
<td>12</td>
<td>02</td>
<td>21</td>
<td>12+18=30</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>15</td>
<td>30</td>
<td>06</td>
<td>70</td>
</tr>
</tbody>
</table>

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
<table>
<thead>
<tr>
<th>प्रश्नपत्र निर्माता के लिए निर्देश—</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. भारतीय ज्योतिष (क) शीखिवाल तिवारी</td>
</tr>
<tr>
<td>5 लघुतत्रमक प्रश्न प्रति प्रश्न 2 अंक।</td>
</tr>
<tr>
<td>10 अंक</td>
</tr>
<tr>
<td>4 निवयतामक प्रश्न पूछकर 2 प्रश्नों के उत्तर अनोद्धी—प्रति प्रश्न 10 अंक निदानसित</td>
</tr>
<tr>
<td>20 अंक</td>
</tr>
<tr>
<td>(ख)फलित ज्योतिष</td>
</tr>
<tr>
<td>4 लघुतत्रमक प्रश्न प्रति प्रश्न 2 अंक।</td>
</tr>
<tr>
<td>08 अंक</td>
</tr>
<tr>
<td>फलित ज्योतिष पूछकर 2 प्रश्नों के उत्तर अनोद्धी—प्रति प्रश्न 16 अंक निदानसित</td>
</tr>
<tr>
<td>32 अंक</td>
</tr>
<tr>
<td>2. तिथिः—निर्णय एवं पंचांग परिचय</td>
</tr>
<tr>
<td>6 लघुतत्रमक प्रश्न प्रति प्रश्न 2 अंक।</td>
</tr>
<tr>
<td>12 अंक</td>
</tr>
<tr>
<td>4 निवयतामक प्रश्न पूछकर 2 प्रश्न का उत्तर अनोद्धी। (पंचांग परिचय संक्षेप में)</td>
</tr>
<tr>
<td>18 अंक</td>
</tr>
</tbody>
</table>

सहायक पुस्तकों—

1. शीखिवाल—पं. काशीनाथ देवडा, चौखम्बा प्रकाशन, जयपुर।

2. फलित ज्योतिषी—ज्योति भोगी, राजस्थान ज्योतिष परिषद एवं शोध संस्थान, जयपुर।

3. तिथि—निर्णय के प्रमुख सिद्धांत एवं विशेषता तिथि पर्ष्ठ निबन्धक—राजस्थान ज्योतिष परिषद एवं शोध संस्थान, जयपुर।

4. पंचांग का सामान्य परिचय, पं. शिवकरण शास्त्री एवं विकास शर्मा, प्रकाशक—राजस्थान ज्योतिष परिषद एवं शोध संस्थान, जयपुर।

5. विभिन्न प्रकाशित पंचांगों की सहायता भी प्राप्त है, जिसमें जयपुर पंचांग पं. दामोदर शर्मा कृत ग्रन्थ है।

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
6. PHILOSOPHY

B.A. Part III – 2020

Scheme:

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

General Instructions:

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

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

(3) Part I of the question paper will be of 40 marks in total. This part will consist of twenty compulsory short questions, with 2 marks each. The word limit for these questions shall be 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 contents) of a paper is divided into two units i.e. Unit A and Unit B, then in this part of the question paper six questions will be asked in total: three questions from each unit. Student will be asked to attempt three questions in total and at least one question from each unit. Each question will be of 20 marks. If syllabus (course contents) of a paper is divided into three units i.e. Unit A, B & C then in the Part II of the question paper, which consist of Essay type questions, six questions will be asked in total: two questions from each Unit. Students will be required to attempt three questions in total and one question from each Unit. The ideal word limit for these questions is 500-600 words.

Paper I: Philosophy of Religion

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

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

Unit C:
1. Prayer and bhakti.
2. Immortality of the soul, transmigration and the doctrine of karma.
4. Religious pluralism and the problem of absolute truth.

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
Suggested Readings:

- John Hick: Philosophy of Religion (Hindi Translation available).
- John Hick (Ed): Classical and Contemporary Readings in Philosophy of Religion
- Harendrak Prasad Sinha: धर्मदर्शन की रूपरेखा, मोतीलाल बनारसीदास, नई दिल्ली
- Yaqub Masih: Religious Philosophy (Hindi edition available)
- H.N. Mishra: धर्मदर्शन का पतिक
- V.P. Verma: धर्मदर्शन की मूल समस्यायें
- L.N. Sharma: धर्मदर्शन

Paper II: Samkhya Yoga

Unit A:
1. Isvarksna’s Samkhya Karika with Vaschaspati Mishra’s commentary Samkhya Tattva Kaumudi.

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

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

Paper III: Plato

Prescribed Reading: The Republic, Plato

Suggested Readings:

- Dr. Zakir Hussain: रिपोर्ट
- R.S. Bhatnagar: नागरिकों (रिपोर्ट का हिन्दी अनुवाद)

Paper IV: Logic (Indian)

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

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
Unit: B

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

Suggested Readings:

- Annambhatta: Tarkasangraha
- Dharmakirti: Nyayabindu.
- Yasovijaya: Jaina Tarka Bhasa.
- S.S. Barlingay: A Modern Introduction to Indian Logic.
- F.Th. Stechbatsky: 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
- हुदय नारायण मिश्र: समाज दर्शन सैद्धांतिक एवं समस्यात्मक विवेचन
- शिवनाथ सिंह: समाज दर्शन का संबंध
- के.के. पाटक: समाज एवं राजनीतिक दर्शन (राजस्थान हिन्दी ग्रंथ अकादमी, जयपुर)
- दी. श्री एन. सिंह: समाज दर्शन एवं राजनीतिक दर्शन (आशा प्रकाशन, हलाहल)
- तथा प्र. उदय शंकर

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
The scheme of examination will be as follows:

Scheme:

Maximum Marks 200

Paper I
3 hrs. Duration
Marks 100

Paper II
3 hrs. Duration
Marks 100

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

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

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

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

परीक्षा योजना

अधिकार्य अंक 200

प्रथम प्रश्नांक समग्र 3 घंटे अंक 100

दूसरी प्रश्नांक समग्र 3 घंटे अंक 100

नोट: हिस्ट्रीय विषय के कुल दो प्रश्नांक हों, प्रत्येक प्रश्नांक तीन घंटे की अवधि का एवं 100 अंकों का होगा।

प्रत्येक प्रश्नांक के दो भाग होंगे। प्रथम भाग अंक 40 के होंगे एवं इस भाग में दो अधिविद्य प्रश्न होंगे।

20 अंकों के प्रथम अधिविद्य प्रश्न में, दो-दो अंक के 10 अधिविद्य अतिलघुततत्त्वक प्रश्न होंगे। प्रत्येक प्रश्न का यहां सीमा 20 शतांि।

20 अंकों के दूसरे अधिविद्य प्रश्न में, चार-चार अंक के 10 लघुततत्त्वक प्रश्न हो। इनमें से 05 प्रश्न करने होंगे। प्रत्येक प्रश्न का यहां सीमा 50 शतांि।

इन प्रश्नों के दूसरे भाग में, पाद्यकाम के तीन खण्डों के से, प्रत्येक खण्ड से दो-दो प्रश्नों का चयन करते हुए कुल 06 नित्यततत्त्वक प्रश्न होंगे। प्रत्येक प्रश्न 20 अंकों का होगा। परीक्षाधिकारियों को प्रत्येक खण्ड से से कम से कम एक प्रश्न का चयन करते हुए कुल 03 उपलब्ध करने योग्य होगे। प्रश्नपत्र का यह भाग 60 अंक का होगा।
PAPER I: HISTORY OF MODERN INDIA (1761 - 1971 A.D)

Section - A


Section - B

Section - C


प्रथम प्रश्नपत्र: आत्मनिर्भर भारत का इतिहास (1761-1971 ईस्वी)

खण्ड - a

अवरोधी सरकार के समय में भारत। समय परिवर्तन, इसकी शक्ति एवं दुर्बलता - अंग्रेज़ों से सूचक एवं सरकार का पतन। ब्रिटिश साम्राज्य का विलय एवं परिवर्तन: बंगाल, पैंसूर, अया, लिथिया एवं पंजाब - सहायक संघ एवं विदेश का बिजली। इंदिरा गांधी कम्युनिस्ट पर संसदीय नियंत्रण की दशा। - सप्ताहों एवं विद्रोह इंदिरांग एक। मु-भारत मधिया: स्थायी, स्थायिक एवं महत्त्वपूर्ण। ब्रिटिश साम्राज्य के प्रथम जन प्रतिरोध: 1857 का विलय - कारण, शक्ति एवं परिणाम।

खण्ड - b

1858 के बाद ब्रिटिश शक्ति - ब्रिटिश सरकार का विलय। सरकारी अर्थव्यवस्था का स्वरूप - कृप्रति का व्यवस्थापन, पुनर्जीवित होने का पता - सांस्कृतिक परिवर्तन: तुलना ग्रहण - अर्थव्यवस्था, आर्थिक समर्थन, समाजवादी नियंत्रण। भारत: देश, राष्ट्र, राजनीति एवं संस्कृति - प्रथम राष्ट्रवाद: भारतीय राष्ट्रवाद का उदय, भारतीय राष्ट्रीय अंगेश की दशा - नरसिंह एवं उपराँगी - विलय एवं फिलहाल। आर्थिक राष्ट्रवाद, स्वदेशी आदेश।

रोज़ार रेजिस्ट्रेट, एडि.
University of Rajasthan,
Jaipur
Books Recommended (अनुशासित 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

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 : आमुरिक भारत का इतिहास,

सुमित सरकार : आमुरिक भारत : 1885-1947 (अनुवाद)

जगनाथ प्रसाद मिश्र : आमुरिक भारत का इतिहास, उत्तरप्रदेश हिन्दी संस्थान, लखनऊ,

विधि विनाश एवं अन्य : भारत का राष्ट्रवाद संशोधन, दिल्ली, 1998

अंतर्न. शुक्ल (सं.) : आमुरिक भारत का इतिहास हिन्दी माध्यम कार्यनवायन निगरानी,

दिल्ली विश्वविद्यालय, दिल्ली
Section A


Section B


Section C

दूसरी प्रस्ताव : अमूर्त विश्व का उन्नयन (1900-2000 ईसवी)

उत्तर - व

पुनर्जीवन एवं अमूर्त विश्व का उन्नयन। परिवर्तन एवं अलग-परिवर्तन। अंतरात्मिक
परिवर्तन - तनावसाधन से पुनर्जीवन। अंतरात्मिक की क्षमता - अलग, सादृश्य एवं परिवर्तन। कारण
की क्षमता - मुद्रण, हादसा प्रदर्शन एवं प्रपक्ष। निरीक्षण दोनों का सूचनाक। अंतरात्मिक क्षमता - अलग, सादृश्य
एवं परिवर्तन।

