UNIVERSITY OF RAJASTHAN
JAIPUR

SYLLABUS

B.A. PART-II

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%  \[ \frac{3}{4} \] \text{ of the aggregate marks obtained at the Part I, II, & III Examination, taken together}
Second Division 48% \[ \frac{1}{2} \text{ III Examination, taken together} \]  

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

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

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<td>Garment Production &amp; Export Management</td>
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<td>Indian Heritage in Rural Handicrafts</td>
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<td>28.</td>
<td>Computer Application</td>
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</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.
1. ENGLISH LITERATURE

B.A. Part-II 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

William Blake : London, Tiger
William Wordsworth : The World is Too Much with Us
S.T. Coleridge : The Solitary Reaper
George Gordon Byron : The Ancient Mariner
P.B. Shelley : There is a Pleasure in the Pathless Woods.
John Keats : Ode to the West Wind
John Keats : To Autumn

Reference Books:-

*Strings of Gold* Part I Ed. Jasbir Jain (Macmillan)
The Golden Treasury by Francis Turner Palgrave (OUP)

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SECTION B

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

Kamala Das:
   a. My Grandmother’s House
   b. The Looking Glass

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

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

Grieve Patel:
   a. On Killing a Tree
   b. Servants

Reference Books :-

Ten Twentieth Century Poets ed. R. Parthasarathy (O.U.P.):
Indian Writing In English by K.R.Srinivasa Iyengar .Sterling Publishers Pvt.Ltd
A History of Indian English Literature by M.K.Naik Sahitya Akademi
The Golden Treasury of Indo-Anglian Poetry, 1828-1965 by Vinayak Krishna Gokak (Editor) Sahitya Akademi

SECTION C

Ibsen: A Doll’s House
Tagore: The Post Office

Reference Books-

Henrik Ibsen: A Doll’s House. Maple Press (1 August 2011)

Paper II: Prose and Fiction

Duration: 3 hrs

Maximum Marks: 100
Min. Pass Marks: 36

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

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

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

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Jaipur
SECTION A
S. Radhakrishnan: The Gandhian Outlook
R.K. Narayan: A Bookish Topic
J.B. Priestley: Making Writing Simple
Virginia Woolf: How Should One Read a Book?
Leo Tolstoy: Three Questions
Pearl S Buck: The Refugees
R.K. Narayan: Under the Banyan Tree
Alice Walker: Am I Blue?

Reference Books:-
An Anthology of English Essays Edited by R.P. Singh (O.U.P.)
The Pointed Vision Edited by Usha Bande and Krishnan Gopal, (O.U.P.)

SECTION B
Chaman Nahal: Azadi
William Golding: Lord of the Flies

Reference Books :-

SECTION C
Note Making, Summarizing, Theme Writing

Recommended Readings:

Mohan Das, N.K. Writing Today:Developing Skills in Academic an Workplace Writing (Orient Blackswan)

Vandana R. Singh: The Written Word (O.U.P.)

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University of Rajasthan
Jaipur
1. केशवदास
समविक्रया — सम वंदना — पूर्ण पुराण अरुंद — देवी मुहितको...
पूर्णदय वर्णन — 1. अरुण गात उदत प्रारत — दिन मामिनी के भाल को।
2. व्योग में मुणि देशिए — तिकितिता तिनकी हुई।
पंचवटी वर्णन — 1. फल पूलन पूरी — रति नहु जाने
2. सब जात जटी — धूर जाति पंचवटी।
3. साधित दरका के रुचि — जनु मुफति लसे।
हनुमन लंका गमन — 1. हरि केसी वाहन — हनुमन चल्ली लंक को।

2. विकारी (20 दोहे)
- मेरी भव बाहा हरी...
- तजी तीरथ हरि सचिका...
- नाच अचानक ही उठे बिन पाकर...
- कहत नदत शैलत खिसत...
- नेहन नैना को कछु उफनी बडी बलाय...
- पाय पहलकर देव को नाइन बैठो आय...
- गंगल बिनूरु सुरंग गुण राशि कतसर...
- अंग-अंग नग जगमगत दीपिकाव की देह...
- मुसलुन भाल समार है...
- कौनी हू कोटिक जतन अब कहि...
- या अनुरागी, खिद की...
- जुसपी सुंदर सूर पूर्ण सुगन्ध दीपक देह...
- कहा कही वाकीदास हरि प्राणन केदास...
- पत्रा ही तिथि पाईए या घर के बद्दू घरा...
- निस अंधिचरी नील पट, पड़े चलि पियागेह...
- आवाई सौंसी सुमुख विशर अग्नि विललात...
- इति जावत उत जत रक्ति...
- लाल सुहारे विरह की अग्नि अनुर अपार...
- कहानाने एकार बसत अहिग मूर्य गुण वाघ...
- कनक कनक ते सौ गुनी मादवता अधिकार...
- को कहि सकी बड़ी ते सांस बड़ी हू मूल...
- नही पराग नही मूर्य मधु...
- मंत्र ध्वसन विजरध पर्ची तुला समय के फेर...
- जनान जनानी जेठि सकल सोहरि...
- तो लगि या मन सदन में...

3. वेद
- जग्गि न काम न कोड़ विदेह...
- कोक कही कुटरा कूलिन अकुलिन कही...
- सारी सूति रही भरे नैनन...

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4. मूलन
- साहित्य चर्चित-सौत्र अंग में उग्र धार्म सिद्धांत सिद्धांती जग जीती चलता है।
- वर्ध फूलों की धारा धांग जाने के नाहीं यहां चलने वाले धर्म के।
- बझे धरों दिव्य पुराण परस्पर से राम नाम-राक्षसों अन्तर सुधार में।
- उज्जाल पत्थर ते न दीयों हैं धरा घर प्रगत सहस्र निदित्रित चली जाती है।
- जोड़े धार मंडर के अन्दर रहने वाले जोड़े धार मंडर के अन्दर रहती हैं।
- अधिक गुलाब बॉबा चंदन सुगंध सबसे सरल भीतर की सुवर्ण विद्वान करता है।
- साहित्य की अधार किसी जिनको अधार धार अन्दर-लंबे मुख चंदन के समान है।
- आरत की पूजा ही है सारे हिंदुस्तान द्वारे दूरदर्शी कुल रावण अन्नति अति करते।
- मुख-सुंदरकेश की बैसांगिनी मुखर्णिनी सी खड़े खड़े खाती देखा दारान दलन के।
- अति साहि मही सुखमा सु खरी मुख उपर आय रही अलर्क।

5. धनानंद
1. छाव की सदन, मोदमिता बदन-चंदन
2. मोर ते सांझ ती कानन और निहारत दरबार नै क नहर ति
3. लोंग न सरोवरों, जागे न जाग, अनोखेये लाग दु मोहन लागी
4. नित धीरा खड़े, उर मांग अली, छाव मंग-भरी मुरी चाहनी की
5. अंतर उदेग-दाह, अंकित प्रवाह-औसू
6. नैना में लागे जागे, जागे सु दोनों बीच
7. दिनन के फेरे सारे, महो का है हरे-फेरे ऐसी
8. कौन के सरन जैसे आप तो मारे दूरे
9. जानो प्रौढ़ा पति निशुष्क तो निपट नेह
10. मीठ सुजना अनीत करी विन, हि हि। न हुज़ये मोहि अनंति

6. आलम
1. कुटिर बदन चील चंदन चरित सुखि,
2. अंकितियों नली-पू ऐसे अंकितियों वायर, नली,
3. चाहती सिंघार तिहे सिंघार को माराइ तहा,
4. बारे ते न घनक लगत बिनु सोंरे ते
5. सीता रितु मीठ तई छावी जाती ताती तई,
6. लाल प्रसुन डोल डोल कोंकला अलस एकौन,
7. पालन खेलत गद ललन छलन बलिः
8. दैथ ते मूर धार धार धन्यों छारी खड़ी
9. हीं से काह बेह बुरी पैले नै के बैनी आती
10. गंगा युक्ती लिये सांस तको भर दिये,
7. पदार्थकर

1. कूलन में, कोलिन, कहारन में, कुम्भन में,  
2. और भी भीतर कूलन में गुरजर मेरे—भीरे,  
3. वंचल समाक़ बढ़े, उरा ते चाह—भरी,  
4. आयी ही खेलन पाग इहीं वमाननुषी ते साखी सँग लीने।  
5. सीज़ प्रज़ चंद धै चढ़ी यो मुखबंद जा को।   
6. ऐसी न देखी सुनी सुजानी धोनी बाड़त जात बियोग की बाध।  
7. तीर पर तरन—तनुजा के तमाल—वरे,  
8. फहरे निसन दिसान जाहिर, धोल दल बक वंत से।  
9. सिर कद़हं, सिर कद़ि धर कद़हं, धर कद़ि सुह्य कदिज जात हैं  
10. किल किलकत चढ़ी, ताहि निज खड़ी, उमड़ि, उमड़ी, हररति है।  

8. सेनापति

1. राखिति न दोपे पोपे वंगल के लखन कौँ,  
2. बानी सौं सहित सुरजन गृह रहे जहैं  
3. करत कलौल झुलि दोरघ, अमोल, होत।  
4. कालिसी की धार निकाह है अधर, गन।  
5. साहे सँग आलिः, रही रहत हूँ के उर लालि,  
6. मालती की माल तेरे तन को परस पाई,  
7. मानहुँ प्रबाल ऐसे और लाल लाल, मुज,  
8. बरन बरन तरु पूले उपवन बन,  

अंक विभाजन

कुल चार व्याख्याएँ (एक कवि से केवल एक व्याख्या) (आत्मारित विकल्प-देय)  
4 x 10 = 40 अंक

कुल चार नियमात्मक प्रश्न — एक कवि से संबंधित एक ही प्रश्न (आत्मारित विकल्प-देय)  
4 x 15 = 60 अंक

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पृष्ठभंडारी: 100
खण्ड - 'अ'

नाटक - कोणार्क: जगदीश चन्द्र माघुर

खण्ड - 'ब'

एकांकी

1. रामकुमार वर्मा - उत्सर्ग
2. शुभेंद्रनाथ - लोक गीतों के कोटे
3. उपेन्द्र नाथ अरक - नया-पुराना
4. विष्णु प्रभाकर - ममता का विष
5. लक्ष्मी नारायण लाल - काल पुरुष और अजन्ता की नर्तकी
6. धर्मवीर भास्कर - आवाज का नीलाम
7. सुरेन्द्र वर्मा - हरी घास पर घटे भर

खण्ड - 'स'

नाटक एवं एकांकी का उदभव एवं विकास

अंक विभाजन

कुल चार व्याख्याएं - दो नाटक से, दो एकांकी से (आत्मरिक विकल्प देय) 9 x 4 = 36 अंक कुल चार निबन्धात्मक प्रस्ताव 14 x 4 = 56 अंक खण्ड 'अ' व 'ब' में से "नाटक पर दो प्रस्ताव, एकांकी पर दो प्रस्ताव" (आत्मरिक विकल्प देय) खण्ड 'स' में से एक टिप्पणी (आत्मरिक विकल्प देय) 8 अंक

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3. Urdu

B.A. Part-II 2020

Paper-I Poetry and Critical Appreciation

Max. Marks 100 3 Hrs. Min. Pass Marks 36

Books Prescribed :


The following are prescribed from the text Book :-

A) Ghazalyat: Dard, Momin, Nasikh
B) Qasida : Wah Wah Kya Motadil Hai Baghe Alam Ki Hawa of Zauq
C) Marsiya : Namake Khawane Takallum Hai Fasahat Meri of Meer Anis

Division of Marks :

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

Total 100

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

Paper II (Prose)

Max. Marks 100 3 Hrs. Min. Pass Marks 36

Books Prescribed :

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


\[\text{Signature}\]

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### Division of Marks:

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<th>Unit</th>
<th>Description</th>
<th>Marks</th>
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<tr>
<td>Unit I</td>
<td>Ten short answer type questions.</td>
<td>20</td>
</tr>
<tr>
<td>Unit II</td>
<td>Explanation of Two Out of Three Prose Passages.</td>
<td>20</td>
</tr>
<tr>
<td>Unit III</td>
<td>Critical Appreciation of A Prose Writer with Internal Choice</td>
<td>20</td>
</tr>
<tr>
<td>Unit IV</td>
<td>Summary of A Prose Lesson with Internal Choice</td>
<td>20</td>
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<tr>
<td>Unit V</td>
<td>General Questions on Novel &amp; Afsana.</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>100</strong></td>
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</tbody>
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**Note:** Attempt at least one question from each unit. All the short answer type questions of unit I are compulsory.

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4. Persian

B.A. Part-II 2020

Scheme:

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

Paper-I (Prose & Poetry)

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

Books Prescribed:
1. Nisab-e-Jadeed Farsi Bara-e-B.A.
   (Hissa Nasar Wa Nazm) published by Jayyed Press Delhi.

Prose Section
1. Inlekhab-e-Zindigi-e-Man Kudki, Mah-e-Man
2. Dastan Hai Kotah
   Mohd. Hijazi
   (a) Idi (b) Khudkushi

Poetry Section
1. Qasaids Urfi
   Dar Wasaf Kashmeer
2. Intekab-e-Masnavi (Page No.; 118-129)
3. Rubaiyate Umar Khyyam 1 to 20 Rubaiyat

Division of Marks:

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.

[Signature]
Dy. Registrar (Academic-II)
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Jaipur
Paper-II
Fiction, History of Persian Literature and Translation

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

Books Prescribed :
   Published By Jayyed Press, Delhi
   Only Intekhab-e-Haji-BABA
   (Upto Guftar Suwwum)

Books Recommended :
1. Sher-ulAjam Part I & II By Shibli Nomani
2. Tarikh-e-Adabiyat-e-Iran By Dr. Raza Zada Shafaq Translated in Urdu By
   Mubarizudin Rifat.

Division of Marks :
Unit-1  (A) Ten short answer type questions based on full paper. 10
        (B) Translation of two passages out of three prescribed Fiction 20
            into Urdu
Unit-2  General Question on Fiction/Character 20
Unit-3  History of Persian Literature 20
        (From Tahir Period to Safawid Period)
Unit-4  Question on Prescribed Lessons 20
Unit-5  Translation of five Urdu sentences into Persian out of ten 10

Total 100

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

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Jaipur
Sanskrit

बी.ए. संस्कृत हिंदीय वर्ष (2020)

सामान्य निर्देश –
1. प्रयोजन परीक्षा में दो-दो प्रश्नपत्र होंगे।
2. प्रयोजन प्रश्नपत्र में न्यूनतम उत्तरीणक 36 तथा पूर्णक 100 होंगे और समय 3 घंटे का होगा।
3. परीक्षा का माध्यम हिंदी/अंग्रेजी होगा, परन्तु प्रश्नपत्र केवल हिंदी में बनाया जायेगा।
4. परीक्षार्थी को छूट होगी कि वह हिंदी, संस्कृत अथवा अंग्रेजी में किसी एक माध्यम 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।
5. संस्कृत केवल देवनागरी सिफ़ी में ही लिखा जाना अनिवार्य है।
6. प्रयोजन प्रश्नपत्र में से अनुवाद, व्याख्या, संस्कृत एवं समालोचनात्मक प्रश्न पूछे जायेंगे।
7. प्रयोजन प्रश्नपत्र में दो प्रश्न होंगे, जिसमें प्रथम 'अ' भाग लघूसूत्रात्मक प्रश्नों का होगा।
8. 'ब' भाग में निबंधात्मक प्रश्न होगे। 'अ' भाग में कुल 15 प्रश्न होंगे, जिनका पूर्णक 30 होगा।

प्रथम प्रश्नपत्र

वैदिक साहित्य, गद्य साहित्य एवं व्याकरण विषय

समय : 3 घंटे

प्रथम प्रश्न में निम्नाभिस्फल प्रश्न में से लघूसूत्रात्मक निबंधात्मक, अनुवाद, व्याख्या व समालोचनात्मक प्रश्न पूछे जायेंगे। 15 प्रश्न लघूसूत्रात्मक होंगे जिनमें से प्रथम 5 प्रश्न का उत्तर संस्कृत में लघूसूत्रात्मक भाषा के माध्यम से देना होगा, प्रयोजन प्रश्न के लिए 2 अंक निर्धारित हैं। इस प्रश्नपत्र में संस्कृत अनुवाद/ निबंध पूछे गए हैं वही संस्कृत में उत्तर अनवर्तित नहीं है।

पाठ्यक्रम

1. वैदिक साहित्य
   (क) उपयोग के निम्नलिखित युक्तियों का अध्ययन—
20 अंक
   अनुसूत्रित (1/1) वर्णासूत्र (1/25) इन्द्रासूत्र (2/12) क्रृष्णपरिसूत्र (4/57)
   विश्वविद्यालय (8/58) पञ्चात्मकसूत्र (10/121) संज्ञानसूत्र (10/191)
   इन युक्तियों के ग्रंथों का अनुवाद, व्याख्यात्मक इतिहास एवं उत्कृष्ट देशात्मक चरित्र, स्मृति से संबंधित प्रश्न निर्धारित हैं।
   (ख) कवितानिवृत— प्रथम अध्ययन—प्रथम वक्ता—
10 अंक

2. गद्य साहित्य—
   शुक्लायणोपदेशाय (कादंबरी-बाणभार) से

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3. वैदिक साहित्य का इतिहास  
   (वद तथा प्रमुख भाषाण प्रचार का सामाजिक परिचय)  
4. व्यक्तरण— लघुसिद्धांतकौमुदी—नागिक (अजन्ता एवं हलन्त)  
   (क) अजन्ता प्रकरण—
      निम्नलिखित शब्दों की स्पष्टिति एवं इनमें प्रयुक्त होने वाले 
      सूजनों का अर्थज्ञान— राम, सर्वे, हरि, गुरु, रमा, नदी, झान, यारि  
   (ख) हलन्त प्रकरण—
      निम्नलिखित शब्दों की स्पष्टिति एवं इनमें प्रयुक्त होने वाले 
      सूजनों का अर्थज्ञान— विश्वास, राजन, मगवत, विद्वान, युध, असह और चतुर, इत्यादि।
   अंक—विभाजन

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<tr>
<th>क्र.सं.</th>
<th>नाम पुस्तक</th>
<th>लघुसारास्क मार्गन</th>
<th>अंक</th>
<th>निबन्धालमक प्रसन्न</th>
<th>अंक</th>
<th>अंक योग</th>
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<td>1.</td>
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<td>02</td>
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<td>कठोपनिषद्</td>
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<tr>
<td>3.</td>
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<td>02</td>
<td>17</td>
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<td>4.</td>
<td>वैदिक साहित्य का इतिहास</td>
<td>लघुसारास्क 2</td>
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<tr>
<td>5.</td>
<td>लघुसिद्धांत कौमुदी की हलन्त</td>
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<td>02</td>
<td>09</td>
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<td></td>
<td>वह अजन्ता</td>
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<td>06</td>
<td>02</td>
<td>09</td>
<td>6+9=15</td>
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<tr>
<td>कुल योग</td>
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<td>30</td>
<td>10</td>
<td>70</td>
<td>100</td>
<td></td>
</tr>
</tbody>
</table>

प्रश्न—पत्र का निर्माण निम्नप्रण होगा —
1. सभी प्रश्न अनिवार्य हैं।
2. प्रत्येक पुस्तक से लघुसारास्क य निबन्धालमक, व्याख्यालमक प्रसन्न पूछे जायेंगे।
   लघुसारास्क प्रश्न के 2 अंक निर्धारित हैं।

निबन्धालमक/ व्याख्यालमक प्रश्न

1. वैदिक साहित्य
   त्रयोदश
   भाग अ में 2-2 अंक के दो लघुसारास्क प्रश्न पूछे जायेंगे।
   भाग ब
   4 मन्त्र पूछकर उनमें से किसी 2 को स्पष्टसिद्ध व्याख्या पूरी जायेंगी।
   10. अंक
   देवसाठों के स्वयंभू सांस्कृतिक प्रश्न में से किसी एक का उत्तर अपेक्षित है।
   08 अंक

कठोपनिषद्
   भाग अ में 2-2 अंक के दो लघुसारास्क प्रश्न पूछे जायेंगे।
   भाग ब
   2 मन्त्र पूछकर किसी एक की व्याख्या अपेक्षित है।

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06-अंक
2. शुक्लानाथप्रेम
भाग अ में 2-2 अंक के तीन लघुत्तमलिख प्रश्न पूछें जायेंगे।

भाग ब
4 गद्यांश पूछकर उनमें से किसी 2 की समस्त स्वास्थ्य पूछी जायेगी।
दो विवेकानन्दलिख प्रश्न पूछकर किसी एक प्रश्न का उत्तर देना होगा।

06 अंक
12 अंक
07 अंक

3. वैदिक साहित्य का इतिहास
भाग अ में 2-2 अंक के दो लघुत्तमलिख प्रश्न पूछें जायेंगे।

भाग ब
2 विवेकानन्दलिख प्रश्न पूछकर 1 प्रश्न का उत्तर देना होगा।

04 अंक
11 अंक

4. लघुसिद्धांत कौशिकी
(क) अनुसूचित
भाग अ में 2-2 अंक के तीन लघुत्तमलिख प्रश्न पूछें जायेंगे।

भाग ब
4 सूत्र पूछकर 2 की स्वास्थ्य अपेक्षित है।
4 शब्दों की सिद्धि पूछकर 2 की सिद्धि अपेक्षित है।

(क) हलन
भाग अ में 2-2 अंक के तीन लघुत्तमलिख प्रश्न पूछें जायेंगे।

भाग ब
4 सूत्र पूछकर 2 की स्वास्थ्य अपेक्षित है।
4 शब्दों की सिद्धि पूछकर 2 की सिद्धि अपेक्षित है।

06 अंक
05 अंक
04 अंक
06 अंक
05 अंक
04 अंक

सहायक पुस्तकें:
1. वैदिक सूत्र मुख्यांकन- डॉ. सुबीश वर्मा, पुस्तकालय, हैदराबाद, जयपुर।
2. अनुसूचित संज्ञाकृति- डॉ. सुब्रमण्यन, वेदांतन्यास, अलक्यार, जयपुर।
3. अनुसूचित संज्ञाकृति-एफ. मैकस्मून, वैष्णव ग्रन्थालय, दिल्ली।
4. अनुसूचित संज्ञाकृति-डॉ. शालिक विजय, वैष्णव ग्रन्थालय, दिल्ली।
5. अनुसूचित संज्ञाकृति-डॉ. त्रिवेदी, वैष्णव ग्रन्थालय, दिल्ली।
6. कपोलनाथ-ब्रज, पाण्डुलीपि, नानावर, जयपुर।
7. कपोलनाथ-डॉ. राजेंद्र, पाण्डुलीपि, नानावर, जयपुर।
8. कपोलनाथ-प्रथम दिल्ली-डॉ. सुब्रमण्यन, वेदांतन्यास, अलक्यार, जयपुर।
9. कपोलनाथ-(प्रथम दिल्ली)-डॉ. सुब्रमण्यन, वेदांतन्यास, अलक्यार, जयपुर।

गद्य-साहित्य:
1. शुक्लानाथप्रेम-डॉ. सुब्रमण्यन, वेदांतन्यास, अलक्यार, जयपुर।
2. शुक्लानाथप्रेम-महालक्ष्मी, वेदांतन्यास, अलक्यार, जयपुर।
3. शुक्लानाथप्रेम-डॉ. श्रीकृष्ण आर्य, अलक्यार, जयपुर।
4. काव्य-वैष्णव संसूक्त प्रतिभावर, दिल्ली।

संसूक्त साहित्य का इतिहास:
1. संसूक्त साहित्य की रचिता-वृंदेश्वर पाण्डुलीपि, वैष्णव ग्रन्थालय, वाराणसी।

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2. संस्कृत साहित्य का नवीन इतिहास—ओ. पुष्करदत्त शर्मा।
3. संस्कृत साहित्य का समालोचनात्मक इतिहास—ओ. रामजी उपाध्याय, रामनाथ बेनीमाधव, इत्यादि।
4. संस्कृत साहित्य का इतिहास—श्री सत्यनाथ साहसी, आयु सुकुमार डिमिरी, दिल्ली।
5. संस्कृत साहित्य का इतिहास—ओ. बलदेव उपाध्याय, चौधरी मोहनदास, दिल्ली।
6. संस्कृत साहित्य का इतिहास—मंगलदेव शास्त्री, मोहनदास बनारसीदास, दिल्ली।
7. संस्कृत साहित्य का इतिहास—प्रो. उमाशंकर रामचंद्र, चौधरी प्रतिमा, दिल्ली।
8. संस्कृत साहित्य का इतिहास—ओ. रामानंद निरंजानी, चौधरी प्रतिमा, दिल्ली।
9. वैदिक साहित्य एवं संस्कृत साहित्य का स्वरूप—ओ. प्रकाश परमेश, विश्व प्रकाश।

लघुसिद्धान्त कौमुदी:
1. लघुसिद्धान्त कौमुदी—ओ. अर्कनाथ चौधरी, जमशेदी संस्कृत पुस्तकालय, जयपुर।
2. लघुसिद्धान्त कौमुदी—महेशसिंह कुमारवाह—प्रथम एवं द्वितीय भाग, चौधरी मोहनदास संस्कृत प्रतिष्ठान दिल्ली।
3. लघुसिद्धान्तकौमुदी, श्रीरामचरण शास्त्री, मोहनदास बनारसीदास, दिल्ली।
4. लघुसिद्धान्तकौमुदी, विश्वनाथ शास्त्री, मोहनदास बनारसीदास, दिल्ली।

इतिहासकर्म

नाटक, छन्द, अलंकार एवं संस्कृत साहित्य का इतिहास

समय : 3 घंटे
अंक—100
प्रत्येक प्रश्न में निर्धारित अंक में से लघुसिद्धान्त निबन्धात्मक, अनुवाद, व्याख्या व समालोचनात्मक प्रश्न एक जोड़े जायेंगे।
पाठ्यक्रम

1. अभिज्ञानशाकुतलम्—कालिदास
अंक

2. छन्द—अभिज्ञानशाकुतलम् के आधार पर निन्दित छन्दों के लक्षण एवं उत्पादन—अनुपुष्प, आयों, अनुपास, उपास, वंशवादिक, चातुर्वीण, मातिर्तिक, शिक्षिक, हरिषंग, भगवान, गुप्ताचार्य।
अंक

3. अलंकार—काश्यपकौशिकी(बस्ती विषय) के आधार पर निन्दित अलंकारों के लक्षण एवं उत्पादन—अनुप्रसार, त्वरक, शेषक, दक्षिणक, रूपक, उद्देश्य, अतिशयोक्ति, अप्रस्तुताप्रसार, विभाविक, विकार्यन्त्रित, व्यवित्त, संसारित, दृष्टान्त, दीपेक, दुम्पण्डित, द्वंद्व, भावित्तमा।
अंक

4. संस्कृत साहित्य का इतिहास
अंक

(क) दीर्घकाय—समायग तथा महाराष्ट्र
(ख) महाकाव्य—कालिदास, अवकाश, भारती, नाग।
(ग) गीति काव्य—कालिदास, भारती, पश्चिमराज, जगन्नाथ।
(घ) गद्य काव्य—दक्षिण, सुकुल, भारती, अभिकल्प तथा।

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19. (डे) नादय साहित्य— भाषा, कल्पितास, सृजन व विशाखर्दन।
(च) आधुनिक संस्कृत साहित्य (राजस्थान प्रांत के विशेष संस्करण में)
पं. गणेशराम शर्मा, पं. महरोध और, मह. महरोध शास्त्री, पद्मशास्त्री,
श्री सूर्य शास्त्री।

5. अनुवाद (हिंदी से संस्कृत)
अंक— विभाजन

<table>
<thead>
<tr>
<th>क्र. सं.</th>
<th>नाम पुस्तक</th>
<th>लघूतरलामक प्रश्न</th>
<th>अंक</th>
<th>निबन्धालामक प्रश्न संख्या</th>
<th>अंक</th>
<th>अंकों का योग</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>अभिज्ञानशाश्वकुलसम्म</td>
<td>लघूतरलामक 05</td>
<td>10</td>
<td>03</td>
<td>35</td>
<td>10+35=45</td>
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<td>2.</td>
<td>चन्द्र (अभिज्ञानशाश्वकुलसम्म के आधार पर)</td>
<td>लघूतरलामक 01</td>
<td>02</td>
<td>01</td>
<td>08</td>
<td>2+08=10</td>
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<tr>
<td>3.</td>
<td>अलकार (काव्यदीपिका अभ्यंश संख्या के आधार पर)</td>
<td>लघूतरलामक 01</td>
<td>02</td>
<td>01</td>
<td>08</td>
<td>2+08=10</td>
</tr>
<tr>
<td>4.</td>
<td>संस्कृत साहित्य का इतिहास</td>
<td>लघूतरलामक 08</td>
<td>16</td>
<td>01</td>
<td>09</td>
<td>16+09=25</td>
</tr>
<tr>
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<td>अनुवाद</td>
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<td></td>
<td>01</td>
<td>10</td>
<td>10</td>
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<tr>
<td></td>
<td>कुल योग</td>
<td></td>
<td>15</td>
<td>30</td>
<td>07</td>
<td>100</td>
</tr>
</tbody>
</table>