उत्तर - ह

1900 ईसवी में विश्ववाद का उदय। इतिहास एवं इतिहास का दर्शन एवं अवधारणा। सूक्ष्मण्डल का
पुंह एवं पुरुष में 1830 एवं 1848 की क्षतियुक्ति। सामाजिक एवं सामाजिकदार्श का दर्शन - यह दर्शन का
शोभावन, एवं अवधारणा के दौरान होने के लिए उभयी कृत्तिज्ञान।
विज्ञान में सूर्यसागर सामाजिकवि की प्रभाव। विज्ञान में 1911 की क्षमता - विज्ञान का शिक्षाधारण। 1915
शताब्दी में ज्ञान का सूचनाकियत्व। डायन विश्व मुद्रा - अलग एवं परिवर्तन। सादृश्य।

उत्तर - द

1917 की बड़ी क्षति। अंतरात्मिक क्षमता एवं समाज। इतिहास में अंतरात्मिक एवं इतिहास में नक्सल।
हिंदुस्तान विश्व-नुक्साल। संस्कृत संस्कृत - प्रदर्शन, उपायमोह, तोपों। 1949 की बड़ी क्षति। चीन-पुरुष।
इतिहास विश्व का अनुपयोग एवं नुक्सालियत। अज्ञात (सिस्टम), राजनीति-पुरुष एवं धर्म (नाटक), अंतरात्मिक
- तनाव के मोड़ने वाले उद्देश्य। निरीक्षण विश्व में एक प्रवेश।

Books Recommended (सूचीकृत ग्रन्थ):
A. G. Dickson : 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. Hazeil : Modern Europe to 1945, Indian Reprint, Delhi, 1977
David Thorton : Europe since Napoleon, Penguin, 1965
George Vernadsky : A History of Russia, 1961
Harold M. Widdow : A History of the Far East in Modern Times, Indian Reprint, Ludhiana
8. Political Science
B.A. Part III – 2020

Scheme of Question Papers

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

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

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

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

प्रथम प्रश्न—पत्र: प्रतिनिधिपतिस्मी राजनीतिक विचारक

खण्ड 'क'

प्लेटो, अरस्तू व एक्विनास।

खण्ड 'ख'

मेक्सियाबली, होब्स, लॅक व रसो।

खण्ड 'ग'

वेनरम, जे. एस मिल, मार्क्स एवं हैराल्ड जे. लास्टी।

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur

Raj Var
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. Weyper: 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

खण्ड ‘क’

द्वितीय विश्वयुद्धात अन्तर्राष्ट्रीय संबंध एवं भारतीय विदेश नीति

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
क्षण 'ख'

भारत की विदेश नीति: निर्वाचित तत्त्व, भारत एवं संयुक्त राष्ट्र, गुट निर्माण आंदोलन एवं वर्तमान में प्रासंगिकता, पूर्व की और देखिये नीति, भारत के पड़ोसी देश एवं प्रमुख शक्तियों (अमेरिका, यूरोप, चीन) के साथ सम्बन्ध, समसामयिक बहुजीवी विश्व में भारत।

क्षण 'ग'

अन्तरराष्ट्रीय राजनीति में सम-सामयिक प्रवृत्तियो द मुद्दों, परिप्रेक्ष्यी एशिया की राजनीति, नवीन विश्व अर्थव्यवस्था, क्षेत्रीय सहयोग संगठन: आसियान (दक्षिण-पूर्वी एशिया राष्ट्र संगठन) एवं सार्क (दक्षिण एशियाई क्षेत्रीय सहयोग संगठन)विविध, इत्यादि, संयुक्त राष्ट्र में सुधार की मंगल एवं संयुक्त राष्ट्र में भारत की स्थायी सदस्यता, समसामयिक वैश्विक मुद्दे: मानव अधिकार, पर्यावरणीय मुद्दे, लैंगिक न्याय, आतंकवाद, पर्यावरण प्रश्न।

अनुशंसित पुस्तकः

ब्रेक एप्फ थॉमसन : फारेन पॉलिसी
जॉर्डन कॉनेल समथ : पेट्टर्स परसेशन ऑफ दी डालिंग सिंग 1982।
डैनियल एस.पी : सोवियत परसेशन ऑफ दी डालिंग वर्ल्ड इन 1980।
ओन मुहर्रम शर्मा : अन्तरराष्ट्रीय सम्बन्ध 1945 से अब तक।
गहेन्द्र गुमरार : अन्तरराष्ट्रीय राजनीति के सैद्धांतिक पक्ष (हिन्दी व अंग्रेजी)
पी.सी.बाब्बा : अन्तरराष्ट्रीय सम्बन्ध (आदर्श प्रकाशन, चौड़ा रास्ता जयपुर)।
बाबूलाल फाहिदा : अन्तरराष्ट्रीय सम्बन्ध
पुराना जैन : अन्तरराष्ट्रीय सम्बन्ध
दीनानाथ वर्मा : अन्तरराष्ट्रीय सम्बन्ध
एस.एम. घर : इंटरनेशनल पॉलिटिक्स सिंग 1949।
हरिदास वेदालकर : इंटरनेशनल पॉलिटिक्स

Paper II : International Relations since World War –II and Indian Foreign Policy

Section-A


Section-B

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

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
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
Mahencra Kumar: Theoretical Aspects of International Politics
P.K. Chaddha: Antar Rashtriya Sambandh (Adarsh Prakashan Choura Rasta, Jaipur)
Palmer and Perkins: International Relation
Hans Morgenthau: Politics among Nation
Babulal Fadiya: Antar Rashtriya Sambandh
Pukhray Jain: Antar Rashtriya Sambandh
9. **INDIAN MUSIC (VOCAL)**

**B.A. PART - III**

<table>
<thead>
<tr>
<th>Paper</th>
<th>Duration</th>
<th>Max. Marks</th>
<th>Min. Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper - I</td>
<td>3 hrs.</td>
<td>40</td>
<td>15</td>
</tr>
<tr>
<td>Paper - II</td>
<td>3 hrs.</td>
<td>40</td>
<td>15</td>
</tr>
<tr>
<td>Practical</td>
<td>1 hour per candidate</td>
<td>120</td>
<td>43</td>
</tr>
</tbody>
</table>

**Teaching Hours**

- **Practical:** 6 Hours Per Week
- **Theory:**
  - Paper -I: 2 Hours Per Week
  - Paper -II: 2 Hours Per Week

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

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

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

---

**Paper I**

**Principles of Indian Music (Vocal)**

**Section – A**

<table>
<thead>
<tr>
<th>Paper -I</th>
<th>3 hrs. duration</th>
<th>Max. Marks</th>
<th>Min. Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>40</td>
<td>15</td>
</tr>
</tbody>
</table>

1. Brief study of Rag and Ras.
2. Comparative study of different Gharanas of Khayal and Sitar

**Section – B**

2. Folk Music instruments of Rajasthan.
4. Forms of Karnataka Music

---

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
Section – C
1. Notation writing of different compositions in prescribed Ragas.
2. Writing of Alaps and Tanas 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 layakaries Dugun, Tigun, Chaugun and Chhagun in the following Talas- Tilawada, Dhamar, Trital, Jhaptal, Ektal, Chautal, Roopak, Dadra, Punjabi, Sooltal, Jhoomra, Adachautal, Tivra, Deepchandi.

Paper – II
Vocal Music

3 hrs. Duration Max. Marks 40 Min. Marks 15

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

History of Indian Music

Section – A
2. Study of the works of Bharat, Matang, Sharangdev Vishnudigumber Paluskar and Bhakhande.
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 Vocal Practical
Max. Marks 120 Min. Marks 43

There shall be one practical paper (conducted by two different Examiners: External and Internal)

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
(Non-collegiate candidates will have to attend a practical course of forty eight hours at university allotted centres)

Duration of Exam. : 1 hours per candidate.

Presentation of Ragas & Viva-voceMax. Marks 120 Min. Marks 43
Critical and Comparative study of Ragas & Talas according to syllabus.

Detailed Course:

1. To sing given musical piece and to recognize the ragas & swaras when sung.
2. To show the difference of ragas through swarvistar in all the ragas.
3. To know orally the "Bol" with Dugun, Tigan 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 Aroh, Avroh, 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 Tabla 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 tabla 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) Adan (v) Durga(vi) Puriya (vii) Chhayanat (viii) Puriyadhanashri.
7. With the accompaniment of Tabla or Pakhawaj to sing one Dhrupad and one Dhamar with all laykaris and Tihai, in any two different ragas prescribed under clause4 , but not selected under clause 5 & 6.

Books Recommended:

1. Kramik Pustak Malika parts 2,3 and 4 Pt.V.N. Bhatkhande.
2. Tan Malika parts 2 & 3 by Raja Bhaiya Poochwale,
3. Tan Sangrah by S.N. Ratanjankar.
5. Sitar Shiksha 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.
10. Vadya Shastra by Shri Harish Chandra Srivastava.

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>12.</td>
<td>Sangeet Visharad by Basant.</td>
</tr>
<tr>
<td>16.</td>
<td>Bhartiya Sangeet ka Itihas-Umesh Joshi.</td>
</tr>
<tr>
<td>17.</td>
<td>The Music of India by H.A. Popely.</td>
</tr>
<tr>
<td>18.</td>
<td>Hindustani Sangeet Paddhati 1 to 4 by Pt. Bhatkhande</td>
</tr>
<tr>
<td>19.</td>
<td>Pranav Bharti by Omkar Nath Thakur.</td>
</tr>
<tr>
<td>22.</td>
<td>Sangeet Rasmanjari- Pt. Laxman Bhatt Tailang</td>
</tr>
<tr>
<td>23.</td>
<td>Sangeet Mani Part-I,II- Maharani Sharma</td>
</tr>
<tr>
<td>24.</td>
<td>Sangeet Swarit- Ramakant divedi</td>
</tr>
<tr>
<td>25.</td>
<td>Panchashika Sangeet Vimal Manjari- Pt. Laxman Bhatt Tailang</td>
</tr>
<tr>
<td>27.</td>
<td>Brihaddeshiaya by Matang.</td>
</tr>
<tr>
<td>28.</td>
<td>Sangeet Ratnakar by Sharangdev.</td>
</tr>
<tr>
<td>29.</td>
<td>Rag Tarangini by Lochan.</td>
</tr>
<tr>
<td>30.</td>
<td>Sangeet Parijat by Ahobal</td>
</tr>
</tbody>
</table>

Dy. Registrar (Academic-I)  
University of Rajasthan  
Jaipur
INDIAN MUSIC

B.A. Part III – 2020

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

Teaching Hours

Practical: 6 Hours Per Week
Theory: Paper -I 2 Hours Per Week Paper -II 2 Hours Per Week

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

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

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

Paper I: Principles of Indian Music (Instrumental)

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

(1) Life sketches and contribution of the following musicians- Panna Lal Ghosh, Ustad Bismillah Khan, Ali Akbar Khan, Imdad Khan, and Amjad Ali Khan.
(2) Folk instruments of Rajasthan.
(3) Forms of Hindustani Music.
(4) Forms of Karnataka Music.

Section –C

(1) Notation writing of different compositions in prescribed Ragas.
(2) Writing of Alaps and 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 layakaries Dugun, Tigun, Chaugun and Chhagun in the following Talas- Tilawada, Dhamar, Trital, Jhaptal, Ektal, Chautal, Roopak, Dadra, Punjabi, Sooltal, Jhoomra, Adachautal, Tivra, Deepchandi.