प्रश्न—पत्र का निर्माण निम्नानुसार होगा—
भाषा 'अ'

प्रश्न—पत्र का निर्माण निम्नानुसार होगा—
1. सभी प्रश्न अनिवार्य हैं।
2. प्रत्येक पुस्तक से लघूतरलामक व निबन्धालामक, व्याख्यालामक प्रश्न पूछे जायेंगे।

लघूतरलामक प्रश्न के 2 अंक निर्धारित हैं।

निबन्धालामक/ व्याख्यालामक प्रश्न

1. अभिज्ञानशाश्वकुलसम्म

भाषा 'अ' में 2-2 अंक के प्रश्न लघूतरलामक प्रश्न पूछे जायेंगे।

भाषा 'ब'
1 लें 4 अंकों में से 4 रेषक पुष्कर जनने से
किंतु 2 की सार्वजनिक व्याख्या पूछी जायेगी।
5 लें 7 अंकों में से 4 रेषक पुष्कर जनने से
किंतु 2 की सार्वजनिक व्याख्या पूछी जायेगी।
2 प्रश्नों में से 1 प्रश्न का उत्तर अभेषित है।

10 अंक
14 अंक
14 अंक
07 अंक

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तालिका ४

संस्कृत साहित्य का इतिहास

1. अनन्दनाथाकुलम् दृ. गंगासागर राय, चौखंडा संस्कृत प्रतिष्ठान, दिल्ली
2. अनन्दनाथाकुलम् जगदीशप्रसाद शर्मा— रचना प्रकाशन, जयपुर
3. अनन्दनाथाकुलम् सुयोगचंद्र पंत— मोतिलाल बनारस, दिल्ली
4. अनन्दनाथाकुलम् जगदीशप्रसाद शर्मा— मोतिलाल बनारस, दिल्ली
5. काव्यदीपिका— प्रमेयकरणदेव शर्मा, मोतिलाल बनारस, दिल्ली

संस्कृत साहित्य का इतिहास—

1. संस्कृत साहित्य की उपरख— चंद्रशेखर पाणिय्य एवं नानूर व्यास, चौखंडा प्रकाशन, बालासागर
2. संस्कृत साहित्य का नयीन इतिहास— दृ. पुकरदत्त शर्मा, अजमेरा बुक कं., जयपुर
3. संस्कृत साहित्य का आलोचनात्मक इतिहास— दृ. रामचंद्र उपाध्याय, रायगढ़ प्रकाशन, बेंगलुरु
4. संस्कृत साहित्य का इतिहास— श्री सत्यमारण शास्त्री, अय्यर बुक कंपनी, दिल्ली
5. संस्कृत साहित्य की प्रौढ़ियों— दृ. जयकिशनप्रसाद लखनऊ, विद्याधर पुस्तक कंपनी, आगरा
6. संस्कृत साहित्य का इतिहास— ए.बी. कौशल, अनु. मंगलदेव शास्त्री— दिल्ली
7. संस्कृत साहित्य का इतिहास— प्र. राजदेव महात्मा हीरा चौखंडा संस्कृत प्रतिष्ठान, दिल्ली
8. संस्कृत साहित्य का प्राचीन एवं अर्योधी इतिहास— दृ. रामसिंह चौधरी, तिल लघुकार्यालय, जयपुर।

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6. Philosophy

B.A. Part-II 2020

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

General Instructions:
(1) There shall be two question papers: Paper I and Paper II.
(2) Both the question papers will be in two parts: Part I & Part II
(3) Part I of the question paper will be of 40 marks in total. This part will consist of twenty compulsory short questions, with 2 marks each. The word limit for these questions shall be upto 50 words. These questions will cover the entire units and there will be no unit wise division of the questions asked in this part.
(4) Part II of the question paper will be of 60 marks and students will required to write detailed answer in the answer sheet only. If syllabus (course contents) of a paper is divided into two units i.e. Unit A and Unit B, then in this part of the question paper six questions will be asked in total: three questions from each unit. Student will be asked to attempt three questions in total and at least one question from each unit. Each question will be of 20 marks. If syllabus (course contents) of a paper is divided into three Units i.e. Unit A, B & C then in the Part II of the question paper, which consist of Essay type questions, six questions will be asked in total: two questions from each Unit. Students will be required to attempt three questions in total and one question from each Unit. The ideal word limit for these questions is 500-600 words.

Paper I: Logic (Western)

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

Unit: B
1. Aristotelian classification of categorical propositions, square of opposition and the question of existential import, conversion, observation, contraposition.
2. Categorical syllogism: figures and moods, rules of validity, fallacies.
3. Boolean interpretation of propositions, Venn diagram technique of testing the validity of syllogisms.

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Unit: C
1. Truth-functions: negation, conjunction, disjunction, implications and equivalence.
2. Arguments and argument-forms, truth-table technique for testing the validity of arguments form and classification of statements forms.
3. Mill's methods of experimental enquiry

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

**Paper II: Ethics (Indian and Western)**
**Unit: A**
1. Introduction: Concerns and presuppositions, theory of karma.
2. Dharma: its meaning, definition, classification
3. Niskama Karma Yoga, Signdra, Stitopanishad
5. Buddhist ethics: the four noble truths and the eight-fold path. Brahmaviharas
6. Jaina ethics : anuvratas and mahavrata, Tri ratna

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

**Suggested Readings**
I.C. Sharma : *Ethical Philosophies of India.*
Surama Dasgupta : *Development of Moral Philosophy in India.*
M. Hiriyanamma : *The Indian Conception of Values.*
P. V. Kane : *The History of Dharmasastras Vol.I* (Hindi translation available)
W. Lillie : *An Introduction to Ethics.* Philippa Foot (ed.) Theories of Ethics.
J.N. Sinha : *A Manual of Ethics* (Hindi translation available)

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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

Minimum Pass Marks 72

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

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

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

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

परीक्षा योजना:

अधिकारण अंक 200

प्रथम प्रश्न पत्र
3 प्रश्न 3 घंटे अंक 100

द्वितीय प्रश्न पत्र
3 प्रश्न 3 घंटे अंक 100

नोट: द्वितीय विषय के कुल दो प्रश्न पत्र होंगे, प्रत्येक प्रश्न पत्र प्रश्न घंटे की अवधि का एवं 100 अंकों का होगा।

प्रत्येक प्रश्न पत्र के दो भाग होंगे। प्रथम भाग 40 अंकों का होगा एवं हरा भाग में दो अनुवर्तक 40-40 होंगे।
20 अंकों के प्रथम अनुवर्तक प्रश्न में, दो-दो अंक के 10 अनुवर्तक अतिमुख्ततात्मक प्रश्न होंगे। प्रत्येक प्रश्न की शक्ति सीमा 20 घंटे।

20 अंकों के प्रथम अनुवर्तक प्रश्न में, दो-दो अंक के 10 अतिमुख्ततात्मक प्रश्न होंगे। प्रत्येक प्रश्न की शक्ति सीमा 50 घंटे।

प्रश्न पत्र के द्वितीय भाग में, पद्धति के प्रश्न के प्रश्न रूप में हों, जिस प्रत्येक प्रश्न से दो-दो प्रश्नों का प्रश्न करते हुए, प्रश्न 06 निर्धारित अवधि होगे। प्रत्येक प्रश्न 20 अंकों का होगा। परीक्षादीर्घ को प्रश्न पत्र में से दो भाग एक प्रश्न का प्रश्न करते हुए, समग्र 06 अंक उपलब्ध होंगे। प्रश्न पत्र का यह प्रमाण करता है: दो अंकों की होगा।

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PAPER I: HISTORY OF MEDIEVAL INDIA (c. 1200-1761 A.D.)

Section - A


Section - B


Section - C

प्रथम प्रस्ताव  
मथकालिन भारत का प्रविश्‌न (1200-1761 ईस्वी)

खण्ड - ए

गुरग राज के सङ्ग का सङ्केत। गुरग साम्राज्य की स्थापना। शेरसाह सुधी का उत्कर्ष एवं उसका प्रशासन। अकबर के अधीन गुरग साम्राज्य का विस्तार एवं सुधीकरण। गुरग साम्राज्य पर शेरसाह जुना की पूर्णिमा। राजपूत, सिंहली, अर्थात् राजा, गोरखा, पाशा एवं महाराजा के प्रभाव गुरग राज की नीति। गुरग राज की धार्मिक नीति। शहराज का उत्कर्ष तथा 1761 ईस्वी तक गर्गो का विस्तार। गुरग साम्राज्य का पतन।

खण्ड - इ

भारत (1200 से 1761 ईस्वी) में राजशाही, सम्राट, अर्थव्यवस्था एवं संस्कृति की गुरग विशेषताओं का आलोचनात्मक वर्णन। राज की नीति। प्रशासनिक एवं क्रांतिकारी विषयों का विकास। अर्थव्यवस्था: कृषि, उद्योग, व्यापार, दैनिक, नगरीय निर्माण। संस्कृति: साम्राज्य निर्माण - उत्तराधिकारी, गुरग वर्ग, व्यापार, व्यापार। विज्ञान की नीति। सातवाहन, महाराजा, सुफी, सिंहली एवं महाराजा का प्रभाव। सांस्कृतिक सम्प्रदाय, हेल्ड प्रभाव एवं सांस्कृतिक संस्कृति का विकास।

Books Recommended (अनुश्रुतिः पृष्ठोत्तरः)

Theory and Practice of Muslim State in India, Delhi, 1999
Hermann Kulke (ed.): The State in India, 1000-1700 A.D., Delhi, 1997
A. Mahdi Husain: The Tughlaq Dynasty.
Satish Chandra: The Rise and Fall of Muhammad Bin Tughlaq
Medieval India – From Sultanate to the Mughals, Part L, Delhi Sultanate (1200-1526), Part II; Mughal Empire (1526-1748) Delhi, 1997 (also in Hindi).
K. M. Ashraf: Life and Conditions of the People of Hindustan (1200-1550 A.D.), Delhi, 1970.
R. P. Tripathi: Rise and Fall of the Mughal Empire (also in Hindi), Allahabad, 1963
Some Aspects of Muslim Administration, Allahabad, 1964

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PAPER II. MAIN TRENDS IN THE CULTURAL HISTORY OF INDIA

Section A


Section B


Section C


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कला आदि संस्कृति: भारतीय कला की विद्वानों। गंगोत्रि स्वामी संस्कृति की प्रतिष्ठा। आयु, अनुसंधान, 801-810. मंदिर एवं प्रतिमा के आकर्षण का उत्सव। इस से संबंधित है देवता विवरण, आन्तरिक प्रदर्शन, युगल-विवरण। विज्ञान एवं संस्कृति: आयु, अनुसंधान, 801-810. सुभाष का सम्मान।

Books Recommended (अनुश्रुत पुस्तकें):

G. C. Pande, Foundations of Indian Culture, Vol. I and II
Rajbali Pandey, Hindu Samskaras (The Social and Religious Study of the Hindu Sacraments), (also in Hindi), Varanasi
A. L. Srivastava, Medieval Indian Culture (also in Hindi).
V. S. Agrawala, Indian Art, Varanasi.
Krishna Dev, Temples of North India (also in Hindi), NBT, New Delhi
K. R. Srinivasan, Temples of South India (also in Hindi), NBT, New Delhi
A. L. Basham, The Wonder that was India (also in Hindi)
The Cultural History of India (ed.)

प्रसिद्ध विद्वान, बाबू हरिशंकर चौधरी, भारतीय परम्परा के सूचन विस्तार, नई दिल्ली, 1993: भारतीय समाज – तात्त्विक और ऐतिहासिक विवेचन, नई दिल्ली, 1994.

राजेंद्र जोशी, भारतीय धर्म, लखनऊ, 1963.
राजबाई पांडे, हिंदू संस्कार, वाराणसी.
जयकुमार निश्चित, भारतीय धर्म का सामाजिक इतिहास, पटना, 1999.
२. प. श्रीवास्तव, भारतीय कला, वाराणसी, 2002.

जयजीत के अलावा, भारतीय परम्परा की विद्वान.

प्रसिद्ध विद्वान, बाबू हरिशंकर चौधरी, भारतीय परम्परा के सूचन विस्तार, नई दिल्ली, 1993: भारतीय समाज – तात्त्विक और ऐतिहासिक विवेचन, नई दिल्ली, 1994.

डी. रजिस्ट्रेटर
(आकादमिक)
उनिवर्सिटी ऑफ राजस्थान
जैपुर
Political Science
B.A. Part-II 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).

\[ \text{Part I: Political Science} \]

- India and the World
- Politics and Society
- Democracy in India
- Nationalism and Independence
- Constitution of India

\[ \text{Part II: Comparative Studies} \]

- Politics in Pakistan
- Politics in Bangladesh
- Politics in Nepal
- Politics in Sri Lanka

\[ \text{Part III: Research Methodology} \]

- Research Design
- Data Collection
- Data Analysis
- Report Writing

\[ \text{Practical} \]

- Preparation of a research paper on a topic of choice

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Paper-I: Selected Political System

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

Section A: Britain

Section B: U.S.A.

Section C: Peoples Republic of China, Japan and Switzerland.

Suggested readings:

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

नितीय प्रश्न—प्रश्न: भारतीय राजनीतिक व्यवस्था

खण्डःक

भारत में राष्ट्रीय आंदोलन—भारत में राजनीति का उद्यम, भारतीय राष्ट्रीय कांग्रेस एवं मुसलमान लीग की स्थापना, उदारवादी और उपवादी, गांधी व राष्ट्रीय आंदोलन, भारत में संविदासिक विकास—भारत में शासन अधिनियम, 1919 (उद्ध शासन के विषयं। संदर्भ में), भारत शासन अधिनियम, 1935 (प्रातिव व्यवस्था के विषयं संदर्भ में), संविदास निर्माण समा।

खण्डःख

संविदास की प्रस्तावना, संविदास व्यवस्था, नौलिक अधिकार, राज्य नीति के निदेशक तत्त्व, संविदास कार्यपालिका: राष्ट्रपति, प्रधानमंत्री व मंत्रीपरिषद्, संविदास संसद, उच्चतम न्यायालय व न्यायिक पनसालाम, न्यायिक संस्थान, जनशील शासक, संविदास परामर्शालय की प्रक्रिया, संघ—राज्य संबंध, संविदासवाद एवं विधिक आयोग—निर्वाचन आयोग, संध्या तक सेवा आयोग, राष्ट्रीय नानाविकार आयोग।

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
Syllabus: B.A. Part-II

खण्ड 'ग'

राज्यों का शासन: राज्य व्यवस्थापिका, राज्य कार्यालयः राज्यपाल, मुख्यमंत्री एवं मंत्री परिषद, कौशिक राज्यों का विशेष दर्जा और उसके प्रभाव, दलीय व्यवस्था, भारत में पंथनिर्धारण की प्रकृति, भारतीय राजनीतिक व्यवस्था के समुख प्रभुक हमलो:-अंतर्राष्ट्रीय, जातिवाद, सामाजिकविभक्ति, नक्सलवाद, आतंकवाद, धर्माचारी राज एवं नए निमित्त, 73 वे एवं 74 वे संविधान सरकारियों की महत्व।

अनुसरित पुस्तकें:-

N.D Palmer : The Indian Political System, Houghton Miffling, Boston, 1971
Basu, D.D : Introduction to Constitution of India
Kashyab, Subash : Our Parliament
Zoya Hasan, E. Sridharan, R.Sudarshan (Editors): India’s Living Constitution, Permanent Black, New Delhi, 2006

राजनीतिक भारत: भारत में राजनीति, ओपे-एंट लॉगेंसिंग, नई दिल्ली, 1972
गोविंद साह: भारतीय राज्य व्यवस्था
के. एल. फोक्सः भारतीय राज्य व्यवस्था
एस. एम. चाईः भारतीय राज्य व्यवस्था
के. के. चन्द्रानंद: भारतीय संविधान
पी. के. चंद्रानंद: भारतीय प्राणिवादी प्रणाली, आदर्श प्रकाशन, वीडिया रस्ता, जयपुर
बाहुल्यक नाथ चौधरी, युवराजशुगर: भारतीय शासन एवं राजनीति, ओपे-एंट, ब्लैकवान, नई दिल्ली, 2011

Paper (II) – Indian Political System

Section – A

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


Section-B

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

Section-C

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

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
Suggested Readings:
N.D Palmer: The Indian Political System, Houghton Miffling, Boston, 1971
R.L. Hardgrave, Jr.: Indian Government and Politics (Harcourt Brance and World, Inc,
New York, 1970)
Basu, D.D : Introduction to Constitution of India
Kashyap, Subash: Our Parliament
Zoya Hasan, E. Sridharan, R.Sudarshan (Editors): India’s Living Constitution, Permanent
Black, New Delhi, 2006
राजनी कोंडली: भारत में राजनीति, ऑरिएंट लॉगमेन्स, नई दिल्ली, 1972
गोविन्द राम: भारतीय राज्य व्यवस्था
बी. एल. फडिया: भारतीय राज्य व्यवस्था
एस. एम. सर्देह: भारतीय राज्य व्यवस्था
बी. के. ब्राह्मण: भारतीय संविधान
पी. ए. श्रीम: भारतीय राजनीतिक प्रणयिक, आदर्श प्रकाशन, चीड़ा राजस्थान, जयपुर
बालूकी नाथ चौधरी: भारतीय शासन एवं राजनीति, ऑरिएंट, व्लेकस्वान, नई दिल्ली, 2011
# 9. Indian Music

**B.A. Part-II 2020**

<table>
<thead>
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<td>Max. Marks 40, Min. Marks 15</td>
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<tr>
<td>Paper - II Theory</td>
<td>3 hrs. duration</td>
<td>Max. Marks 40, Min. Marks 15</td>
</tr>
<tr>
<td>Practical</td>
<td>1 hour per candidate</td>
<td>Max. Marks 120, Min. Marks 43</td>
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</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:**
1. Each theory paper will contain nine questions having three question in each section. Candidates are required to attempt five questions in all selecting at least one question from each section.
2. Candidate must pass separately in each of the theory and practical.
   Candidates must pass separately in each of the paper Theory and Practical wherever prescribed.

**Paper – I Theory: Principles of Indian Music (Vocal)**

**Section –A**

**Paper – I: Theory**

<table>
<thead>
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<td>3 hrs. duration</td>
<td>Max. Marks 40, Min. Marks 15</td>
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(a) Definitions and explanations of the following terms: Ragalap Roopakalaap, Alpatva, Bahutva, Alapti, Avirbhav and Tirobhab Swasthan Niyam & Aadhunik aalap gayan.

(b) Shruti and Swarsthanas according to Bharat and Pt. Bhatkhande.

(c) Placement of Shuddha swaras on the wire of veena according to Pt. Aihobal and Pt. Bhatkhande.

(d) Comparative study of the swaras of North and South Indian Music.

**Section –B**

(a) To write the thekas with dugum, Tigin and Chaugun in of the following talas: Dhamar, Tilwada, Ektal, Chautal, Rupak, Punjabi, Sooltal, Jhumra, Tivra.

(b) Critical and comparative study of the ragas prescribed for practical course: Malkauns, Vrinavani-Sarang, Miyan Malhar, Bahar, Bhairav, Ramkali, Shuddha-Kalyan, Jaijaiwanti, Khamaj.

**Section –C**

(a) Definitions of Various embellishments used in vocal music such as –meend, Gamak, Khata Murki etc.

(b) Notation writing in prescribed ragas.

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Jaipur
(c) Writing Alaps and Tanas in different Ragas.
(d) Recognition of Ragas from given notes and writing of Alaps showing: ‘Nyas’ on some given Swaras.

**Paper – II : Theory : History of Indian Music (Vocal)**

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

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

Candidate must pass separately in each of the theory and practical paper.

**Section – A**

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

**Section – B**

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

**Section – C**

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

**Practical (Vocal)**

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. : I hour per candidates.**

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

(Critical and Comparative study of Ragas & Talas according to syllabus).

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

Vocal Music

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 and mark time on hand and to recognize the following talas when played on tabla-Dhamar, Tilwara, Ektaal, Chaualal, Roopak, Dadra, Punjabi, Sooltal, Jhooma, Tivra and Keharwa.
4. To sing Aroh, Avroh, Pakad and Swar Vistar of the following ragas- Malkauns, Vrindavani-Sarang, Miyan Malhar, Bahar, Bhairav, Ramkali, Shuddha-Kalyan, Jaijaiwanti, Khamaj, Tilak-Kamod.
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) Malkauns (ii) Vrindavani Sarang (iii) Bhairav (iv) Miyan Malhar.
6. With the accompaniment of tabla to sing a fast khayal or Tarana with sufficient Tanas in any four ragas of the following – (i) Khamaj (ii) Bahar (iii) Tilak-Kamod (iv) Ramkali (v) Shuddha Kalyan (vi) Jaijaiwanti.
7. With the accompaniment of tabla or pakhawaj to sing one Dhrupad with Dugun, Chaugun and one Dhamar with Dugun, Chaugun in any two different ragas prescribed under clause-4 but not selected under clause 5 & 6.

Books Recommended:

(1) Kramik Pustak Malika parts 2,3 and 4 Sangeet Karyalaya, Hathras.
(2) Tan Malika parts 2 and 3 (Purvvardh) by Raja Bhaiya Poochhwale, Sangeet Karyalaya, Hathras.
(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) Saral Violin Parichaya by G.N. Goswami, Goswami Printers, Narahi, Lucknow.
(9) A Short survey of the Music of the Northern India by Pt. V.N. Bhatkhande.
(10) Lakshrd ds thou i’”B by S.Rai.
(11) Vadya Shastra by Shri Harish Chandra Srivastava.
(12) Hamare Sangeet Ratna, Sangeet Karyalaya, Hathras.
(13) Sangeet Visharad by Basant.
(14) Comparative study of the Music of the 15th, 16th and 17th Centuries by Pt. V.N. Bhatkhande Sangeet Karyalaya, Hathras.

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
(16) Tan Malika Pt. III (Uttararuddha) by Raja Bhaiya Poochwale.
(18) Origin of Ragas – Bandopadhyaya.
(20) Hindustani Sangeet Paddhati (Shastra) by Pt. Bhatkhande, Parts 1 to 4.
(21) Sangeet Rasmanjari- Pt. Laxman Bhatt Tailang
(22) Sangeet Mani Part-I,II- Maharani Sharma
(23) Sangeet Swarit- Ramakant divedi
(24) Panchashika Sangeet Vimal Manjari- Pt. Laxman Bhatt Tailang

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

B.A. Part-II 2020

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

Teaching Hours

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

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

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

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

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

Paper – I Theory

Principles of Indian Music (Instrumental)

Section –A

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

(a) Definitions and explanations of the following terms: Ragalap Roopakalaap,
    Alpatva, Bahutva, Alapti, Avirbhav and Tirobhav, Swasthan Niyam &
    Aadhunik aalap gayan.

(b) Shruti and Svarasthanas according to Bharat and Pt. Bhatkhande.

(c) Placement of Shuddha swaras on the wire of veena according to Pt. Ahobal
    and Pt. Bhatkhande.

(d) Comparative study of the swaras of North and South Indian Music.

Section –B

(a) To write the thekas with dugun, igun and chaugun in the following talas :
    Dhamar, Tilwada, Ektal, Chaual, Rupak, Punjabi, Sooltal, Jhumra, Tivra.

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Jaipur

**Section - C**

(a) Definitions of Gat, Jhala, Ghaseet, Jod-alap, Jamjama, Krintan, Meend and Gamak.
(b) Notation writing in prescribed ragas.
(c) Writing Alaps and Todas in different Ragas.
(d) Recognition of Ragas from given notes and writing of Alaps showing: ‘Nyas’ on some given Swarans.

**Paper – II : Theory**

**History of Indian Music (Instrumental)**

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

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

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

**Section – A**

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

**Section – B**

(a) Frequencies of the Musical notes.
(b) Classification of Ragas according to Rag-Ragini Paddhati.
(c) Life sketches, contribution and style of the following musicians: Allauddin Khan, Pt. Ravi Shankar, Vilayat Khan, Nikhil Banerjee, Pt. Chatur Lal.

**Section – C**

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

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

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 hour per candidates.

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

(Critical and Comparative study of Ragas & Tala and to sing or play all the Ragas according to syllabus).

Detailed Course:

Vocal Music

1. To 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 and mark time on hand and to recognize the following talas when played on tabla-Dhamar, Tilwara, Ektal, Chautal, Roopak, Dadra, Punjabi, Sooltal, Jhoomra, Tivra and Keharwa.
4. To play Aroh, Avroh, Pakad and Swar Vistar of the following ragas- Malkauns, Vrindavani-Sarang, Miyan Malhar, Bahar, Bhairav, Ramkali, Shuddha-Kalyan, Jaijaivanti, Khamaj, Tilak-Kamod.
5. With the accompaniment of Tabla to play Vilambitgat (विलम्बितगत) and Drutgat (दुर्वगत) with sufficient varieties of Todas and Jhalas, in the following four ragas: Malkauns, Vrindavani-Sarang, Bhairav, Miyan-Malhar.
6. With the accompaniment of Tabla to play Drutgat with tans and Jhalas in any four ragas of the following, (i) Khamaj (ii) Bahar (iii) Tilak-Kamod (iv) Ramkali (v) Shuddha Kalyan (vi) Jaijaivanti.
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 Sangeet Karyalaya, Hathras.
(2) Tan Malika parts 2 and 3 (Purvvardh) by Raja Bhaiya Poochhwale, Sangeet Karyalaya, Hathras.
(3) Tan Sangrah by S.N. Ratanjankar.
(4) Sitar Marg by S. Bandopadhayaya.
(5) Sitar Shiksha by B.N. Bhatt.
(6) Sitar Parts 1 to 3 by B.N. Bhimpure.
(7) Saral Violin Parichaya by G.N. Goswami, Goswami Printers, Narahi, Lucknow.
(9) A Short survey of the Music of the Northern India by Pt. V.N. Bhatkhande.
(10) Lakshmr ds thou i"B by S.Rai.
(11) Vadya Shastra by Shri Harish Chandra Srivastava.
(12) Hamare Sangeet Ratna, Sangeet Karyalaya, Hathras.
(13) Sangeet Visharad by Basant.
(14) Comparative study of the Music of the 15th, 16th and 17th Centuries by Pt. V.N. Bhatkhande Sangeet Karyalaya, Hathras.
(16) Tan Malika Pt. III (Uttararaddha) by Raja Bhaiya Poochwale.
(18) Origin of Ragas – Bandopaddhyaya.
(20) Hindustani Sangeet Paddhati (Shastra) by Pt. Bhatkhande, Parts 1 to 4.
(21) Sangeet Rasmanjari- Pt. Laxman Bhatt Tailang
(22) Sangeet Mani Part-I,II- Maharani Sharma
(23) Sangeet Swarit- Ramakant divedi
(24) Panchashika Sangeet Vimal Manjari- Pt. Laxman Bhatt Tailang
UNIVERSITY OF RAJASTHAN

Subject - Public Administration

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<tr>
<td>Paper – I</td>
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<td>72</td>
<td>3 Hrs.</td>
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<tr>
<td>Paper – II</td>
<td>100</td>
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Note: Each Paper shall consist of two parts.

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

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


Ilabus

Paper-I: Administrative Institutions in India

Section - A

Administrative Institutions in a Democratic and Socialist Society. The concepts of Loissez Faire, Welfare State and Administrative etc.

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

Section - B

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

Organization and administrative working of Finance Commission, Planning Commission of India and the National Development Council, Election Commission and the administration of elections in India.