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
Paper – II: Instrumental Music (Sitar)

3 hrs. Duration
Max. Marks 40
Min. Marks 15

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

History of Indian Music
Section – A

(1) Origin of Music.
(2) Study of the works of Bharat, Matang, Sharangdev Vishnudigumber 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 Instrumental (Sitar)

Max. Marks 120
Min. Marks 43

There shall be one practical paper (conducted by two different Examiners: External and Internal)

(Non-collegiate candidates will have to attend a practical course of forty eight hours at university allotted centres)

Duration of Exam.: 1 hours per candidate.

Presentation of Ragas & Viva-voce
Max. Marks 120 Min. Marks 43

Critical and Comparative study of Ragas & Tala according to syllabus.

Detailed Course:
1. To Play given musical piece and to recognize the ragas & swaras when played.
2. To show the difference of ragas through swarvistar 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.

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur

Signature
4. To play Aroh, Avroh, 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 Tabla to play Vilambitgat (foyfEcrxr) and Drutgat (दुर्गत ) 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 (nzzqrxr ) 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 Pt.V.N. Bhatkhande.
(2) Tan Malika parts 2 & 3 by Raja Bhaiya Poochwale,
(3) Tan Sangrah by S.N. Ratanjankar.
(4) Sitar Marg by S.Bandopadhyaya.
(5) Sitar Shiksha 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) Lakxhr ds thou i"B by S.Rai.
(10) Vadya Shastr by Shri Harish Chanda Srivastava.
(11) Hamare Sangeet Ratna by Sangeet Karyalaya, Hathras.
(12) Sangeet Visharad by Basant.
(13) Sangeet Kaumudi by V.Nigam.
(14) Hindustani Music-its physics and Aesthetics by G.S. Ranade.
(15) Origin of Ragas – Bandopadhyaya.
(16) Bhartiya Sangeet ka Itihas-Umesh Joshi.
(18) Hindustani Sangeet Paddhati 1 to 4 by Pt. Bhatkhande
(19) Pranav Bharti by Omkar Nath Thakur.
(20) Karanataka Music-Ramchandran.
(21) South Indian Music by Sambamurti.

Dy. Registrar (Academic-I) 
University of Rajasthan 
Jaipur
(22) Sangeet Rasmanjari- Pt. Laxman Bhatt Tailang
(23) Sangeet Mani Part-I,II- Maharani Sharma
(24) Sangeet Swarit- Ramakant divedi
(25) Panchashika Sangeet Vimal Manjari- Pt. Laxman Bhatt Tailang
(26) Natya Shastra by Bharat.
(27) Brihaddeshiaya by Matang.
(28) Sangeet Ratnakar by Sharangdev.
(29) Rag Tarangini by Lochan.
(30) Sangeet Parijat by Ahobal.
### Scheme:

<table>
<thead>
<tr>
<th></th>
<th>Max. Marks</th>
<th>Mini. Marks</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Two Papers</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paper-I</td>
<td>90</td>
<td>36</td>
<td>3 Hours</td>
</tr>
<tr>
<td>Paper-II</td>
<td>60</td>
<td>36</td>
<td>3 Hours</td>
</tr>
</tbody>
</table>

**Note:** Each paper shall consist of two parts.

**Part-I** would consist of 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 30 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, Ideological and Developmental Approaches to the Study of Comparative Administration.
Section - B
Parliamentary System in UK, Presidential System in USA and Presidentialist System in France. Salient Features of Administrative Systems of UK, USA, France and Nepal with particular Reference to Central Administration and Nature and Role of Civil Service

Section - C
British Home Office, Cabinet Secretariat in Great Britain, Independent Regulatory Commission in USA. The Office of Governor in the USA. French Council of State, Swedish Ombudsman, British Treasury

Core Readings:
1. Ferrel, Heady: Public Administration: A Comparative Perspective
2. Ogg & Zink: Modern Foreign Government
3. V.D. Mahajan: Modern Select Governments
4. Vishnu Bhagwan and Vidyaa Blushan: World Constitutions
5. तिलक शर्मा: सामाजिक व्यवस्थाएँ
6. गौतम गोयना: तुलनात्मक राजनीति
7. Gavin Drewry and Tony Butchee: The Civil Service Today
9. S.R. Maheshwari: Higher Civil Service in France
10. उपेन्द्र कुटेरि: विश्व के मुख्य सरकारें
11. मुंडेश्वर कलाठिया: सामाजिक व्यवस्थाएँ
प्रश्न-पत्र 1

तुलनात्मक प्रारंभिक अवस्थाएँ

भाग-अ

तुलनात्मक लोक प्रारंभ का अर्थ, प्रभुता, शेष व महत्ता, तुलनात्मक लोक प्रारंभ, अध्ययन के उपाय : संयुक्त राष्ट्र - ब्रिटेन, पारिसिटी, विकसित अवस्था, वैयक्तिक अवस्था। विदेश, दुनिया, संयुक्त राष्ट्र अमेरिका तथा ब्रिटेन के संबंधों के प्रमुख तत्त्व।

भाग-ब
नेपाल के संवर्धन अवस्था, संवर्धन राज्य अमेरिका में अध्ययन अवस्था, फास्न में अध्ययन अवस्था।

भाग-ग
ब्रिटेन के संवर्धन अवस्था, राष्ट्र अमेरिका, आंतरिक नेपाल की प्रारंभिक अवस्थाओं की प्रमुख विशेषताओं, मेनेंट्री प्रारंभ के लोक सेवाओं की प्रमुख तत्त्व एवं भूमिका के विषय संदर्भ में।

भाग-ड
क्रेपेय गूँ बिभाग, ब्रिटेन में परिवर्तन संबंधी, संयुक्त राष्ट्र अमेरिका में स्वतंत्र संवर्धन, आयोग, संयुक्त राष्ट्र अमेरिका में गवर्न मा पर, आंतरिक नेपाल, नीदरलैण और नीदरलैण, ब्रिटेन राष्ट्रों।

Core Readings:
3. V.D. Mahajan: Modern Select Governments.
5. श्री.कृ. भेम: तुलनात्मक प्रारंभिक अवस्थाएँ।
6. सी.कृ. भेम: तुलनात्मक प्रारंभिक अवस्थाएँ।
10. सी.एल. भजेश्वर: विश्व के प्रमुख संबंध।
11. सूरेन्द्र कारारिया: तुलनात्मक प्रारंभिक अवस्थाएँ।

Dy. Registrar
(Academic)
University of Rajasthan
JAIPUR.
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...
Books Recommended:
1. R. Argel: Municipal Government in India
2. S.R. Maheswari: Local Government in India.
4. R.L. Khanna: Municipal Government and Administration in India.
5. S.K. Bhogle: Local Government in India.
6. दी. एच.सी.: शासन में स्थानीय प्रशासन

Subsidiary Readings:
1. S.C. Jain: Community Development and Panchayati Raj
3. Govt. of Rajasthan: Rajasthan Municipalities Act, 1964

Journals:
1. Nagarlok, Delhi
भाषा-पत्र II : स्थानीय प्रशासन

भाषा-अ

अभ्युदय नामक स्थानीय स्वयंसेवक का अभ, पृथक तथा पहचान। ग्रामों, ग्रामस्तर तथा अभ्युदय भाषा में स्वयंसेवक का विवाह, भाषा व इतिहास स्थानीय स्वयंसेवक को संगठन और योजना, वित्तीय प्रशासन के स्थानीय विकास के कार्य, शिक्षा तथा धार्मिक। पश्चात्तात्त्विक प्रशासन : नया नियम तथा उनकी न्यायवाद एक नया तत्त्व देखता की समस्याएँ।

भाषा-ब

भाषा व लेखनकृतियों के अनुसार का संचयन तथा व्यवहार, 7 वे संबंधित संरचना संयोजन के द्वारा संयोजन में पांडुर्भ भाषा संबंधित, ग्राम पंचायत तथा ग्राम संघ का संरचना तथा कार्य।

प्रशान्त तथा स्थानीय इकाई में ग्रांथीनियों प्रशासन, स्थानीय निकायों में भारी, अधिकारियों, प्रतीतियों प्रशासन तथा रोजगार की सूचना।

भाषा-स

भाषा व स्थानीय फ़र्मों का विकास प्रशासन, स्थानीय प्रशासन के प्रवेश के किरदार : स्थानीय निकायों पर राज्य-विभाग, राज्य सरकार तथा स्थानीय निकायों (राज्यविभाग न राज्यविभाग) पर विरोध की फ़ासले, स्थानीय निकाय, वित्तीय प्रशासन तथा शिक्षा विकास द्वारा स्थानीय प्रशासन की पुर्णता।

अनुसूचित पुस्तकें :
1. अनुभव : भारतीय प्रशासन इंटर इंडिया
2. ए.ए.ए. पालिकारी : भारत में स्थानीय प्रशासन
3. एन.ए. पालिकारी : प्रशासनीय राज इंडिया
4. आ.ए.ए. पालिकारी : स्थानीय प्रशासन इंटर इंडिया
5. एन.सी. पालिकारी : राजस्थान ग्रामपंचायत इंडिया
6. एन.ए.ए. पालिकारी : भारत में स्थानीय प्रशासन

सहायक पदार्थ सामग्री :
1. भारतीय समाजसेव एवं विकास सदन, 1963
2. ग्रामपंचायत इंटर इंडिया, 1964
3. ग्रामपंचायत इंटर इंडिया, 1964
4. विभाजित पदार्थ सामग्री, 1963
5. राजस्थान सरकार, 1993
6. विभाजित पदार्थ सामग्री, 1957
7. ग्रांथी विभाजित पदार्थ सामग्री, 1964

[लेखक के नाम]

Dy. Registrar (Acad.)
University of Rajasthan
JAIPUR
11. DRAWING & PAINTING

B.A. Part III – 2020

SCHEME:

<table>
<thead>
<tr>
<th>Course</th>
<th>Duration</th>
<th>M.M.</th>
<th>Min. Pass</th>
<th>Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theory Paper I</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Post Independence</td>
<td>3 hrs.</td>
<td>60</td>
<td>21</td>
<td></td>
</tr>
<tr>
<td>Artists of India</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paper II-Practical Paper I</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Study from Life</td>
<td>5 hrs.</td>
<td>60</td>
<td>22</td>
<td></td>
</tr>
<tr>
<td>Paper III-Practical Paper II</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pictorial Composition</td>
<td>5 hrs.</td>
<td>60</td>
<td>22</td>
<td></td>
</tr>
<tr>
<td>Submission of Practical Works</td>
<td></td>
<td>20</td>
<td>07</td>
<td>72</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>200</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Paper I: Post Independence Artists of India

Note: The paper consists of three parts:

Part – I: Carries 10 marks and consist of 10 short type questions of 1 mark each.
Part – II: Carries 20 marks and consist 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, Shankhoo Choudhary, Ram Kinkar Bajji, Dhanraj Bhagat, Somnath Hore, Mrinalini Mukherjee, Himmat Shah.