Section - C

Organization and working of following Administrative Institutions


Books Recommended:

A. Core Books:
1. Waldo : Administrative State
2. Field : Government in Modern Society
3. Paranjape : Planning Commission
5. विभाजन खेत्र एवं अंतर सिद्धांत राजनीतिक संस्थाएँ
6. Dr. H.C. Sharma : Prashnak Sansthan.
7. Report of Finance Commission of India
8. M.G. Gupta : Modern Government

B. Books for Reference:
1. Garbin : Systematic Politics
2. Salt : Political Institution A Preface

C. Journal:
1. Indian Journal of Public Administration, New Delhi
प्रथम खण्ड
प्राचीन तथा समाजवादी समाज में प्रशासनिक संस्थाएँ, अहसारक्षेपत्री राज्य, कल्याणकाली राज्य तथा प्राचीनकाली राज्य की अवधारणाएँ, सत्कार क्र. संगठन व्यवस्थापिका—इसकी भूमिका तथा आधुनिक समय में इसके हस्त के कारण: कार्यरत अनुसंधान कार्य तथा व्यवस्थापिका से समाप्त: नामांकन: कार्य तथा भूमिका-व्याख्यान प्रस्तुति की शास्त्री के विषय संदर्भ में, न्यायिक संक्रियाएँ।

द्वितीय खण्ड
हस्तक्षेप तथा प्रशासन, लोकतांत्रिक प्रशासन के लक्षण, नैतिकता की भूमिका।
राजनीतिक दलन तथा दर्शन समूह तथा इसकी पारंपरिक अनुसंधान, भारत में विश्व आयोग, आयोग संघ-संस्था विकास प्रभाव की संगठन व प्रशासनिक विश्व आयोग तथा भारत में विश्व आयोग का प्रशासन।

तृतीय खण्ड
निर्माणक श्रेष्ठता संस्थाओं का संगठन तथा वर्तमान प्रगति: 1. विश्वविद्यालय अनुदान आयोग 2. संघ लोक सेवा आयोग 3. रेलवे बोर्ड 4. भारतीय रेलवे, बैंक, केंद्रीय समाज कल्याण बोर्ड।
अनुसंधान पुस्तकें
(अ) मुख्य पुस्तकें:
1. लादो : एडिनबर्ग एडिनबर्ग 2. ग्रेट ग्रेट इंग्लश इंग्लश ग्रेट 3. बैंक बैंक क्यालसन 4. आई और अन्य आई और अन्य आई

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JAIPUR
5. विवादांत स्वाभाविक एवं आदत सिद्धि: प्रशासनिक संस्थाएँ
6. डा. एव. ए. शर्मा: प्रशासनिक संस्थाएँ
7. शहीदुर रॉफ़ पांडेया कानपुरा अफ़ इंडिया
8. एम.जी. गुप्ता: पांडेया गवर्नर

(ब) संगठन अंदाज़ें:
1. गवर्नर: सिस्टेमेटिक पालिका
2. सल्तन: पॉलिटिकल इंडियान: ए प्रोफेस

(स) प्रशिक्षण:
1. इंडियन जर्नल ऑफ़ पुलिस एडमिनिस्ट्रेशन, नई दिल्ली।

Paper-II: State Administration in India

Section - A

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

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

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

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

Section - B

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

(a) Revenue Board
(b) Rajasthan State Electricity Companies
(c) Directorate of Agriculture
(d) Directorate of Education.

Section - C

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

District Administration: Organization of District Administration. District Collector: Functions and Position.
Revenue Administration at the District and below level, the role of S.D.O., Tehsildar and Patwaris.

Books Recommended:

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

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

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

पाठ्यक्रम:

द्वितीय प्रश्न पत्र: भारत में राज्य प्रशासन प्रश्नमाला खण्ड

भारत में राज्य प्रशासन की तत्त्वात्मक विश्लेषण, राजस्थान के निरोप अंगरे जी, भारतीय

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JAIPUR

[Signature]
उपर्युक्त प्रशासन की सामग्री पृष्ठभूमि। उपर्युक्त : कार्य, संस्थान तथा राज्य प्रशासन में भूमिका, निपटार्थसेवा से संबंध। मुख्यसंबंधित : शास्त्रीय, कार्य, भूमिका तथा इस पद का महत्व उपर्युक्त संबंधित से संबंध।

राज्य सरकार का संगठन, राजस्थान में गृह, स्वतंत्रता व विभाग का संगठन तथा कार्यप्रणाली, मुख्य सचिव : राज्य प्रशासन में इसकी भूमिका तथा महत्व।

द्वितीय खण्ड

उपर्युक्त में निर्माणित मंडलों, कम्पनियों तथा निर्देशालयों का संगठन एवं कार्यप्रणाली:

(अ) राजस्थान मंडल
(ब) राजस्थान राज्य विश्वविद्यालय कम्पनियाँ
(व) कृषि निदेशालय
(घ) शिक्षा निदेशालय

तृतीय खण्ड

राजस्थानीय प्रशासन : राजस्थान राज्य में लोक सेवाओं (आर.ए.एस., आर.पी.एस. इत्यादि) की भूमिका, राजस्थान लोक सेवा आयोग का संगठन तथा कार्यप्रणाली, राज्य लोक सेवाओं का प्रशिक्षण, राजस्थान में राज्य प्रशिक्षण संस्थानों का संगठन एवं कार्य; राजस्थान स्विफ्ट सेवा आयोग न्यायाधीशक कर्मचारी प्रशासन, जिला प्रशासन का संगठन, जिलाधीश—कार्य तथा पद्धति, जिला एवं अधीनस्त स्तरीय राजस्थान प्रशासन;
एस.डी.ओ., तहसीलदार तथा पटनारी की भूमिका।

अनुसंशित पुस्तकें:

(अ) पुरुष पुस्तकें—

1. एस.आर. पादेश्वर : इंडियन एडमिनिस्ट्रेशन
2. एस.एस. धर : डिप्टीएस्ट एडमिनिस्ट्रेशन इन इंडिया
3. एस.डी. पण्डित : इंडियन कॉलेज्यूकेशन : (हिंदी संस्करण भी)
4. ए.एस.सी. : रिपोर्ट ऑफ़ स्टेट एडमिनिस्ट्रेशन
5. ए. जबीर एवं गुप्ता : उत्तर प्रदेश सरकार का संगठन
6. डा. एच.सी. शर्मा : भारत में राज्य प्रशासन
7. डा. ती.एस. सिंह एवं अन्तर्गत : राजस्थान में राज्य प्रशासन
8. सेहन के., असोडा एवं गोयता चुनाँव : राज्य प्रशासन
9. सुप्रीम कटारिया : राज्य प्रशासन

(ब) संचालन पुस्तकें:

1. डी.ची. श्रीमती : रीव्यू इन इंडियन एडमिनिस्ट्रेशन
2. एस.एल. भर्म : रेड-व्यू बोर्ड इन राजस्थान

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University of Rajasthan

1. इडियन जनरल ऑफ पब्लिक एडमिनिस्ट्रेशन (नई दिल्ली)
2. प्रशासनिका : एजु.सी.एम. रीता, जयपुर
3. मैनेजमेंट इन गवर्नमेंट, दिल्ली

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11. Drawing & Painting

B.A. Part-II 2020

SCHEME:

<table>
<thead>
<tr>
<th>Theory Paper I:</th>
<th>Duration</th>
<th>M.M.</th>
<th>Min. Pass Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>History of Indian Painting &amp; Sculpture</td>
<td>3 hrs.</td>
<td>90</td>
<td>32²/²</td>
</tr>
<tr>
<td>Practical Paper II</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Part A- Study from Bust (Portrait)</td>
<td>3 hrs.</td>
<td>45</td>
<td>32²/²</td>
</tr>
<tr>
<td>Part B-Creative (Rendering)</td>
<td>3 hrs.</td>
<td>45</td>
<td></td>
</tr>
<tr>
<td>Submission of Practical Works</td>
<td></td>
<td>20</td>
<td>07</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>200</strong></td>
<td><strong>72</strong></td>
<td></td>
</tr>
</tbody>
</table>

Paper I : History of Indian Painting and Sculpture

*Note:* The paper consist of two parts:

Part –I: Carries 30 marks and consist of 15 short type questions of 2 marks each.

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

**Section – A**

Prehistoric Rock Paintings, Art of Indus Valley Civilization, Jogimara, Ajanta, Bagh, Sigiriya Caves Paintings.

Pal and Apbhransh Painting.

Rajasthani School – Mewar, Kishangarh, Jaipur and Bundi style of painting.

Pahari School – Basohali and Kangra style of Painting.

**Section – B**

Company School

Raja Ravi Varma, Bengal School – Abnindranath Tagore, Nandlal Bose

Other Indian Artist – Yamini Roy, Rabindranath Tagore and Amrita Shergil

**Section – C**

History of Indian Sculpture – Maurya Period – Ashoka Pillars, Yakshni of Didarganj and Yaksh Murtisip.

Sunga Period – Sanchi

Kushan Period, Gandhara and Mathura Sculpture.

Sculptures of Gupta Period.

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\[\text{Signature}\]
Books Recommended:

2. History of Fine Arts in India & Ceylon - Vincent A. Smith (edited by K. Khomolalwala), Bombay, 1930
4. Indian Painting - Percy Brown. Calcutta, 1918
5. Survey of Indian Sculpture - S.K. Saraswati, Calcutta, 1657
7. भारतीय मूर्तिकला - राय कृष्ण दास, नागरी प्रयासिनि समा, कांशी
10. Fundamental of Indian Arts - S. Das Gupta.
11. भारतीय चित्रकला का संक्षिप्त इतिहास - शर्मा, लोकेश चन्द्र, कृष्ण प्रकाशन मीडिया (प्र.लि.)

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

Medium – Water/ Oil Colour
Duration : 4 hrs.
Size ½ Imperial
Max. Marks : 45

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

Part – B : Creative Portrait (Rendering)

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

Medium – Any Medium
Duration : 2 hrs.
Size ½ Imperial
Max. Marks : 45

Books Recommended:

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

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

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Jaipur
Submission of Practical work:

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

Instruction for submission:

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

Note:

(a) Candidate should pass in theory as well as in practical paper separately.
(b) There should be minimum 10 hours for the regular study including two hours for sketching.
(c) Minimum three demonstrations should be arranged by the subject expert during the session for each practical paper.
(d) The Department should also arrange for an Educational tour to Ancient Art centres like Ajanta, Ellora, Elephanta, 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.

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Jaipur
12. Sociology

B.A. Part-II 2020

Scheme:

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

नोट: समाजशास्त्र के दो प्रश्न-पत्र होंगे। प्रत्येक प्रश्न-पत्र 3 घण्टों में विभाजित होगा। प्रत्येक प्रश्न-पत्र के दो भाग होंगे। प्रथम भाग 40 अंकों का होगा। इस भाग में दो अनिवार्य प्रश्न होंगे। 20 अंकों के से प्रथम भाग में, एक-एक अंक के 20 लघु प्रश्न होंगे तथा प्रत्येक प्रश्न का उत्तर परीक्षार्थी को अविकल्त 20 सवाल में देना होगा। दूसरे अनिवार्य प्रश्न के अंतर्गत दो-दो अंकों के 10 प्रश्न होंगे। प्रत्येक प्रश्न का उत्तर परीक्षार्थी को अविकल्त 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 घण्टों की अवधि में से अविकल्त 1 घंटे की अवधि प्रश्न-पत्र के इस भाग के लिए निर्धारित होगी।

प्रश्न-पत्र के इंडिस्थान भाग के दोनों प्रश्न, 3 घण्टों में विभाजित पाद्यक्रम के तीनों खण्डों से संबंधित होंगे। अर्थात् प्रश्न-पत्र के इंडिस्थान भाग में पूरे पाद्यक्रम से संबंधित प्रश्न होंगे।

प्रश्न-पत्र के द्वितीय भाग में, पाद्यक्रम के तीनों खण्डों में से प्रत्येक में से दो-दो निर्धारित प्रकृति के प्रश्न होंगे। परीक्षार्थियों को प्रत्येक खण्ड में से कम से कम एक प्रश्न का उत्तर देना हुआ। कुल 3 प्रश्न होंगे। प्रत्येक प्रश्न 20 अंकों का होगा। प्रश्न-पत्र का यह भाग 60 अंकों का होगा।

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

Part-II of the question paper shall be divided into three sections comprising 6 essay type questions of 20 marks each. Candidates will be required to attempt 3 questions selecting one question from each section. This part of the question paper shall be of 60 marks.
Unit 1: Understanding Social Research
- Philosophy of Science
- Nature of Science
- Scientific Method
- Issues of objectively & Subjectivity in Social Science
- Ethnography and Sociological Research

Unit 2: Methods of Research in Sociological Enquiry
- Types of Research: Pure & Applied
- Types of Sociological Method: Empirical, Historical, Evolutionary, Comparative
- Types of Research Design: Descriptive, Exploratory, Explanatory, Experimental
- Difference between Survey & Research

Unit 3: Tools and Techniques of Data Collection and Analysis
- Sampling Procedure: Types, Probability Non-Probability
- Tools of Data Collection: Observation, Questionnaire, Schedule, Interview Guide
- Source of Data: Primary and Secondary
- Nature of Central Tendency: Mean, Median, Mode.

Essential Readings: (in English):
1. Ahuja, Ram. 2002: Research Methods, Jaipur: Rawat Publications

Essential Readings: (in Hindi):
1. राजसल, हरिकृष्ण, 2013: सामाजिक शोध की विधियाँ, जयपुर: सरस प्रकाशन
2. राम, विराट युवाक, 2009: सामाजिक अनुसंधान के तरीफ एवं पद्धतियाँ, जयपुर: पंकज युवाक
3. नागर, कैलास नाथ, 2010, साहित्यिक के मूल तत्त्व, नेपाल: मौजूदा प्रकाशन
Paper II: Sociology of Village

Max Marks: 100

Unit 1: Introduction to Rural Sociology
- Concept of Rural Sociology & its Development
- Basic Concepts: Village, Peasant Society, Agrarian Structure, Little, Great & Multiple traditions, Rural-Urban Continuum
- Features of Economy & Polity in relation to village

Unit 2: Social Structure of Village
- Family, Caste, Kinship and Gender
- Religion and Village Life
- Formal and Informal Administrative Structures: Village Panchayats, Caste Panchayat

Unit 3: Change in Indian Village Structure
- Agrarian Distress in Villages: Suicide, Indebtedness, Poverty
- Agrarian Movement in India
- Impact of Urbanization & Globalization in Village Systems

Essential Readings: (in English):

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13. Home Science

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.

<table>
<thead>
<tr>
<th>Paper</th>
<th>Subjects</th>
<th>Duration of exam</th>
<th>Maximum marks</th>
<th>Minimum marks</th>
<th>No. of hrs/wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theory Paper III</td>
<td>Human Development</td>
<td>3hrs</td>
<td>50</td>
<td>18</td>
<td>2</td>
</tr>
<tr>
<td>Practical III</td>
<td>Human Development</td>
<td>3hrs</td>
<td>50</td>
<td>18</td>
<td>2</td>
</tr>
<tr>
<td>Theory Paper IV</td>
<td>Textiles and Clothing</td>
<td>3hrs</td>
<td>50</td>
<td>18</td>
<td>4</td>
</tr>
<tr>
<td>Practical IV</td>
<td>Textiles and Clothing</td>
<td>3hrs</td>
<td>50</td>
<td>18</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>Duration</strong></td>
<td><strong>200</strong></td>
<td><strong>72</strong></td>
<td><strong>12</strong></td>
</tr>
</tbody>
</table>

B.A. PART-II

HUMAN DEVELOPMENT (THEORY PAPER III)
Maximum Marks: 50
Minimum marks: 18
Teaching workload: 4 hrs /week
Total teaching workload: 96

Human Development and Family Studies is concerned with the study of the human lifespan from conception and onwards. In this program students would study various stages of life; prenatal, Infancy, childhood, adolescence, adulthood and ageing. There is a special reference to ECCE, developmental disorders, family relationships and its dynamics. This program covers the biological and environmental, psychological and social factors that are understood to explain patterns of human behavior over the lifespan.

The program helps in understanding how people develop throughout their lives, and how Heredity and Environment can influence possibilities for individuals. This is important and useful knowledge for everyone.

Basic knowledge of Human Development is an important background for those wishing to go into professions such as social work, nursing and teaching. There is a need for more research in the context of family and lifespan development in our country, and we are looking for students.

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University of Rajasthan
Jaipur
with vision and innovative ideas to join us in innovative studies when they reach postgraduate level.

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

<table>
<thead>
<tr>
<th>Contents</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>UNIT I</strong></td>
<td></td>
</tr>
<tr>
<td>- Definition and scope of Human Development as a field of study.</td>
<td>6</td>
</tr>
<tr>
<td>- Principles of development</td>
<td>4</td>
</tr>
<tr>
<td>- Role of Heredity and environment and learning and maturation in development.</td>
<td>4</td>
</tr>
<tr>
<td>- Factors affecting development</td>
<td>6</td>
</tr>
<tr>
<td><strong>UNIT II</strong></td>
<td></td>
</tr>
<tr>
<td>Development from conception to adolescence:</td>
<td></td>
</tr>
<tr>
<td>- Physical development</td>
<td>6</td>
</tr>
<tr>
<td>- Motor development</td>
<td>5</td>
</tr>
<tr>
<td>- Socio-emotional development</td>
<td>8</td>
</tr>
<tr>
<td>- Language and cognitive development</td>
<td>8</td>
</tr>
<tr>
<td><strong>UNIT III</strong></td>
<td></td>
</tr>
<tr>
<td>- Importance and objectives of early childhood education; impact of deprivation and early stimulation</td>
<td>8</td>
</tr>
<tr>
<td>- Definitions, functions and types of families; changing roles and challenges faced by Indian Families</td>
<td>8</td>
</tr>
<tr>
<td>- Understanding differently abled children; definitions, meaning and classification</td>
<td>10</td>
</tr>
<tr>
<td>- Major development tasks, achievements and problems of adulthood and aging. Need for care and support for aging individuals.</td>
<td>10</td>
</tr>
</tbody>
</table>

**References:**

**HUMAN DEVELOPMENT – PRACTICAL III**

Maximum marks: 50

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
Minimum marks: 18
Teaching workload: 1 practical/week (2 hours/practical)
Total teaching workload: 24 practicals/batch

Learning Outcomes
Students will gain insight into the growth patterns, developmental characteristics and activities of children in a practical situation. They will also learn to understand significant issues related to adolescents, adults and ageing people.

Objectives:
1. Students will gain insight into the growth patterns, developmental characteristics and activities of children in a practical situation.
2. They will also learn to understand significant issues related to adolescents, adults and ageing people.

Contents

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

Examination scheme:

1. Major problem - 20 Marks
   Planning and preparation of various activities to enhance overall development. Preparation of interview schedule of feeding for interviewing’s mothers of infants. Organizing and conducting play.

2. Minor Problem – 10 Marks
   FGD
   Preparation of a brief questionnaire to identify problems of ageing peoples. Plotting of graph on the basis of anthropometric measurements of children from 02-06 years and its interpretations

3. Internal – 20 Marks

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TEXTILES & CLOTHING (THEORY PAPER IV)

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

Learning outcome:
After completing the course the student will possess the basic knowledge of different processes involved from the raw material to the finished textiles, along with the properties and use which will further help them in the selection of clothes. Knowledge of technical textiles helps in broadening their vision as usage of textiles is not only limited to apparel wear. The course helps the students in selection of apparel for themselves and others. With the backing of knowledge of design principles and elements, a base is prepared for the subject and arouses the interest to further pursue in the area. The students also become aware of the rich traditional heritage of Indian textiles.
After finishing the course the students will have the basic knowledge in the area of textiles and clothing and will be able to identify her own specialization in the field.

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

<table>
<thead>
<tr>
<th>Contents</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit – I Textile Study</td>
<td></td>
</tr>
<tr>
<td>1. Fiber</td>
<td>15</td>
</tr>
<tr>
<td>• Classification</td>
<td></td>
</tr>
<tr>
<td>• Properties and their importance to the consumer with special reference to the care.</td>
<td></td>
</tr>
<tr>
<td>• Natural Fibers</td>
<td></td>
</tr>
<tr>
<td>(a) Cotton</td>
<td></td>
</tr>
<tr>
<td>(b) Wool</td>
<td></td>
</tr>
<tr>
<td>(c) Silk</td>
<td></td>
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<tr>
<td>(d) Jute</td>
<td></td>
</tr>
<tr>
<td>• Mannmade Fibers</td>
<td></td>
</tr>
<tr>
<td>(a) Polyester</td>
<td></td>
</tr>
<tr>
<td>(b) Polyamide</td>
<td></td>
</tr>
<tr>
<td>(c) Rayon</td>
<td></td>
</tr>
<tr>
<td>2. Yarn</td>
<td>3</td>
</tr>
<tr>
<td>• Simple Yarn</td>
<td></td>
</tr>
<tr>
<td>• Novelty yarn</td>
<td></td>
</tr>
</tbody>
</table>

Dy. Registrar (Academic-I)
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Jaipur
3. Fabric: Different construction methods:
   - Weaving
   - Parts of loom
   - Steps in weaving
   - Types of weaves: Plain, Twill, Satin
   - Knitting
   - Felting
   - Lacing
   - Braiding

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

Unit II
Apparel Selection and Care

5. Finishing
   **Basic Finishes**
   - Bleaching
   - Sizing
   - Desizing
   - Singeing
   - Tentering
   **Functional finishes**
   - Wash and wear
   - Mercerising
   - Sanforizing
   - Flame retardant
   - Water resistant
   - Moth proofing

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

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

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\[\text{Signature}\]
8. Climate, occasion, occupation, fashion, figure
9. Clothing for people with special needs: maternity and lactation, old age and physically challenged.
10. Selection of readymade garments
   - Appearance—Size, design, line and colours,
   - Fabric—Durability, ease of care
   - Workmanship—Cutting, sewing and finishing
   - Cost & Fitting
11. Labelling
   - Textile fiber symbols
   - Care labelling symbols
12. Care and storage of
   - Cotton
   - Silk
   - Wool

Unit – III
Designing & Traditional Textiles

14. Principle of design—Proportion, Harmony, Balance and Emphasis
15. Traditional textile
   - Woven: Brocade
   - Printed: Sanganer, Bagru, Kalamkari
   - Dyed: Bandhani, Patola
   - Embroidered: Kasuti, Kantha, Phulkari, Chikankari, Kutch

References:

TEXTILES AND CLOTHING (PRACTICAL IV)
Maximum marks: 50
Minimum marks: 18
Teaching workload: 1 practical/week (2 hours/ practical)
Total teaching workload: 24 practical/batch

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**Course Outcome:** The beneficiary of the course will be equipped to differentiate between different types of fabrics. They will be able to master the art of garment construction as they will have hands on experience in all basic seams, finishing of edges in form of hems and curves and fullness techniques. They will also be able to do surface ornamentation with embroidery and tie and dye.

**Objectives**

<table>
<thead>
<tr>
<th>Contents</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>Textiles</td>
<td></td>
</tr>
<tr>
<td>Make a Scrap book of the following</td>
<td></td>
</tr>
<tr>
<td>1. Fiber samples</td>
<td></td>
</tr>
<tr>
<td>• Cotton fiber from - (Muslin, 2x2 Rubia , 2x1 poplin, Khadi)</td>
<td>5</td>
</tr>
<tr>
<td>• Silk fiber from -(Georgette, Chiffon, Crepe, Tussar, Mulberry,)</td>
<td></td>
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<tr>
<td>• Wool fiber from - Felt (wool)</td>
<td></td>
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<tr>
<td>• Jute fibre from Gunny Bags &amp; Ropes</td>
<td></td>
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<tr>
<td>• Nylon fibre from Plastic Cord</td>
<td></td>
</tr>
<tr>
<td>• Polyester fibre from Sewing Thread</td>
<td></td>
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<tr>
<td>• Rayon fibre from Artificial Silk Dupatta</td>
<td></td>
</tr>
<tr>
<td>2. Yarn : Ply, textured and metallic yarn</td>
<td></td>
</tr>
<tr>
<td>3. Fabric Samples: Woven, Knitted and Non woven - Felt (wool)</td>
<td></td>
</tr>
<tr>
<td>4. Collection of care labels washing, ironing, dry-cleaning, bleaching</td>
<td>10</td>
</tr>
<tr>
<td>5. Fiber symbols (cotton, wool, silk)</td>
<td></td>
</tr>
<tr>
<td>6. Technical textiles : Bandages &amp; Scotch Brite</td>
<td></td>
</tr>
</tbody>
</table>

**Clothing**

7. Clothing techniques (sample of each)
   • Simple stitches – hemming and tacking
   • Seam – plain, French and run and fell
   • Dart – straight and curve
   • Tucks – Pin tucks
   • Pleat – knife, box
   • Gathers – simple gathers
   • Finishing of curve – piping and facing
   • Placket opening – continuous wrap & two piece placket
   • ix Garment construction - ‘A’ line frock with any sleeve and Collar
   • x Embroider the frock using few basic stitches
8. Tie & dye prepare two sample through any 2 techniques
9. Product design – construction of any one product
   • Two cushion covers
   • Shoulder Bag with any fastener
   • Pouch with zip

**Examination scheme**

**Major problem – 20marks**

Construct any one garment
Drafting and cutting of a garment -
Stitching and finishing of a garment -

**Minor Problem** – 10 marks
Identification of textile yarn / fabrics –
Tie and dye one sample using two colours and two different techniques / two samples of any clothing techniques -

**Internal** - 20 marks
14. Textile Craft

B.A. Part-II 2020

SCHEME : B.A/B.Com PART-II

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

Paper-I : Weaving Theory-I

UNIT-I

Yarn numbering system –Indirect (cotton, metric, woollen and worsted count) and Direct (Tex and Denier)

Yarn Twist and their types, Balance of fabric

Methods of fabric construction: Braiding & Lacing, knitting, felting and weaving

UNIT-II

Types of loom- Shuttle & Shuttle less; introduction to shuttleless looms- airjet, waterjet, projectile and rapier loom

Preparation of Warp and Weft for weaving

Draft, Peg plan, Weave, Repeat, Design

UNIT-III

Derivatives of Plain weave- Rib and Basket

Derivative of twill weave- Regular, Irregular, Left hand, Right hand, Pointed and curved twill

Fabric defects, Selvedge, Types of Selvedge's

Paper-II: Dyeing Theory –I

UNIT-I

Difference between dyeing and printing

Mechanical finishes- basic process of beating, singeing, napping, calendaring and embossing.

UNIT-II

Stages of Dyeing (fibre, yarn & fabric)

Wool dyeing and silk dyeing

Dyeing machines- Jigger and Winch dyeing machine

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Jaipur

Signature
UNIT-III

Steps of printing- preparation of cloth & colour
Methods of Direct printing- Block & Roller printing
Thickeners and types of thickeners

Practical (Paper-I)
1. Thread count and Balance of the cloth
2. Weave samples of derivatives of plain and twill weave

Practical (Paper-II)
1. Introduction to motif, repeat and layout
2. Block printing- samples preparation
3. Batik-spot, crack, scratch and painting (samples)

Submission (Paper-I)
1. Assessment of samples
2. Preparation of weave samples

Submission (Paper-II)
1. Any one article using block
2. Any one article using batik

Examination Scheme:
One Major Problem: 20 Marks
One Minor Problem: 15 Marks

Reference books:
Kulkarni, M.M., Weaving technology, Virindra publication, Jalgon

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


Reference Books:

Paper – III: Numerical Analysis and Vector Calculus

Teaching : 3 Hours per Week
Duration of Examination : 3 Hours Max. Marks: 

- 40 (Science)
- 54 (Arts)

Note: (i) 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.

(ii) Non-Programmable Scientific Calculators are allowed.


Unit 3: Relation between the roots and coefficients of general polynomial equation in one variable, transformation of equations, Descarte’s rule of signs, solution of cubic equations by Cardon’s method, biquadratic equations by Ferari’s method. Numerical solution of Algebraic and Transcendental equations, Bisection method, Secant method, Regula-Falsi method, Iteration method, Newton- Raphson Method (derivation of formulae and rate of convergence only).

Unit 4: Gaus elimination and Iterative methods (Jacobi and Gauss Seidal) for solving system of linear algebraic equations. Partial Pivoting method, ill conditioned systems, Numerical solutions of ordinary differential equations of first order with initial condition using Picard’s, Euler and modified Euler’s method.

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OBJECTIVES:

1. To Develop Sensitivity & Understanding towards Historical World Costumes.
2. To Focus on Design Elements & Principles and their Details on Garments.
3. To Create Awareness About the Techniques of Pattern Making & Principle of Fittings.

SECTION -A

TRADITIONAL COSTUMES

1. Study of traditional costumes of various regions of India.
2. History of costumes of Indian civilization.
3. Brief knowledge of world costumes; French, German, Greek, European

SECTION -B

TECHNIQUES IN PATTERN MAKING

5. Pattern making techniques- drafting, draping, flat pattern.
6. Colour and colour schemes, psychological effects of colour on clothes.
7. Fitting – principles of fitting, factors to be considered while fitting, common fitting problems, remedying fitting defects of bodice, sleeves, and skirts.

SECTION – C

DESIGN

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

References:


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THEORY PAPER – II
ELEMENTS OF MARKETING AND FINANCE
B.A./B.Com.-Maximum Marks 40
B.Sc. – Maximum Marks 50

Hrs. – 3

OBJECTIVES:
1. To create awareness about the procedures to select, proceed & start the Small Scale Industry.
2. To guide the process of product development according to the market needs.
3. To become familiar with the methods of payment in foreign trades & about types or bills.

SECTION A
1. Market structure- Types of market, market survey, elements of cost.
2. History of readymade garment industry, Problem and prospects in global market.
4. Types of garments exported.

SECTION B
5. Elementary knowledge of working capital factors affecting working capital, operating cycle.
6. Sources of finance.
7. Letter of credit
8. Methods of payment in foreign trade
10. Insurance

SECTION C

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

References:
1. Srivastav, & Aggarwal. (). Vipdan prabandh.
3. Satya narayan; Sales management.