Section – C


Books Recommended:

1. Art of India (Feeling and Form) - Ajit Mukarjee
2. आयुर्विज्ञान चिन्तकला की पृष्ठभूमि — जी.के. अग्रवाल

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
3. भारतीय विज्ञानकला के आधार स्तर - प्रेमचंद गोस्वामी
4. भारत की समकालीन कला - प्राणनाथ मारे, नेहरूकल दुकु टर्स्ट इंडिया, नई दिल्ली, 2006
5. आधुनिक कला कोश - विनोद भारद्वाज, वाणी प्रकाशन, नई दिल्ली, 2006
6. आधुनिक विज्ञानकला का इतिहास - आर.बी. सांख्यकर, राजस्थान हिंदी सभा अकादमी, जयपुर।
7. समकालीन कला - अशोक
8. कला विश्लेष - आर.ए. अग्रवाल, डी.एस.ए. बुक्स इंटरनेशनल, मेघाल, 2015

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

Medium – Pencil/Charcoal/Soft Pencil

Duration : 5 hrs.

Size ½ Imperial

Max. Marks : 60

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

**Books Recommended :**

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

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

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

Pictorial Composition in any style with use of human figures, should be rendered with emphasis on stylization, colour scheme and textures etc.

Medium – Acrylic, Tempera, Oil, Pastel etc.

Duration : 5 hrs.

Size ½ Imperial

Max. Marks : 60

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

**Submission of Practical work :**

Max. Marks : 20

Min. Pass Marks : 7

(a) Five plates from Life.
(b) Five Plates form Composition.
(c) A Sketch book of not less than 50 sketches

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
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, Khujraho, Mahabalipuram etc. once a year.

(e) Practical examination will be conducted at the centres and the practical work will be examined like the practical paper of Music or Home Science which means that an external examiner will examine the answer books in consultation with and internal examiner who is the subject teacher of the Department of Drawing and Painting. University may centralize the practical examinations at few well equipped Departments to hold examination economically.

[Signature]

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
12. SOCIOLOGY

B.A. Part III – 2020

Scheme:

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

Note: नोट: समाजशास्त्र के दो प्रश्न-पत्र होंगे। प्रश्न पत्र के दो भाग होंगे। प्रथम भाग 40 अंकों का होगा। प्रथम भाग में दो अनिवार्य प्रश्न होंगे। 20 अंकों के एक प्रश्न में, एक-एक अंक के 20 लघु प्रश्न होंगे तथा प्रत्येक प्रश्न का उत्तर परीक्षार्थी को अधिकतम 20 शब्दों में देना होगा। दूसरे अनिवार्य प्रश्न के अंतर्गत दो-दो अंकों के 10 प्रश्न होंगे। प्रत्येक प्रश्न का उत्तर परीक्षार्थी को अधिकतम 40 शब्दों में देना होगा। निर्धारित शब्द सीमा से अधिक शब्दों में उत्तर देने पर अंक काटे जा सकते हैं। प्रश्न-पत्र के लिए निर्धारित कुल 3 घंटों की अवधि में से अधिकतम 1 घंटे की अवधि प्रश्न-पत्र के इस भाग के लिए निर्धारित होगी।

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

प्रश्न-पत्र के द्वितीय भाग में, पादयक्रम के तीनों खण्डों में से प्रत्येक में से दो-दो निविद्धालय प्रकृति के प्रश्न होंगे। परीक्षार्थियों को प्रश्न के खंड में से कम से कम एक प्रश्न का चयन करें तथा, 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 works. 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.

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
Paper I: Sociological Thought

Max Marks: 100

Unit I: Classical Sociological Tradition
- Karl Marx: Dialectical Materialism, Class struggle
- Emile Durkheim: Mechanical and Organic Solidarity, Social Fact
- Max Weber: Social Action, Types of Authority

Unit II: Contemporary Sociological Tradition
- Jurgen Habermas: Legitimation Crisis, Communicative Action
- Antonio. Gramsci: Hegemony, Civil Society
- Anthony Giddens: Modernity, Structuration

Unit III: Indian Sociological Tradition
- M.N. Srinivas: Sanskritization, Dominant Caste
- D.P Mukherji: Diversity, Dialectics of Tradition
- A.R Desai: Nationalism, Path of Development

Essential Readings: (in English):

Essential Readings: (in Hindi)
1. दोषी, एस. एल., 2003: आधुनिकता अंतर-आधुनिकता एवं नव-समाजशास्त्रीय सिद्धांत, जयपुर: रावत पब्लिकेशन्स
2. हुसैन, मुजतवा, 2010: समाजशास्त्रीय विचार, नई दिल्ली: ऑरियंट ब्लॉकस्टीन
3. दोषी, एस. एल., 2007, आधुनिक समाजशास्त्रीय विचार, जयपुर: रावत पब्लिकेशन्स
4. मुकर्जी, सचीनदास, 2003, सामाजिक विचारांतर, दिल्ली: विवेक प्रकाशन

Paper II: Introducing Sub Sociologies

Max Marks: 100

Unit I: Sociology of Urban Society
- Concepts: City and its Types, Urbanization, Urbanism, Migration
- Urban Sociology: Nature, Subject Matter, Significance
- Issues: Slums, Health and Sanitation

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
Unit II: Sociology of Development
- Concepts: Development & its Forms, Sustainable Development, Modernization
- Sociology of Development: Nature, Subject Matter, Significance
- Issues: Displacement-Rehabilitation, Development Inequalities: Education, Gender

Unit III: Sociology of Globalization
- Concepts: Globalization, Glocalization, Globalism
- Issues: Marginalization: Digital Divide, Economic Divide, Identity Crisis

Essential Readings: (in English)

Essential Readings: (in Hindi)
1. रिड, शिव बहाल, 2010: विकास का समाजशास्त्र, जयपुर: रावत पब्लिकेशन्स।
2. भार्गव नरेश, 2014 : वैश्वीकरण : समाजशास्त्रीय परिप्रेक्ष्य, रावत पब्लिकेशन्स।
3. YMSOE-004, 2018, नागरिक समाजशास्त्र, गलीबाबा पब्लिकेशन हाउस प्राइवेट लिमिटेड।

Dy. Registrar (Academics-I)
University of Rajasthan
Jaipur
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>4</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>4</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>
</tbody>
</table>

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

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

Vocation Oriented Practical*

(in the form of training, internship, demonstration. One practical to be selected by the institution based on the available infrastructure and facilities)

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

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

Dy. Registrar (Academia-I)
University of Rajasthan
Jaipur
B.A. PART-III

MOTHER AND CHILD CARE (THEORY PAPER V)

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

Learning Outcomes:-
The subject will give a basic understanding of menstruation and it's related issues. It will enable the student to understand the physiology of pregnancy and lactation; and the problems and it's management. They will learn about care of newborns and their management of the common ailments.

After studying this subject, they will be able to understand the reproductive cycle and its various related issues. It will facilitate them to understand and utilise the support given to women in reproductive cycle through various health schemes.

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.

<table>
<thead>
<tr>
<th>Contents</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit - I</td>
<td></td>
</tr>
</tbody>
</table>

**Health of the Mother**

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

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

3. Health & nutritional care during Pregnancy & lactation:
   - Antenatal Care:
     i. Registration of Pregnancy
     ii. Sign & Symptoms of Pregnancy
     iii. Use of Pregnancy Kits
     iv. Common ailments during pregnancy & their

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
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

<table>
<thead>
<tr>
<th>4. Use of Mother &amp; Child protection card</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td>5. Mother and Child Health Nutrition Programme</td>
<td></td>
</tr>
<tr>
<td>• Janani Shishu Suraksha Yojana</td>
<td></td>
</tr>
<tr>
<td>• Reproductive and Child Health</td>
<td></td>
</tr>
<tr>
<td>6. Family Planning</td>
<td>6</td>
</tr>
<tr>
<td>• Advantages &amp; importance</td>
<td></td>
</tr>
<tr>
<td>• Methods of family planning</td>
<td></td>
</tr>
<tr>
<td>7. Abortion-causes &amp; care of mother</td>
<td></td>
</tr>
<tr>
<td>8. New born:</td>
<td>20</td>
</tr>
<tr>
<td>• Nutritional care of New Born(referring to Integrated Management of Neonatal Childhood illness).</td>
<td></td>
</tr>
<tr>
<td>• Identification of Danger Sign and when to refer</td>
<td></td>
</tr>
<tr>
<td>• Common ailments of newborns and their management- diarrhea, constipation, flatulence, vomiting, colic, malnutrition, napkin rash, umbilical infection, acute respiratory infections</td>
<td></td>
</tr>
</tbody>
</table>

### Unit III

| 9. Immunization & growth monitoring of infant and young child | 4 |
| 10. Nutritional care of infant & young child (referring to Infant and Young child nutrition guidelines) | 12 |
| • Infancy | |
| i. Importance of breastfeeding, early intiation, colostrums | |

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
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

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:** 1 practical/week (2 hours/ practical)  
**Total teaching workload:** 24 practical/ batch

**Learning Outcomes:**

The practical will teach students about basic menstruation hygiene and use of pregnancy kits. They will be aware about the care and management of pregnant and lactating mothers; and significance of Mother and Child protection card. At the end of the course, they will have basic knowledge about administering first aid in emergency situations. Students will be able to manage home nursing of patients with simple illnesses.

**Objectives:**

1. To make the students aware and understand about use of pregnancy kits.
2. To teach them about preparation of home based, appropriate complementary foods and premixes.

[Signature]
Dy. Registrar (Academic-I)  
University of Rajasthan  
Jaiplur
3. To teach about home based management of common ailments of newborns.

4. To teach students about basic first aid and home nursing.

<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>1</td>
</tr>
<tr>
<td>• Menstrual Hygiene</td>
<td></td>
</tr>
<tr>
<td>• Hygienic use &amp; disposal of Sanitary pads</td>
<td>1</td>
</tr>
<tr>
<td>2. Breastfeeding – Techniques &amp; Posture</td>
<td></td>
</tr>
<tr>
<td>3. Preparation of Complementary foods</td>
<td></td>
</tr>
<tr>
<td>• Premixes</td>
<td>6</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>5</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></td>
</tr>
<tr>
<td>• Antenatal care</td>
<td></td>
</tr>
<tr>
<td>• Danger signs of pregnancy</td>
<td></td>
</tr>
<tr>
<td>• Diet during pregnancy</td>
<td></td>
</tr>
<tr>
<td>• Planning of low cost nutritious recipe for pregnant mother</td>
<td></td>
</tr>
<tr>
<td>• Internal care</td>
<td></td>
</tr>
<tr>
<td>• Post antenatal care</td>
<td></td>
</tr>
<tr>
<td>• Checkups planning of low cost nutrition’s recipes for lactating mother</td>
<td></td>
</tr>
<tr>
<td>• Danger signs of new born</td>
<td></td>
</tr>
<tr>
<td>• New born care</td>
<td></td>
</tr>
<tr>
<td>• Immunization</td>
<td></td>
</tr>
<tr>
<td>• Growth monitoring – Demonstration of weighting &amp; measurement of child</td>
<td></td>
</tr>
<tr>
<td>• Guidelines for child care</td>
<td></td>
</tr>
<tr>
<td>5. Management of Diarrhea</td>
<td>2</td>
</tr>
<tr>
<td>• Skin pinch test for identifying dehydration</td>
<td></td>
</tr>
<tr>
<td>• Feeding schedule</td>
<td>2</td>
</tr>
<tr>
<td>• Preparation of oral rehydration solution</td>
<td></td>
</tr>
<tr>
<td>6. Management of fever</td>
<td>4</td>
</tr>
<tr>
<td>• Use of thermometer</td>
<td></td>
</tr>
<tr>
<td>• When to refer</td>
<td></td>
</tr>
<tr>
<td>• How to bring down fever (home based care)</td>
<td></td>
</tr>
</tbody>
</table>
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

Examination scheme

**Major problem** – 15 marks
Planning and preparation of low cost recipe for any one
- Pregnant/ Lactating mother
- Supplementary foods/ premixes

**Minor Problem** – 10 marks
Use of pregnancy kit
Management of diarrhea, care of infectious disease, use of Mother & child card,

Viva voce 5 marks

**Internal** -20 marks

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

Maximum Marks: 50
Minimum marks: 18
Teaching workload: 4 hrs/week
Total teaching workload: 96

Learning Outcomes –

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
The students will learn about followings:-
- Concept of education and its types, principle and objectives
- Role of development initiatives of government of India in the progress of country
- Concepts of communication, teaching methods and types
- International, National and local support structure contributing to the development of country.

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>2</td>
</tr>
<tr>
<td>5. Extension teaching methods- Personal, Group and mass approach</td>
<td>10</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>10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>UNIT-II</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>7. Communication</td>
<td></td>
</tr>
<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>
<tr>
<td>8. Audio visual aids</td>
<td></td>
</tr>
<tr>
<td>• Meaning and use of audio visual aids</td>
<td>2</td>
</tr>
<tr>
<td>• Cone of experience</td>
<td>1</td>
</tr>
<tr>
<td>9. Classification of audio visual aids- Projected and non projected (visual, audio and audio visual aids)</td>
<td>10</td>
</tr>
<tr>
<td>10. Media</td>
<td></td>
</tr>
<tr>
<td>• Basic concepts of traditional and modern methods of communication</td>
<td>6</td>
</tr>
<tr>
<td>• Relative advantages and limitations of traditional and modern methods of communication</td>
<td>4</td>
</tr>
</tbody>
</table>

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
### UNIT III

11. 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

<table>
<thead>
<tr>
<th>References</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>5. हरपालनी बी.डी. 1998 : गृह विज्ञान में प्रसार शिक्षा, स्टार पब्लिकेशन, आगर</td>
<td></td>
</tr>
<tr>
<td>6. शौ, सुगीता पुष्प और शौ जामस कीला 2011 : प्रसार शिक्षा, शौ विनोद पुस्तक मंदिर, आगर-2</td>
<td></td>
</tr>
</tbody>
</table>

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

*(Based on the institution’s choice)*

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

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

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

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

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

**FAMILY EVENT MANAGEMENT**

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

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
## Learning Outcomes
1. Students will be able to plan any event in the family.
2. Students will learn various aspects of event management.

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

## Contents

<table>
<thead>
<tr>
<th>Step of Event Management</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Making a paper plan</td>
<td></td>
</tr>
<tr>
<td>- Guest List</td>
<td>1</td>
</tr>
<tr>
<td>- Making / Drafting / Finalizing/Invitation Card</td>
<td>1</td>
</tr>
<tr>
<td>- Infrastructure</td>
<td></td>
</tr>
<tr>
<td>i. Tents</td>
<td></td>
</tr>
<tr>
<td>ii. Furniture and Furnishing for areas:</td>
<td></td>
</tr>
<tr>
<td>o Reception,</td>
<td></td>
</tr>
<tr>
<td>o DJs / Music,</td>
<td></td>
</tr>
<tr>
<td>o Games,</td>
<td></td>
</tr>
<tr>
<td>o Food serving (Based on numbers of persons and types of events)</td>
<td></td>
</tr>
<tr>
<td>i. Decoration (Theme etc.)</td>
<td></td>
</tr>
<tr>
<td>ii. Planning of games</td>
<td></td>
</tr>
<tr>
<td>iii. Transportation &amp; communication</td>
<td></td>
</tr>
<tr>
<td>iv. DJ’s / Music</td>
<td></td>
</tr>
<tr>
<td>v. Planning and Management of food</td>
<td></td>
</tr>
<tr>
<td>o Welcome drink</td>
<td></td>
</tr>
<tr>
<td>o Welcome Snacks</td>
<td></td>
</tr>
<tr>
<td>o Main Course</td>
<td></td>
</tr>
<tr>
<td>o Deserts</td>
<td></td>
</tr>
<tr>
<td>o Mouth Fresheners</td>
<td></td>
</tr>
<tr>
<td>vi. Return Gifts</td>
<td>3</td>
</tr>
<tr>
<td>2. Budget under different heads (Market survey can be done)</td>
<td>2</td>
</tr>
<tr>
<td>- Food</td>
<td>3</td>
</tr>
<tr>
<td>- Decoration</td>
<td>1</td>
</tr>
<tr>
<td>- Invitation</td>
<td>1</td>
</tr>
<tr>
<td>- Gifts</td>
<td>1</td>
</tr>
<tr>
<td>- Transportation and communication</td>
<td>1</td>
</tr>
<tr>
<td>- Games</td>
<td>2</td>
</tr>
<tr>
<td>- Infrastructure tents, furniture, furnishing, etc.</td>
<td>1</td>
</tr>
<tr>
<td>- DJ’s / Music</td>
<td></td>
</tr>
<tr>
<td>- Time schedule for major activities</td>
<td></td>
</tr>
<tr>
<td>- Implementation of various activities</td>
<td></td>
</tr>
</tbody>
</table>

---

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
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.

Examination scheme

1. Major – 20 marks.
   Making a party plan for any specific party.
   Planning budget for the party in the specific amount
3. Internal – 20 marks

NUTRITION EDUCATION ACTIVITIES

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

Learning Outcomes
The students shall learn about the process of nutrition education and its significance for community.
They shall be able to make a plan to impart nutrition education with the help of various kinds of teaching aids. The course will provide them basic skills for undertaking a nutrition education program in a community.

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

Contents

Activities:
(A) Classroom/Lab activities:
1. Introduction to Nutrition Education: Definition, importance related topics, approaches (Individual, group mass), methods, and Teaching aids.

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur

2
2. Identification and finalization of nearby village/community/women’s group/ Auganwari center/college premises for Nutrition Education.

3. Divide the students in different groups – 5 students in each group. Assign one topic to each group.

4. Every group will prepare a Nutrition Education program plan based on the topic given.

5. Guidelines for Preparation of teaching aids. – Posters, Charts, Flash Cards, Demonstrations, Street Play, Puppetry.
   - Every group will prepare a minimum of 3 teaching aids.
     (Posters / chart / demonstration / flash cards / role play etc.)

6. Prepare an activity calendar: venue, time, place, number of participants and implementation of each education programme.


(B) Implementation and evaluation of education program

The students will implement every activity as per the activity calendar.
(Division of classes will be based on number of groups formulated)

(C) File work

- Discuss the various programs implemented.
- 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.

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
• Preparation of iron rich food for an adolescent girl.
• Promotion of consumption of iodized salt.
• Immunization of safe water and house – hold methods of water purification.
• Hand – washing promotion.

Examination scheme:

1. **Major problem:** 20 marks
   Plan any nutrition education activity for community on any one of the given topics.

2. **Minor problem** 10 marks
   Preparation of any one teaching aid.

3. **Internal:** 20 marks

<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><strong>Teaching workload:</strong> 2 practical/ week (2 hours/ practical)</td>
</tr>
<tr>
<td><strong>Total teaching workload:</strong> 24 practical/ batch</td>
</tr>
</tbody>
</table>

**Learning Outcome**
The students will learn skills for food preservation techniques. It will also teach them how to set up their own unit along with financial aspects. The course will enable the students to undertake food preservation as an enterprise.

**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>1</td>
</tr>
<tr>
<td>• Dried fruits and vegetables</td>
<td>2</td>
</tr>
<tr>
<td>i. Sun drying (Curry leaves, mint, methi, coriander, cauliflower, amla, kair-sangri, guar-fali, amchur, onion, peas, kachri, red chillis)</td>
<td>2</td>
</tr>
<tr>
<td>• Papad &amp; Magodi</td>
<td>2</td>
</tr>
<tr>
<td>• Juices</td>
<td>3</td>
</tr>
<tr>
<td>i. Aloe Vera</td>
<td></td>
</tr>
<tr>
<td>ii. Squashes</td>
<td></td>
</tr>
<tr>
<td>iii. Lemon</td>
<td></td>
</tr>
<tr>
<td>iv. Orange</td>
<td></td>
</tr>
<tr>
<td>v. Pineapple</td>
<td></td>
</tr>
</tbody>
</table>

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
• 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

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
Examination scheme:

1. **Major problem:** 20 marks
   Planning and preparation of any one preserved food.

2. **Minor problems:** 10 marks
   Calculation of selling price of a given product.

3. **Internal:** 20 marks

**KNOWLEDGE AND SKILLS BASED TRAINING FOR CHILDHOOD EDUCATORS**

**Maximum marks:** 50

**Minimum marks:** 18

**Teaching workload:** 2 practical/ week (2 hours/ practical)

**Total teaching workload:** 24 practical/ batch

**Learning Outcomes**

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.

**Content**

**Pre-Requisites:**

- Identifying nearby crèches, preschool and day care centres.
- Preparation of activity calendar.
- 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.
- Participation with children in crèches, preschool and day care centres

<table>
<thead>
<tr>
<th>Content</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-Requisites:</td>
<td>(12 weeks)</td>
</tr>
</tbody>
</table>

**Dy. Registrar (Academic-I)**

University of Rajasthan

Jaipur
Course Content:

- **Teaching strategies** for early childhood care and education
- **Characteristics** and qualifications of an early childhood educator.
- **Developing** communication skills in dealing with young children.
- **Working** in crèches, preschool and day care centres to develop administrative, managerial and supervisory skills in students.
- **Administration**, management and supervision of crèches, preschool and day care centres.
- **Planning** and implementing developmentally appropriate activities in crèches, preschool and day care centres.

Examination scheme:

1. **Major Problem : 20 marks**
   Planning and preparation of ECE activities in preschools and day care centres. Evaluation of crèches, preschool and day care centres.

2. **Minor Problem : 10 marks**
   Preparation of teaching aids – story books, songs poems, models, toys, aids etc.

3. **Internal : 20 marks**

<table>
<thead>
<tr>
<th>DYEING AND PRINTING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum marks: 50</td>
</tr>
<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>

After doing the course the students will be able to be self employed as they will master the art of dyeing and printing. Rajasthan is a fertile place where enough infrastructure is available in this area so any related vocation can be started or else they can join as an expert in the area of dyeing and printing.