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B.Sc./B.A/B.Com/ PART -II

PRACTICAL - I

APPAREL DESIGNING

B.A/B.Com.–Maxmium Marks 60
B.Sc. – Maxmium Marks 25

Hrs.- 4

OBJECTIVES:

To familiarize with basics of color
To develop expertise in drawing croquis and draping dresses on them.

Contents:

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

Examination Scheme :

B.A./B.COM:-Max Marks:-60  B.SC:-Max Marks:-25
1. Major Problems:-30  1. Major Problem:-10
Internal:-10 Internal:-5

PRACTICAL – II

CLOTHING CONSTRUCTION

B.A./B.Com.–Maxmium Marks 60
B.Sc. – Maxmium Marks - 25

Hrs- 4

OBJECTIVES:

1. To be able to make basic drafts of bodice, sleeve and collar.
2. To learn the knowhow of stitching and all basic processes and ornamentation techniques.

Contents:

1. Pattern making
   1. Child basic block and sleeve block.
   2. Sleeve variations; slash and spread method-puff, bell, legomutton, bishops sleeves.
   3. Sleeve bodice combination; Magyar, raglan, dolman sleeves.
   4. Different types of collars.
   5. Different types of yokes.

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

3. Fashion designing (5 each) on sheet baby frocks, a line frocks, rompers, sun suits skirts and tops, bush-shirts with shorts.

4. Redesigning of old garment using the idea such as; to consider factors such as money, creativity, individuality, skills, needs,
   (i) Patchwork
   (ii) Ornamental fabric.
   (iii) Decorative embroideries
   (iv) Trims
   (v) Paints and dyes
   (vi) Introduction of fashion designing in fashion shows.

5. Introduction fashion designing in fashion shows.

References:


Examination Scheme:

<table>
<thead>
<tr>
<th>B.A./B.Com.-Max Marks:-60</th>
<th>B.Sc.-Max Marks:-25</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Major Problems:-30</td>
<td>1. Major Problem:-10</td>
</tr>
<tr>
<td>Internal:-10</td>
<td>Internal:-5</td>
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</tbody>
</table>

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Jaipur
16. INVESTIGATIVE BIO-TECHNOLOGY

Scheme:     Min. Pass Marks     Max. Marks
Paper-I     40                      
Paper-II    40                      
Paper-III   40                      
Practical   120                     

Paper-I: Bio Chemistry and Systemic Bacteriology

Section - A

Bio-Chemistry II

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

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MPUR
18. Studies (Urinary and Gallbladder)
19. Feces Pigments
20. Drugs and Poisons, Alcohol

Section - B

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

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

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

Section – B

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

Practical
(75×3 periods)
Max. Marks 120

Unit-I

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

Unit-II

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

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

Unit 3: Properties of derivable functions, Darboux’s and Rolle’s theorem. Notion of limit, continuity and differentiability for functions of several variables. The directional derivative, the total derivative, expression of total derivative in terms of partial derivatives.


Unit 5: Sequence and series of functions – Pointwise and Uniform convergence, Cauchy’s criterion, Weierstrass M-test, Abel’s test, Dirichlet’s test for uniform convergence of series of functions, Uniform convergence and Continuity of series of functions, Term by term differentiation and integration.

Reference Books:
3. Charles G. Denlinger, Elements of Real Analysis, Jones and Bartlett (Student Edition), 2011.

Paper – II: Differential Equations

Teaching: 3 Hours per Week
Duration of Examination: 3 Hours Max. Marks: 40 (Science) 53 (Arts)

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

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

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

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
C. **Cyto\%%l and Histology**:

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

Practical - Bases on Theory syllabus - Max. marks 50
Teaching: 3 Hours per Week per Theory Paper.
2 Hours per Week per Batch for Practical

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>
<tr>
<td>Paper – I</td>
<td>Duration</td>
</tr>
<tr>
<td>Real Analysis</td>
<td>3 hrs.</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Paper – II</td>
<td>Duration</td>
</tr>
<tr>
<td>Differential Equations</td>
<td>3 hrs.</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Paper – III</td>
<td>Duration</td>
</tr>
<tr>
<td>Numerical Analysis</td>
<td>3 hrs.</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Practical</td>
<td>Duration</td>
</tr>
<tr>
<td></td>
<td>2 hrs.</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note:
1. Common paper will be set for both the Faculties of Social Science and Science. However, the marks obtained by the candidate in the case of Faculty of Social Science will be converted according to the ratio of the maximum marks of the papers in the two Faculties.
2. Each candidate is required to appear in the Practical examination to be conducted by internal and external examiners. External examiner will be appointed by the University and internal examiner will be appointed by the Principal in consultation with Local Head/Head, Department of Mathematics in the college.
3. An Internal/external examiner can conduct Practical Examination of not more than 100 (Hundred) Candidates.
4. Each candidate has to pass in Theory and Practical examinations separately.

Paper – I: Real Analysis

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 1: Real numbers as complete ordered field, Limit point, Bolzano-Weierstrass theorem, closed and Open sets. Concept of compactness and connectedness, Heine-Borel theorem. Holder inequality & Minkowski inequality, Metric space - Definition and examples, Open and Closed sets, Interior and Closure of a set, Limit point of a set in metric space.
Unit 5: Scalar and Vector point functions. Differentiation and integration of vector point functions. Directional derivative. Differential operators. Gradient, Divergence and Curl. Theorems of Gauss, Green, Stokes (without proof) and problems based on these theorems.

Reference Books:

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

Examination Scheme:

<table>
<thead>
<tr>
<th></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 practical. The candidates are required to attempt both practical.

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

Group A:
1. Printing n terms of Fibonacci sequence.
2. Finding n!, \( \sum n, \sum n^2 \) etc.
3. Defining a function and finding sum of n terms of a series/sequence whose general term is given (e.g. \( a_n = \frac{n^2+3}{n+1} \)).
4. Printing Pascal’s triangle.
5. Finding gcd and lcm of two numbers by Euclid’s algorithm.
6. Checking prime/composite number.
7. Finding number of primes less than n, n \( \in \mathbb{Z} \).
8. Finding mean, standard deviation and \( ^nP_e, ^NC_r \) for different n and r.

Group B:

Note:
1. Each Candidate (Regular/non-Collegiate) has to prepare his/her practical record.
2. Each Candidate has to pass in Practical and Theory examinations separately.

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University of Rajasthan
Jaipur
Economics
B.A. Part-II 2020

Scheme: Min. Pass Marks Max. Marks
Arts 72 200
Science 54 150

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

Paper – I  Introductory Macro Economics
Paper – II  (a) Elements of Statistics and Mathematics
            (b) History of Economic Thought

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

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

Paper-I
Introductory Macro Economics

Section- A


Section-B


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

\[\text{Signature}\]
Section-C

Central Bank: Organizational set-up and functions of Central Bank (with special reference to RBI). Commercial Bank: Functions, Modern trends of Commercial Banking, Quantitative and Qualitative Credit control by RBI. Money Supply: Meaning & Definition, four measures (M1, M2, M3 and M4) Monetary Policy: Objectives, Targets and Indicators, Transmission Mechanism.

Recommended Books:
5. Suraj B. Gupta: Monetary Economics, S. Chand and Co. Ltd.
7. Rana and Verma: Macroeconomic Analysis, Vishal Publications,

Paper –II (a): Elements of statistics and Mathematics

Duration: 3 hrs
Max Marks: 100

Section- A

Surds, Indices, Quadratic Equation, Logarithms, Permutation and Combination, Binomial Theorem, Arithmetic progression, Geometric Progression and Harmonic Progression, Analytical Geometry: Straight Line, Parabola and Hyperbola, Matrices and Determinants, solution of Simultaneous equations by Cramer’s rule and Matrix Inverse. Simple differentiation, Partial differentiation (involving two independent variables). Maxima, minima point of inflexion. Simple Integration involving one independent variable, Application in Economics (Elasticity, Average, Marginal Concepts)

Section – B

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

Section – C

Simple Correlation: karl Pearson’s and Rank Correlation, Regression analysis, Fitting of Linear Regression lines using Least Square Method, Analysis of Time Series, Determination of trend by straight line trend equation, Index numbers, Interpolation (Binomial Expansion and Newton’s method), Association of Attributes.
(Note: Use of non-programmable calculator is permitted)

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University of Rajasthan
Jaipur
Books Recommended:
1. B.C. Mahta and G.M.K Madanani Elementary Mathematics for use in Economics
   Laxmi Narain Agarwal, Agra
7. श्री सी मेहता एंव जी एम के मदनलाल अर्धशतार्थ में प्रारंभिक गणना ज्योतिषीय अनुशासन आदर्श।
8. कैलाशनाथनागर साधक की मूलतत्व भीनाशीक्रमण में रहें।

Paper- II (b) History of Economic Thought

Section -A


Section-B


Section C


Books Recommended:
1. Louise Haney, History of Economic Thought, Surjit Publication, New Delhi
2. Enc Roll: History of Economic Thought, Faber and Faber (Rupa)
3. Gide and Rist: History of Economic Doctrine

Dy. Registrar (Academiie-I)
University of Rajasthan
Jaipur
### Geogrophy B.A. BSc. P-III

#### Scheme of Examination

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

**Notes**

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

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

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

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

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

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

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

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

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

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

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

---

(Dy. Registrar
(Academic)
University of Rajasthan
JAIPUR)
Paper I: Resources Geography

Section A

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

Section B

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

Section C

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

Recommended Readings:

कैलास, ऐस.डी. 2010: संसाधन पूर्णालंकार, पर्यावरण, शैक्षणिक, नई दिल्ली मेडिया प्रकाशन, नई दिल्ली।
मुशुर, श्र. 1998: वृक्षाधारी पूर्णालंकार, पर्यावरण, नई दिल्ली।

Paper II: Human Geography

Section A

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

Section B


Section C

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

Recommended Readings:

Khan, J.P. 2006: सस्त्रवाण भूगोल. बसुभाषा प्रकाशन, गोरखपुर।
Koirala, S.K. डी. 2012: भान्त पूरगोल। रसिकपुर ग्रंथकृत्स्न, गोरखपुर।
Mall, S. 2005: जनसदिश सूत्त्रो। ग्यारहा पुस्तक भवन, अलमाबाद।
Pradhan, G. 2001: जनसदिश सूत्त्रो। ग्यारहा पुस्तक भवन, अलमाबाद।
Raj, S. 2001: भान्त पूरगोल। बसुभाषा प्रकाशन, अलमाबाद।

Practicals

Scheme of examination

Min. Pass Marks: 18

<table>
<thead>
<tr>
<th></th>
<th>Min. Pass Marks: 18</th>
</tr>
</thead>
<tbody>
<tr>
<td>Written text</td>
<td></td>
</tr>
<tr>
<td>Field survey and viva voce</td>
<td></td>
</tr>
<tr>
<td>Record and viva voce</td>
<td></td>
</tr>
</tbody>
</table>

Max. Marks: 50

<table>
<thead>
<tr>
<th></th>
<th>Max. Marks: 50</th>
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</thead>
<tbody>
<tr>
<td>Differentiation of Marks</td>
<td>Time</td>
</tr>
<tr>
<td>24</td>
<td>3 hrs</td>
</tr>
<tr>
<td>10+04</td>
<td>2½ hrs</td>
</tr>
</tbody>
</table>

N. Registrar

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

Section A

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

Section B

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

Section C


Recommended Readings:

## STATISTICS

### Marks Scheme

<table>
<thead>
<tr>
<th>Paper</th>
<th>Nomenclature</th>
<th>Science</th>
<th>Arts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper I</td>
<td>Statistical Inference</td>
<td>50 mark</td>
<td>65 marks</td>
</tr>
<tr>
<td>Paper II</td>
<td>Statistical Applications in Society and Industry</td>
<td>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

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

### Paper I

**Statistical Inference**

**Unit I**

Sampling from a distribution: Concept of statistic and its sampling distribution. Sampling distribution for mean of Binomial, Poisson and Normal Distribution; Chi-square Distribution: Definition, Derivation, Moments, MGF, C.G.F., Mode & Skewness Limiting and Additive Property. Distribution of ratio of Chi-square variates.
Testing Normal Population variance, Test for Goodness of fit, Contingency table & Independence of attributes. yate's correction 18 hours

Unit-II

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

Unit-III

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

Unit-IV

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

Unit-V

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

REFERENCES:

University of Rajasthan


ADDITIONAL REFERENCES:

Subject: Statistics Paper II

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

Unit-I


18 hours

Unit-II


18 hours

Unit-III

Time Series Analysis: Definition its different components, Illustration

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University of Rajasthan

AFPUK
Unit-IV

Educational Statistics: Methods of standardization of scales and tests. Z-scores, t-scores, Standard scores. Percentile score, Intelligence Quotient and its measurement and uses, validity of test scores, reliability of scores and their determination.

18 hours

Unit-V


18 hours

REFERENCES:


ADDITIONAL REFERENCES:

University of Rajasthan

Subject: Statistics Paper III

Practical Paper

1. Tests of significance based on t., Chi-square, F. Testing of significance of sample correlation coefficient, use of Z transformation.
2. Large sample tests for means and proportions. Tests of goodness of fit and independence of attributes in contingency tables.
3. Non parametric tests: Sign, Run, Median (for large samples)
6. Tests for Index numbers.
7. Determination of trend in a time series and construction of seasonal indices.
21. APPLIED STATISTICS

Marks Scheme

<table>
<thead>
<tr>
<th>Paper</th>
<th>Nomenclature</th>
<th>Science Marks</th>
<th>Arts Marks</th>
<th>No. of hours per week</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper I</td>
<td>Statistical Inference</td>
<td>50</td>
<td>65</td>
<td>3</td>
</tr>
<tr>
<td>Paper II</td>
<td>Statistical Applications in</td>
<td>50</td>
<td>65</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Society and Industry</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paper III</td>
<td>Practical based on</td>
<td>50</td>
<td>70</td>
<td>4</td>
</tr>
<tr>
<td>Paper I, II</td>
<td>Total</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>150</td>
<td>200</td>
<td>10</td>
</tr>
</tbody>
</table>

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

Subject: Applied Statistics

Paper I (Statistical Inference)

Unit-I

Sampling from a distribution: Concept of statistic and its sampling distribution. Sampling distribution for mean of Binomial, Poisson and Normal Distribution. Chi-square Distribution. Distributions of
moments, C.G.F. Maximum Likelihood Estimation.
Applications - testing Normal Population variance, Test for Goodness of fit; Contingency Table & Independence of attributes. Yates's correction.