**Contents**

<table>
<thead>
<tr>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
</tr>
<tr>
<td>8</td>
</tr>
</tbody>
</table>

1. **Different types of motifs**
   - 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)
     - Marbling

Dy. Registrar (Acad.)
University of Rajasthan
Jaipur
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  

- Screen printing (Samples)  

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

Examination scheme:  

1. Major Problem - 20 Marks  
   Make a design for a product by combining any two techniques e.g. tie and dye, block and screen.  
2. Minor - 10 Marks  
   Make a sample of tie and dye using two colors and two techniques  
3. Internal Marks - 20 Marks  

EXTENSION ACTIVITY MANAGEMENT  

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

Learning Outcome  

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.  

Dy. Registrar (Academic-I)  
University of Rajasthan  
Jaipur
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

Examination scheme

Major problem – 15 marks
Planning and preparation of low cost recipe for any one
   • Pregnant/ Lactating mother
   • Supplementary foods/ premixes

Minor Problem – 10 marks
Use of pregnancy kit
Management of diarrhea, care of infectious disease, use of Mother & child card.

Viva voce 5 marks

Internal -20 marks

EXTENSION EDUCATION AND COMMUNICATION (THEORY PAPER VI)

Maximum Marks: 50
Minimum marks: 18
Teaching workload: 4 hrs/week
Total teaching workload: 96

Learning Outcomes –

Dy. Registrar (Academic-1)
University of Rajasthan
Jaipur
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><strong>Total Marks:</strong> 50 marks</td>
</tr>
<tr>
<td><strong>Major Problem:</strong> 15 Marks</td>
</tr>
<tr>
<td>Plan strategy to publicise the chosen extension activity and prepare any one aid out of them.</td>
</tr>
<tr>
<td><strong>Minor Problem:</strong> 10 Marks</td>
</tr>
<tr>
<td>Prepare financial budget for the planned activity or prepare scheduling of activities according to allotted time.</td>
</tr>
<tr>
<td><strong>Viva:</strong> 5 Marks</td>
</tr>
<tr>
<td><strong>Internal:</strong> 20 Marks</td>
</tr>
</tbody>
</table>

---

Dy. Registrar (Academic-I)  
University of Rajasthan  
Jaipur  

[Signature]
### SCHEME: BA/B.Com PART-III

<table>
<thead>
<tr>
<th></th>
<th>Duration</th>
<th>Max mark</th>
<th>Min mark</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Theory:</td>
<td></td>
<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>2. Practical:</td>
<td></td>
<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>3. Submission:</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>

**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

---

 Dy. Registrar (Academic-I)  
University of Rajasthan  
Jaipur
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:
15. GARMENT PRODUCTION & EXPORT MANAGEMENT

B.A. Part III – 2020

PAPER – 1: APPAREL TECHNOLOGY

B.A./B.Com. – M.M 40  B.Sc.- M.M. 50  Hrs. – 3

OBJECTIVES:
1. To create awareness on the basics of Fashion
2. To study the psychological effects of clothing on the individual in social situation.
3. To develop understanding of manufacturing technology of the garment Industry.
4. To understand the fundamental concepts of dyeing and printing.

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 machines-
   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) fasteners; loops
   (vi) seam binding and tapes
   (vii) shoulder pads, eyelets

Dy. Registrar (Academic-I)  
University of Rajasthan  
Jaipur

[Signature]
SECTION –C: DYEING AND PRINTING

Application of design:
7. i. Printing methods – block, screen, stencil, roller.
    ii. Styles of printing – direct, discharge and resist.
8. Dyeing – introduction to natural and synthetic dyes
    (acid, basic, sulphur, vat, reactive and direct dyes)

References:
   Blackwell science.
   publication Jaipur 2019.

PAPER- II: INTERNATIONAL MARKETING

B.A./ B.Com.- M.M. 40  B.Sc. – M.M. 50  Hrs. -3

OBJECTIVES:
1. To study the importance of marketing to the global economy
2. To develop insight into the development of marketing strategies for international markets
3. To Identify business opportunities in an international business environment

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.

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur

Signature: [Signature]
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 meaning and its role.

References:


3. M. J. Methew International Marketing (Procedures and practices) 1st ed. RBSA publishers, Jaipur

PRACTICAL – 1 : APPAREL PRODUCTION

B.A/B.Com.-M.M.60 B.Sc.-M.M. 25

OBJECTIVES:

1. To develop basic adult drafts of bodice, sleeve and collar.

2. To develop various patterns of textile techniques

3. Guidance for preparation of portfolio

CONTENT

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:

5. Types of patterns include –

   I. Structural
   II. Geometrical
   III. Stripes and plaids
   IV. Floral

6. Design and prepare an adult dress for fashion shows.

Examination Scheme:

B.A./B.Com. -Max Marks:-60
1.Major Problems :-30
2.Minor Problems:-20
Internal :-10

B.Sc.-Max Marks:-25
1.Major Problems :-10
2.Minor Problems:-10
Internal :-5

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
PRACTICAL – II: DYEING AND PRINTING

OBJECTIVES:
1. To learn the various types of skills in dyeing
2. To develop various textile printing techniques
3. Guidance of practical knowledge of export houses

Contents
1. Prepare and article of each: Tie and dye, stencil printing, block printing and batik
2. Field trips to Export houses and mass production centers.
3. Exhibition;

References:
2. Ireland, fashion designing drawing and presentation.
4. Shenai: Technology of dyeing

Examination Scheme:
B.A/B.COM:-Max Marks:-60
1. Major Problems :-30
2. Minor Problems:-20
Internal :-10

B.Sc:-Max Marks:-25
1. Major Problems :-10
2. Minor Problems:-10
Internal :-5

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
INVESTIGATIVE BIO-TECHNOLOGY

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

Paper—II Field Work and Practical Experience
Practical 120 Marks Min. Pass Marks 42
8 Hrs. Duration in two days.

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

PARASITOLOGY:

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

**Section - B**

**ELEMENTARY TOXICOLOGY**:

1. Introduction to Toxicology (history)
2. Classification of Poisons.
3. Fatal dose and fatal period of Chemical poisons.
4. Detection of Metallic Poisons.
5. Detection of Toxic anions.
7. Detection of Insecticides (Organo Phosphorus, Organo Chloro and Carbomates).
8. Detection of Plant Poisons (Alkaloidal and Clycosital)
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.
Paper—I: Field Work and Practical Experience

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

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

8 Hrs. Duration in two days.

The students will be required to work for 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 examiner.

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

Unit - I: Microbiology
1. Skin scripting and their digestion for demonstration.
2. Fungi and preparation of wet mounts of exuaxes 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 trophozoites 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 biliubin 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. Rosawaller Test and Rehumatoid Factor (R.F.)
5. C.R.P. (C. reactive Proteins)

**Unit-VI: Hematology**

1. Revision of a staining of blood film and bone marrow smears.
2. Blooding time, clotting time, Platelet count.
3. Prothrombin Time (P.T.)
MATHMATICS
B.A. Part III – 2020

Teaching: 3 Hours per Week per Theory Paper.

Examination Scheme:

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

<table>
<thead>
<tr>
<th>Duration</th>
<th>Max. Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper – I Algebra 3 hrs. 40 (Science) 53 (Arts)</td>
<td></td>
</tr>
<tr>
<td>Paper – II Complex Analysis 3 hrs. 40 (Science) 53 (Arts)</td>
<td></td>
</tr>
<tr>
<td>Paper – III Mechanics 3 hrs. 40 (Science) 54 (Arts)</td>
<td></td>
</tr>
<tr>
<td>Practical 2 hrs. 30 (Science) 40 (Arts)</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 the University and internal examiner will be appointed by the Department of Mathematics to conduct the examination with Local Head/Head, Department of Mathematics.

3. An Internal/external examiner can conduct Practical examination.

4. Each candidate has to pass in Theory and Practical examination separately.

Paper - I: Algebra

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.

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
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: Morpism of groups, Cayley's theorem. Normal subgroups and Quotient groups. Fundamental theorems of Isomorphism.


Reference Books:

Paper II: Complex Analysis

Teaching: 3 Hours per Week
Duration of Examination: 3 Hours
Max. Marks: 40 (Science)

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.

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur


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

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
Reference Books:


Practical
Teaching: 2 hours per week per batch not more than 20 students.

Examination:

<table>
<thead>
<tr>
<th>Scheme</th>
<th>Science</th>
<th>Arts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max.Marks</td>
<td>30</td>
<td>40</td>
</tr>
<tr>
<td>Min.Pass Marks</td>
<td>11</td>
<td>15</td>
</tr>
</tbody>
</table>

Distribution of Marks:

Two Practicals one from each group

- 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 practicals. The candidates are required to attempt both practicals.

Practicals with Computer Programming in C Language.

Group A:


2. Solution of Initial value problems by Euler’s method and Runge-Kutta (third and fourth order) method.

Group B:

1. Matrix operations: addition, subtraction, multiplication, Rank of a matrix, inverse of a matrix.


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.

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
18 Economics
B.A. Part III – 2020

Scheme: Min. Pass Marks Max. Marks
Arts 72 200
Science 54 150
Paper-I 3 hours duration Arts 100
Science 75
Paper- II 3 hours duration Arts 100
Science 75

Note:
1. There shall be two papers in each class. Each paper shall have 3 questions from every unit. In Addition to these nine questions (3 questions for each unit) there shall be one multiple choice/objective type/short answer question in each of the two papers. This question shall be compulsory.
2. The student shall be required to attempt five questions in all in each paper selecting at least one question from each unit and one compulsory multiple choice/objective type/short answer question.
3. The multiple choice/objective type/short answer questions shall consist of 20 questions in B.A. Examination and 15 questions in B. Sc. Examination of one mark each.

ECNOMICS
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) question. The candidate is required to answer each question in 20 words. Part –B shall contain question No 2 consisting of V (five) questions. The candidate is required to answer each question in 100 words. Part C shall contain three essay type questions (one from each section) with internal choice. A candidate will be required to attempt five questions in all. All questions of part A and part B are compulsory while rest 3 questions are to be attempted from parts C selecting one question from each section. All question carry equal marks.

Paper 1: Introduction To International Trade, Development And Public Economics
Section – A
Features of International Trade, Gains from Trade. Trade Theories: Adam Smith, Recardo, Harberler, Mill and H O Theory (Elementary treatment). Free Trade and Protection, foreign

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
Exchange Market and Exchange Rate. Balance of Trade And Finance of payment: Definition And Structure, International Monetary Fund, WTO scope and Impact.

Section –B

Section – C

Books Recommended:

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

Section – A


Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur

Section –B


Section-C


Note: Use of Non-programmable Calculator is permitted

Books Recommended:

2. RGD Allen. Mathematical Economics, McMillan

Paper- II (b): Environmental Economics

Section –A


Dy. Registrar (Academic-I)  
University of Rajasthan  
Jaipur
Section-B
Development and Environment: The Environment Kuznets Curve; Trade and Environment; Environmental Problems; Trans-boundary Environmental Problems: Global Warming and Climate Change; Methods of Environment Valuation: Hedonic Pricing, Contingent Valuation Method and Travel Cost Method.

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

Recommended Books:

Paper-II (C): Economy of Rajasthan

Section-A

Section-B
Infrastructure in the State (Irrigation, Power, Road), Industrial Development of the State (Agricultural and Mineral Based Industries, Small Scale and Cottage Industries, Export Based Units, Rajasthan Handicrafts). Growth Centresand Development of Industrial areas.

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
Section-C


Books Recommended:

1. Economic Review, Directorate of Economics And Statistics, Department of Planning, Rajasthan Jaipur. (Hindi & English.)
3. लक्ष्मीनारायण नामूनाम का राजस्थान की अर्थव्यवस्था, स्मेश बुक डिपो, जयपुर।
<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></td>
<td></td>
<td>Science 50</td>
</tr>
<tr>
<td>Paper II</td>
<td>Geography of India</td>
<td>Arts 75</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Science 50</td>
</tr>
<tr>
<td>Practical</td>
<td>18</td>
<td>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 10 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.
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


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 Krishna, R. 2001: Geography of India, Jawahar Publishers & Distributions, New Delhi, 2nd Edition

Khullar, D.R. 2006. India a comprehensive Geography; Kajani Publishers, New Delhi

भारत के विभाजित जीवनकाल आमंत्रण, परंपरा: दिल्ली, 1998.


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


Practicals

Scheme of Examination

Min. Pass Marks: 18

Written test
Field survey and viva voce
Bifurcation of Marks

<table>
<thead>
<tr>
<th>Min. Pass Marks</th>
<th>Max. Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
<td>10</td>
</tr>
</tbody>
</table>

Time

<table>
<thead>
<tr>
<th>Written test</th>
<th>2 hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field survey</td>
<td>10+04</td>
</tr>
<tr>
<td>Viva voce</td>
<td>08+04</td>
</tr>
</tbody>
</table>

Rej. Jas

By, Registrar
(Academic)
University of Rajasthan
JIPUR
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 questions 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:

विक्रम, पी.आर. 2009: प्राथमिक ज्ञान, गोरखपुर।
Singh, L.R. 2006: Practical Geography, Prayag Pustak Publisher, Allahabad U.P.

शास्त्री, देश की 2010-11, प्रशिक्षण संशोधन \ की कल्पना। रिजिस्ट्रेशन, जैफूक।
## 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>
</tr>
<tr>
<td>Paper I</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><strong>Total</strong></td>
<td>150</td>
</tr>
</tbody>
</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.

---

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

Paper - I
(Sample Surveys)
(Also common with Subject- Applied Statistics)

Unit-I

Concepts of population and sample, need for sampling, census & Sample surveys. Advantages of sample survey over complete enumerations, Principle steps in a sample survey, Principles of sample survey, Sampling and non-sampling errors.

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:


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 uses, functions, modules, loops, conditional statements, exceptions, debugging and related concepts.

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

ADDITIONAL REFERENCES:

Dy. Registrar (Acad.)
University of Rajasthan
JAIPOUR
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.
## SYLLABUS FOR B.Sc./B.A. Pt-III –

**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>
</tr>
</tbody>
</table>

**Total** | 150 | 200 |

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

---

Dy. Registrar Acad.
University of Rajasthan
JAIPUR
Subject: 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)
## Syllabus: B.A. Part-III

### Psychology

**B.A. Part III – 2020**

### 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>
</tr>
</tbody>
</table>

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

**NOTE:**

1. There will be three papers in Psychology. Each paper will be of 3 hours. There will be a common paper for Arts and Science. In I and II Papers there will be 3 Sections A, B and C and will cover 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>Section</th>
<th>No. of Questions</th>
<th>Marks</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>10</td>
<td>1.5</td>
<td>15</td>
</tr>
<tr>
<td>B</td>
<td>5 (out of 7)</td>
<td>0.3</td>
<td>15</td>
</tr>
<tr>
<td>C</td>
<td>3 (with Internal Choice)</td>
<td>1.5</td>
<td>45</td>
</tr>
<tr>
<td></td>
<td>Total marks</td>
<td></td>
<td>75</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Section</th>
<th>No. of Questions</th>
<th>Marks</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>10</td>
<td>0.1</td>
<td>10</td>
</tr>
<tr>
<td>B</td>
<td>5 (Out of 7)</td>
<td>0.2</td>
<td>10</td>
</tr>
<tr>
<td>C</td>
<td>3 (with internal choice)</td>
<td>1.0</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>Total Marks</td>
<td></td>
<td>50</td>
</tr>
</tbody>
</table>

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
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 Eudaemonic Viewpoint; Positive and Negative Affect; Theoretical Viewpoints; Determinants and Sources; Authentic Happiness; Enhancement of Happiness and Wellbeing.


**Section B**

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

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


**Section C**

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

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


**Books Recommended:**


**Paper II - Psychological Testing and Assessment**

**Section-A**


2. Psychological Test: Nature, Functions and Uses of Psychological Test, Problem of test

---

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
Administration, History of Psychological Testing, Characteristics of good Psychological test

3. Psychological Test Development:-Conceptualization, Test Construction, Item analysis.

Section-B

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

Section-C

7. Types of Psychological Tests: Group and Individual, Verbal, Non-verbal and Performance Test, Self-Report Inventories, Projective Techniques, Ethical Consideration in Assessment
9. Assessment of Personality- Big Five, 16 PF, MMPI, TAT and Rorschach. Test. Assessment of Intelligence- Binet, WAIS, SPM.

Books Recommended:

- अरुण कुमार सिंह (2002) : मनोविज्ञान में नापन एवं मूल्यांकन, नई दिल्ली मोतीलाल बनारसीदास.

Practical

1. Measurement of Subjective Wellbeing
2. Measurement of Forgiveness
3. Measurement of Emotional Intelligence
4. Measurement of Hope
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
University of Rajasthan

23. राजस्थानी

इसमें दो प्रस्त-पत्र होंगे:

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

परीक्षा योजना

<table>
<thead>
<tr>
<th>न्यूतम उतीर्णक 72</th>
<th>पूर्णक 200</th>
</tr>
</thead>
<tbody>
<tr>
<td>प्रथम प्रस्त-पत्र समय 3 घंटे</td>
<td>अंक 100</td>
</tr>
<tr>
<td>द्वितीय प्रस्त-पत्र समय 3 घंटे</td>
<td>अंक 100</td>
</tr>
</tbody>
</table>

प्रथम पत्र : प्राचीन राजस्थानी साहित्य एवं निबंध :

(क) एक प्रस्तर्थायण से संबंधित (कुल दो वाक्यार्थ) 2 × 16 = 32
(ख) दो प्रस्त-पत्राने पुस्तक पर एक-एक आलोचनात्मक प्रस्त 2 × 20 = 40
(ग) एक प्रस्तर्थ निबंध
1 × 28 = 28

निबंध अविश्वसनीय : राजस्थानी भाषा में लिखना होगा।

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

पादय पुस्तकें:

1. राजस्थानी साहित्य संग्रह, भाग प्रथम, सम्पादक-नारायण दास चौधरी, राजस्थान
   प्रवचन विभाग, जोधपुर।
   (इस संग्रह में संकलित लेख गंगेश नीचाबन जी दोहरी को छोड़कर शेष अंक
   यथाक्रम रहेगी)
2. दोहरा प्राचीन राजस्थानी पुस्तक, रामसिंह परारक, नागरी प्रचारणी समाधिः,
   वाराणसी।
   (इसमें से आधार के 100 विभाग भाग में रहेगी)

सहाय्य प्रश्न:

1. प्राचीन काव्य की रूप परम्परा, अगरवंच नायक, भारतीय विद्यांतिय भोष्प्रतिष्ठ, जीतकर।
2. दोहरा माक देहर—डॉ. शंभूरथ मनोहर। स्लूट्स तुक कम्पनी, चौड़ा रासा, बंगाल।

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

परीक्षा योजना

<table>
<thead>
<tr>
<th>न्यूतम उतीर्णक 72</th>
<th>पूर्णक 200</th>
</tr>
</thead>
<tbody>
<tr>
<td>प्रथम प्रस्त-पत्र समय 3 घंटे</td>
<td>अंक 100</td>
</tr>
<tr>
<td>द्वितीय प्रस्त-पत्र समय 3 घंटे</td>
<td>अंक 100</td>
</tr>
</tbody>
</table>

इसमें पाँच प्रस्त-पत्र होंगे। 2 प्रस्तर्थायण प्रस्तर्थ में तथा 3 प्रस्तर्थायण प्रस्तर्थ के इतिहास से संबंधित होंगे। प्रथम प्रस्त 20 अंक का होगा।

\[ S × 20 = 100 \]

Dy. Registrar (Acad.)
University of Rajasthan
(क) राजस्थानी भाषा से संबंधित राजस्थानी भाषा का उद्देश्य और विकास राजस्थानी की विशेषताएं-राजस्थानी की विशिष्ट बोलियाँ, उनकी विशेषताएं, उनके क्षेत्र, बिनियमन-पिंगल हिंदी और राजस्थानी।
(ख) राजस्थानी साहित्य के इतिहास से संबंधित-काल विभाजन-आधारित काल, मूलकाल तथा आधुनिक काल, इन कालों की प्रमुख प्रकृतियाँ, काव्य धाराएं, गद्दी विधाँ, प्रमुख रचनाएं और रचनिता। राजस्थानी लोक साहित्य का सामान्य परिचय।

संदर्भ पंजी:
1. पुरानी राजस्थानी-डॉ. दैनीकी, अनुवादक-डॉ. रामवरंदीह, नगरी प्रजापति समा, वाराणसी।
2. राजस्थानी भाषा, डॉ. हुनितकुमार चट्टोपाध्याय, साहित्य संस्थान, उदयपुर।
3. राजस्थान का भाषा संरक्षण, अभ्यास प्रेमसंस्थान अनुवादक डॉ. आतमांक पाण्डेय राजस्थानी भाषा प्रचार समा बनीपार्क, जयपुर।
4. राजस्थानी भाषा और साहित्य—डॉ. बोहिन्दाल मेनारिया, हिंदी साहित्य समस्तन, प्रकाश।
5. राजस्थान का पिंगल साहित्य—डॉ. बोहिन्दाल मेनारिया, हिंदू श्री पुस्तक भवन, उदयपुर।
6. आधुनिक राजस्थानी साहित्य प्रेषण प्रौद्योगिकी और प्रकृतियाँ—डॉ. भिक्षु नाथ, इतिहास प्रकाशन, चौड़ा रास्ता, जयपुर।
7. राजस्थान का लोक साहित्य, नहुराम संस्कृति, स्मारक संस्थान-मोहना (जोधपुर)।

Dy. Registrar (Acad.)
University of Rajasthan
JAIPUR
2.14 SHEEP AND WOOL
(To be offered by the Collegiate student of
Shri B.D. Todi College, Lacchmangarh (Sikar) only)

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

Paper-I: 3 Hrs. Duration 66 Marks
Paper-II: 3 Hrs. Duration 66 Marks
Practical: 4 Hrs. Duration 68 Marks

Syllabus:

Paper—I: Wool Grading and Processing:
Classification of fleece-Bulk classification. Visual appraisal for
apparel and carpet wools. Various types of Wool. Wool quality, length,
fineness, colour, vegetable content yield.