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

Unit-III

Unit-IV
University of Rajasthan

ADDITIONAL REFERENCES:

Subject: Applied Statistics
Paper II
(Statistical Applications in Society and Industry)

Course content will be same as that of subject statistics.

Paper III
Practical Paper
22. PSYCHOLOGY
B.A. Part-II 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>I</td>
<td>Abnormal Psychology</td>
<td>3 Hrs.</td>
<td>75</td>
</tr>
<tr>
<td>II</td>
<td>Psychological Statistics</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>Arts</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td>Section</td>
</tr>
<tr>
<td>A</td>
</tr>
<tr>
<td>B</td>
</tr>
<tr>
<td>C</td>
</tr>
<tr>
<td>Total marks</td>
</tr>
</tbody>
</table>
2. Use of simple calculator will be allowed for statistical portions of all papers.

**Paper I - Abnormal Psychology**

**Section: A**

1. Mental Disorder: Definition, Indicators of Abnormality, DSM-5 and ICD-10 Classification Systems, Mental Health Professionals.

2. Causal Factors and Viewpoints: Risk Factors and Causes; Necessary, Sufficient and Contributor y causes; Diathesis - Stress Models, Biological, Psychological and Social perspectives.

3. Clinical Assessment and Diagnosis: Basic elements in Assessment, Physical and Psychosocial Assessment.

**Section: B**

4. Anxiety, Obsession Compulsion, and Trauma and Stress or Related Disorders: Types, Clinical Picture and Causal Factors.

5. Mood Disorders and Suicide: Types, Clinical Picture and Causal Factors.


**Section: C**


**Books Recommended:**


Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
Paper II - Psychological Statistics

Section-A


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

Section-B

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

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

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

Section-C

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

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


Books Recommended:


Practical

1. Assessment of Mental Health
2. Assessment of State and Trait Anxiety
3. Measurement of Depression
4. Measurement of Coping – Styles
5. Assessment of Family Pathology
6. Word – Association Test
7. Eight-State Questionnaire
8. Neuropsychological Assessment
9. Stress: Measurement and Analysis of Group Data (Mean and Median)
10. Stress: Measurement and Analysis of Group Data (‘t’test)

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Jaipur
23. राजस्थानी

प्रक्रिया: इस परीक्षा में दो प्रश्न छोड़ें। प्रथम मध्यकालीन राजस्थानी गद्दी, द्वितीय मध्यकालीन राजस्थानी काव्य।

न्यूनतम उत्तरांक 72

अधिकतम अंक 200

Dr. Registrar
Academic
University of Rajasthan, Jaipur
प्रथम प्रश्न पत्र : मध्यकालीन राजस्थानी गद्य

(क) एक प्रश्न व्याख्या से संबंधित। प्रत्येक पुस्तक से एक (तीन व्याख्याएँ)
3 x 12 = 36

(ख) तीन पुस्तकों पर एक-एक आलोचनात्मक प्रश्न (कुल तीन प्रश्न)
3 x 16 = 48

(ग) एक प्रश्न—मध्यकालीन गद्य विभागों और साहित्य पर।
1 x 16 = 16

पादप पुस्तकें:
1. राजस्थानी साहित्य की गौरवपूर्ण परंपरा—अगरवंद नाडु, रामकृष्ण प्रकाशन, दिल्ली।
2. राजस्थानी साहित्य : डा. मनोहर शर्मा, राजस्थानी शोध संस्थान, चौपासनी, जोधपुर।
3. राजस्थान गद्य—डा. अच्छूदन विकास, सारस्वत, सारस्वत राजस्थानी रिसर्च इनस्टीट्यूट, चांदीबाग,
4. राजस्थानी गद्य—उद्घव और विकास—डा. अच्छूदन, सारस्वत राजस्थानी रिसर्च इनस्टीट्यूट, चांदीबाग।

द्वितीय प्रश्न—पत्र : मध्यकालीन राजस्थानी काव्य
(फ) प्रत्येक पुस्तक से एक-एक व्याख्या (कुल तीन व्याख्याएँ)
3 x 12 = 36

(ग) प्रत्येक पुस्तक पर एक-एक आलोचनात्मक प्रश्न (कुल तीन प्रश्न)
3 x 16 = 48

(घ) मध्यकालीन राजस्थानी काव्य विभागों और साहित्य पर एक प्रश्न
1 x 16 = 16

पादपपुस्तकें:
1. किशन जाला, राजस्थानी कविताएँ—संपादक हृ. बोलीलाल मेनोरिया, राजस्थानी ग्रंथागार।

By Registrar
(Academic)
University of Rajasthan
Paper-I

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 Introduction to Physical and Archaeological Anthropology

UNIT-I
Meaning, subject matter and scope of Archaeological Anthropology. Relationship of Archaeological Anthropology with other Natural and Social Sciences.

UNIT-II

UNIT-III
Major stone tool typology and technology. Palaeolithic: (Lower, Middle, Upper), Mesolithic and Neolithic Cultures. Study of Indus Valley Civilization: expansion, features and decline.

List of Books:
Bhattacharya, D.K., 1966, An Outline of Indian Pre-history, Delhi, Palika Prakashan.
ए.आर.एन. श्रीवास्तव, 1992, शारीरिक मानवविज्ञान, पटना, शानदीप प्रकाशन
मार्शल वीलर, 1990, प्राचीन से पुरातात्विक, हिन्दी, हिन्दी मानव कार्यक्षीय
गार्डन्स चाइल्ड्रेंस, 1991, मानव प्रगति की कहानी, लखनऊ, उत्तरप्रदेश हिन्दी संस्थान
अ. रुग्न. शर्मा एवं डॉ. (श्रीमति) एन.एम. शर्मा, 1986, शारीरिक मानव विज्ञान, इलाहाबाद, अनिवार्य प्रकाशन.

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Jaipur
Paper-II Research Methodology

UNIT-I

UNIT-II
An introduction to major theoretical perspectives:
Evolutionism: Basic idea, contributions of major theorists (L.H.Morgan, E.B.Tylor).
Diffusionism: British, German Austrian school and American Distributionism.

UNIT-III
Data: meaning and types. Sources of data: Primary (meaning, types, advantages and limitations of - Interview, Observation, Questionnaire), Secondary (Census, Historical documents and Personal documents).

Lists of Books
Danda, Ajit, 1992, Research Methodology in Anthropology, New Delhi, Inter-India.
Young, Pauline, 1984, Scientific Social Surveys and Research, New Delhi, Prentice Hall of India.

पाण्डेय, गया, मानवशास्त्रीय शिक्षान्वयन: शास्त्रीय एवं आधुनिक, नई दिल्ली, कार्यस्थल पब्लिशिंग हाउस
25. Dramatics
B.A. Part-II 2020
Paper-I Acting and Speech (Theory)

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

I. Introduction to acting, Definition and its elements
II. History of acting in Special reference to Indian theatre:
   A- Chaturdik abhinay siddhant
   B- Introduction to Rasa and bhava
III. Applied Acting Techniques and Training
   a. Mime and Movement
   b. Improvisation
IV. Dramatic Speech – Mechanism and Technique:
   a. Voice production Mechanism
   b. Development of dramatic Speech
   c. Study of meter and rhythm
   d. Punctuation and speech exercises
IV. Play production as communion art and its requirement (Group work, stage ethics, etc.)

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

Paper-II Dramaturgy (Theory)

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

I. Salient features of Sanskrit Plays
II. Selective study of Dasarupak of Dhananjaya
III. Structural aspects of parsi theatre plays
IV. Detailed study of following plays:
   a. Sanskrit plays
      1. Mrichchhkattikam
      2. Urubhangam
      3. Abhigyan Shakuntalam
   b. Parsi plays
      1. Yahudi Ki Ladki – Aga Hashra Kashmiri
      2. Veer Abhimanyu – Radhey Shyam Kathavachak
      3. Ramayana – Narayan Prasad Betab

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c. Modern Indian Plays
   1. Andha Yug
   2. Ashadh Ka Ek Din
   3. Khamosh Adalat Jari Hai

Books Recommended:
1. Natyashastra – Bharatmuni (Tr. Babu Lal Shastri)
2. Dasarupak – Dhananjay (Tr. Govind Trigunayat)
3. Bhartiya Natya Saundarya – Manohar Kale
4. Parsi Hindi Rangmanch – Laxmi Narayan Lal
5. Bhartiya Rangmanch Ka Udbhav Evam Vikas – Dashrath Ojha
6. Natya Samikha – Dashrath Ojha
7. All the plays prescribed in Ch. IV

Practical Examination 2020

PRACTICAL PAPER –I
Duration – 3 Hours  Max. Marks – 50  Min. Pass Marks - 18
I. 15 new yogic Asanas and psycho Games.
II. Improvisations with given motives.
III- Practice of emotions based on Rasa and bhava

PRACTICAL PAPER –II
Duration – 3 Hours  Max. Marks – 50  Min. Pass Marks - 18
I. Voice & Speech – Various exercises
II. Participation in the production
III. Submission of work Book and special assignments.

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Jaipur

Syllabus : B.A. Part-II
PHYSICAL EDUCATION

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

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

Unit I: Introduction
(A) Meaning and concept of Anatomy, Physiology and Exercise
Physiology, its need and importance in Physical Education and Sports.

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

Unit II : Skeletal and Muscular System

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

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

Unit III : System

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

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

Unit IV : Physical Fitness and Training

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

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

Unit V : Physiology of Exercise

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

(ii) Nuro Muscular Co-ordination

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

(iv) Stich and Cramps

(v) Obesity and body weight control.

Books for Reference:

8. रेकासार: पुस्तक: गानक किताब, ग्रंथालय मणिल, आंध्रप्रदेश.
9. राज के: शरीर रचना एवं शरीर किया विज्ञान: दीपक प्रकाशन, गोवा.
10. आर्मस्ट्रोप व जैनकान: नर्स के, लिए शरीर सम्बन्धी ज्ञान: एन.आर. ब्रदर्स, इंडिया.
11. कंबर रोशन बच्च: शरीर किया विज्ञान व स्वस्थ्य शिक्षा: अमित बटर्स, राजस्थान.
12. धार्मिक वी.एस.: शरीर किया विज्ञान: वी.यू. मास्केट, वाशिंगटन.
13. पाषाण के. और वर्मा शी.: शरीर किया विज्ञान: हिन्दी मा.का. विश्वेसाराम, हिन्दी.
14. अंजाम पी. और अमृतशास्त्रिक शिक्षा स्वस्थ्य एवं खेलों की आधुनिक पाठ्य पुस्तक (वी.ए., पार्ट II, III): कल्याणी प्रकाशन, तुम्भियामा.

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

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

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

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

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

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

Books Recommended:
6. कंबर अर.सी.: शारीरिक शिक्षा संगठन एवं प्रशासन, अभियंत्रण, नगर.
7. अरविन्द पी.के.: शारीरिक शिक्षा में संगठन, संचालन एवं मनोरंजन, प्रकाशन ब्रह्म, लखनऊ.
8. कपूर एक.के. और श्रीरामचंद्र एक.के.: शारीरिक शिक्षा संगठन, प्रशासन, पर्यवेक्षण एवं विनियम, सुरक्षा प्रारंभिक, अगाधता.
9. मोहनदास बाबुट और दीक्षित एन.के.: शारीरिक शिक्षा में शिक्षण विकास: उत्तराखंड रेवे क्राउचेंग, लखनऊ.
10. वरिष्ठ लक्ष्मीकांत: शारीरिक शिक्षा की शिक्षण पद्धति, मैड्रिस्पोलिटन बुक कृति, दस दिसंबर.
11. वैण्डर राजेन्द्र प्रसाद: शारीरिक शिक्षा का संगठन व विज्ञान: श्रीयांश पक्षीकेशान, बारामुखी.
12. श्रीमती एक.के.: शारीरिक शिक्षा और खेल में संगठन व पर्यावरण, दिल्ली.
13. अजयगुप्त लिहा और अरविन्द: शारीरिक शिक्षा स्वास्थ्य एवं खेलों की आधुनिक पाठ्यपुस्तक (भाग 1, II, III): कल्याणी पक्षीकेशान, लखनऊ.
14. सिद्धान्त अष्टक कुमार: शारीरिक शिक्षा संदर्भ, मनोविभाजन एवं इतिहास: श्रीयांश पक्षीकेशान, अमृतपुर.
Practical

Max. Marks 80 Min. Pass Marks 28

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

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

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

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

40 Marks

40 Marks

Dy. Registrar
(Academic)
University of Rajasthan
Jaipur
INDIAN HERITAGE IN RURAL HANDICRAFTS

Scheme                          Max. Marks | Min. Pass Marks
1. Theory: One Paper 3 hrs.     60          | 22
2. Practical                    80          | 28
3. Submission                   60          | 22
Total                           200         | 72

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

Paper II (Practical)             5 Hrs. Duration
Max. Marks : 80                  Min. Pass Marks : 28
(a) Wood work: Preparation of tools, preparation of wood, marking and practice in different joints, making small objects like toys, paper weight and solid geometric forms.
(b) Paper machine work: Preparation of toys dolls, pots and decorative items.

Submission Works
Max. Marks : 60                   Min. Pass Marks : 22
University of Rajasthan

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

(2) Candidates should pass in theory as well as in practical paper separately.
28. COMPUTER APPLICATION  
(Common for B.A./B.Com./B.Sc.)

<table>
<thead>
<tr>
<th>Science</th>
<th>Com./Arts</th>
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<tbody>
<tr>
<td>Paper I</td>
<td>Data Base Management System</td>
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<tr>
<td>Paper II</td>
<td>Structured Programming and Computer Graphics</td>
</tr>
<tr>
<td>Practical Programming Laboratory</td>
<td>50</td>
</tr>
<tr>
<td>On-the-Job training (4 weeks)</td>
<td>The duration of these papers will be 3 hours.</td>
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</tbody>
</table>

Paper I: Data Base Management System


Relational databases management system. Why to use them and where. Data Description Language, Data Manipulation Language and Data Control Language.

Introduction to DBASE, DBASE commands. Development of an-application-under DBASE using forms, screens and PRG. files.

Security considerations in database management systems.

Performance improvement in databases.

Relational databases: advanced concepts. Introduction to ORACLE/INGRES or a similar RDBMS on a multiuser environment.

System management, User management, Security considerations, Practical.

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

Development of a business application in RDBMS.

Paper-II: Structured Programming and Computer Graphics


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

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

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

Practical

Development of a business application using C.

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

Managing a Microsoft Windows session. Creating groups and program items under Windows. Turning Windows for a computer.