Grading of Wool: Fine, medium, strong, coarse, white, light
yellow, heavy yellow, burru, stained, black. Spinning counts for

Scheme:

<table>
<thead>
<tr>
<th>Paper</th>
<th>Min. Pass Marks</th>
<th>Max. Pass Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper-I</td>
<td>48</td>
<td>128</td>
</tr>
<tr>
<td>Paper-II</td>
<td>66</td>
<td>168</td>
</tr>
</tbody>
</table>

Min. Pass Marks: Practical 36 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
25. LIVESTOCK & DAIRYING

(Pragya Mahavidyalaya, Bijai Nagar and Govt. College, Rajgarh)

Scheme:
Min. Pass Marks: Theory 48
Max. Theory 132 Marks
Paper—I: Livestock Products, By-Products and Their Uses
3 Hrs. Duration 66 Marks
1. Meat Slaughter houses, method of slaughtering, meat 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, bones, intestines—collection, processing and uses.
4. Wool Shearing, grading, processing and uses.
5. Animal wastes—Gobar, blood, urine, their collection, storage, processing and utilization. Composts and manures.
7. Milk by-Products: skin milk, ghee, butter milk and their uses, manufacture of cheese.

Paper—I: Dairy Economics

Scheme:
Min. Pass Marks : Theory 48  Max. Theory 122 Marks
Min. Pass Marks : 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. Production of dairy products, principles of production and applying to milk and milk products, costs of production, law of diminishing returns, least cost combination, opportunity cost principles, enterprise combinations, comparative advantage.

Dy. Registrar (Acad.)
University of Rajasthan
JAIPUR
4. Profit Efficiency measures, measures on a dairy farm—Gross income, net income, return to factor of production as labor income, return to capital, return to management, etc. Efficiency measures for labor, capital, livestock production index. Economics of dairy farm v/s v, mixed farms, Basic idea 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 & institutes. 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 carcasses 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, land banks and their financing institutions.

Dy. Registrar (Acad.)
University of Rajasthan
Jaipur
26. ANTHROPOLOGY

BA Part III 2020

Paper-I
Max Marks-100
Min Marks-36

Paper-II
Max Marks-100
Min Marks-36

Note- Each 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.

Paper-I Society and Culture in India

UNIT-I

UNIT-II

UNIT-III
Special Sections of Indian Society and their Problems: Scheduled Castes, Scheduled Tribes, Women and Minorities. Nature of Indian diversity and problems of National Integration.

List of Books:
Ahuja Ram, 1993, Indian Social System, Jaipur, Rawat Publications.
Sharma K.L. 1997, Social Stratification in India, New-Delhi, Sage Publication.
Srinivas M.N., 1966, Social Change in Modern India, California, Los Angeles,
आहुजा राम, 2000, भारतीय समाज, जयपुर, रावत प्रेस.
योगेन्द्र सिंह, 2006, भारतीय परम्परा का आधुनिकीकरण, रावत प्रेस, जयपुर, अनुवादक: अरविन्द कुमार अग्नि.

Raj<br>
Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
Paper-II Peasant Society and Folk Culture

UNIT-I

UNIT-II
Panchayati Raj: Structure and function of Panchayats, Impact of Panchayati Raj on Rural India. Change and development in rural society.

UNIT-III

List of Books:
Deva Indra, 1989, Folk Culture and Peasant Society in India, jaipur, Rawat Publications.  
Redfield Robert, 1947, Peasant Society and Culture Chicago, University Chicago Press.  
श्रीवास्तव, ए.आर.एन., 1999, भारतीय समाज: समाजशास्त्रीय विषयों, के.के. प्रकाशन।
27. DRAMATICS
BA Part III 2020

Paper-I   Western and Oriental Acting Theories (Theory)

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

I. Study of acting styles in:
   a. Greek Theatre with reference to Sophocles
   b. Elizabethan Theatre with reference to Shakespeare
   c. Renaissance Theatre with reference to Mollier
   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 - Mollier
      2. Miser – Mollier
   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 Sahastra Varsh – Sheldon Chenney (Tr. Sitaram Chaturvedi)
4. An Actor Prepare – Stanislavski (Tr. Vishwanath Mishra)
5. Arastoo Ka Kavyashastra – Dr. Nagendra

Dy. Registrar
University of Rajasthan
Jaipur
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.
e. Study of the process of the Scene Construction.

**B. A. Part – III (Drama) Practical Examination 2019-20**

**Scene Design & Production**

**PRACTICAL PAPER – I**

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

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

**PRACTICAL PAPER- II**

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

Books Recommended:

1. Designing and printing for Theatre, Lynn Pecket.
2. Scenography 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. Brecht on theatre (Selected chapters), Tr. John willet.

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
PHYSICAL EDUCATION

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

Paper-I

Time: 3 Hours

Health Education
Max. Marks 60
Min. Pass M. 22

Unit-I

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

Unit-II

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

Dy. Registrar (Acad.)
(University of Rajasthan)
JAIPUR
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 sportsmen, adverse effects of tobacco, alcohol and intoxicating drugs.

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

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

Books for Reference:
13. अनन्ये बह और अन्न शारीरिक शिक्षा स्वास्थ्य एवं वैज्ञानिक अभ्यास (मी.ए. I) : कलाजी लस्टिकेट सुप्रिया।
14. अनन्ये बह और अन्न: शारीरिक शिक्षा-स्वास्थ्य एवं वैज्ञानिक पाठ्यक्रम (मी.ए. पाठ I व III): कलाजी लस्टिकेट सुप्रिया।
15. पाठ्य पत्र अधिक और उपर दी दी दी: शारीरिक शिक्षा का प्रविधा: शारीरिक रूप से निगमन का समय।
16. पाठ्य पत्र अधिक और दी दी: शारीरिक शिक्षा में निगमन निर्देश शारीरिक रूप से निगमन का समय।
17. पश्चिम राष्ट्रीयक: शारीरिक शिक्षा की निगमन पद्धति: मैट्रिकेशन युग नं., प्र. विद., नई दिल्ली।
18. निगमन निरीक्षण कुंवार: शारीरिक शिक्षा स्वास्थ्य, सर्वेक्षण एवं प्रविधा: श्रीमान पल्लिनीके जन्म।
19. पाठ्य पत्र अधिक और दी: शारीरिक रूप से निगमन, स्वास्थ्य रूप से निगमन, उदाहरण रूप से निगमन, प्रायोजन निगमन का समय।
20. पश्चिम राष्ट्रीयक: शारीरिक शिक्षा के निगमन एवं प्रविधा: प्रथम क्रांति सुप्रिय।
21. हैजाक श्रेष्टों प्रायोजन: शारीरिक शिक्षा का संकलन एवं निगमन: श्रीमान पल्लिनीके जन्म।

Paper-II
Test and Measurement
Time: 3 Hours Max. Marks 60
Unit-I: Introduction
1. Meaning of tests, measurements & Evaluation, Need & Importance of Tests & Measurement in Physical Education.

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

By, Registrar
(Academic)
University of Rajasthan
JAIPUR
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: Apered, JCR Test, Candian Fitness test.

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

Books Recommended:
10. अभ्यास रियर ओर अन्य माध्यमिक रियर स्मार्टिय एंड खेलों की आधुनिक पाठ्यमुक्त (वी.ए. पी) वर्षातील पत्रिकेचे सुधारणा.
11. अभ्यास रियर ओर अन्य माध्यमिक रियर स्मार्टिय एंड खेलों की आधुनिक पाठ्यमुक्त (वी.ए.पी.पी) वर्षातील पत्रिकेचे सुधारणा.
12. मोहम्मद खान और चाकेश ए. के.: शारीरिक शिक्षा का इतिहास ; परीक्षा नतीजे नशीले.
13. मोहम्मद खान और दीर्घ पुर. के.: शारीरिक शिक्षा में शिक्षण विधि ; परीक्षा नतीजे नशीले.
14. मशीन रामकेशवन : शारीरिक शिक्षा की शिक्षण पद्धति ; मैट्रिक्सिटेट कुरू के. प्र. विभा., नई दिल्ली
15. सक्षम जयेंद्र वेदेश्वर : शारीरिक शिक्षा प्रिंटिंग, प्रोटोकॉल एवं इन्टरनेट; श्रीमंत पंडितकेर्ना बनपुर.
16. पवन ए. एल. और रामेश देव विद्या : तारे नस, किंवड़ माल, संसाधन शिक्षा, तंत्रिक शिक्षा, प्रामाणिक प्रशिक्षण और आदेश; श्रीमंत पंडितकेर्ना बनपुर.
17. कामलेश और मान्त्रिक शारीरिक शिक्षा के विधेया उ इतिहास; प्रभाव और अध्ययन के संपर्क.
18. रामेश बरेमेन प्रदाता: शारीरिक शिक्षा का अंतर्भाव एवं विधि; श्रीमंत पंडितकेर्ना बनपुर.

Dy. Registrar (Acad.)
University of Rajasthan
INDIAN HERITAGE IN RURAL HANDICRAFTS
B.A. Part III

Scheme

Max. Marks | Min. Pass Marks
---|---
1. Practical Paper I 5 Hrs. Duration | 70 | 25
2. Practical Paper II 5 Hrs. Duration | 70 | 25
3. Submission | 60 | 22
| 220 | 72

**Syllabus**

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

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

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

**Wood work**

a) Fabrication of toys, sculptures
b) Furniture

 ---

Dy. Registrar (Acad.)
University of Rajasthan
JAIPUR
Submission work: Max. Marks 60 Min. Pass Marks 22

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

B.A. Part-III

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

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

Unit-I

L. 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

[Signature]
Dy. Registrar (Acad.)
University of Rajasthan
JAIPUR
(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) Agents 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.
(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) Mr. Publisher, Moscow, 1981.

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

B. Specialization Record book

IV. Any one has to be opted:

(A) Secondary game
   (a) Secondary game
      (i) Basketball
      (ii) Volleyball
      (iii) Handball
      (iv) Hockey
      (v) Cricket
      (vi) Football
   (b) Track and field (Heptathalon)
      (i) High jump
      (ii) Shot put
      (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.

[Signature]

Dy. Registrar (Acad.)
University of Rajasthan
JAIPUR
**VOCATIONAL SUBJECTS**

**COMPUTER APPLICATIONS**
(Under Graduate Courses)
B.A./B.Com./B.Sc. Part III

<table>
<thead>
<tr>
<th>Paper-I</th>
<th>Computer Aided Drafting</th>
<th>50</th>
<th>65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper-II</td>
<td>Advanced Topics in Computers</td>
<td>50</td>
<td>65</td>
</tr>
<tr>
<td>Paper-III</td>
<td>Report, Report on the Job training and entrepreneurship, Development</td>
<td>50</td>
<td>70</td>
</tr>
<tr>
<td>Practical</td>
<td>Programming Laboratory On-the-job training 4 weeks</td>
<td>50</td>
<td>70</td>
</tr>
<tr>
<td>The duration of these paper will be 3 hours.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Dy. Registrar (Acad.)
University of Rajasthan, JIPUR
Paper-I

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

Paper-II

ADVANCED TOPICS IN COMPUTER
ATMs. Data encryption. Data communication and networking
(Course to be modified every to take care of the latest development).
Visits to computer industry.

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

Practical:
Design of layout of a building. Design of interior of its rooms.
Printing and plotting the prepared drawings.
It will also include Project Report on the job training
and Entrepreneurship development.