University of Rajasthan
Jaipur

SYLLABUS

B.A. PART-II

EXAMINATION – 2019
B.A. Part II Examination  
(Under 10+2+3 Pattern)

R.11 (2)

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

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

All the rest will be declared to have passed the Examination if they obtain the minimum pass marks in each subjects, viz. 36% No division shall be awarded at the Part-I and Part-II examination.
**Optional Subjects**  (Any three of the following subjects to the restriction as mentioned in O. 203 - I)

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Name of the Subjects</th>
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<tbody>
<tr>
<td>1.</td>
<td>English Literature</td>
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<td>2.</td>
<td>Hindi Sahitya</td>
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<td>9.</td>
<td>Political Science</td>
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<td>10.</td>
<td>Indian Music</td>
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</table>
11. Public Administration
12. Drawing & Painting
13. Sociology
14. French
15. German
16. Home Science
17. Textile Craft
18. Investigative Bio- Technology
19. Garment Production & Export Management
20. Mathematics
21. Economics
22. Geography
23. Statistics
25. Psychology
26. Rajasthani
27. Anthropology
28. Dramatics
29. Computer Application
30. Physical Education
31. Indian Heritage in Rural Handicrafts

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.
The Syllabus aims at achieving the following objectives:

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

Paper I: Poetry and Drama

Maximum Marks: 100

Duration: 3 hrs

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
The Solitary Reaper

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Reference Books-

Strings of Gold Part I Ed. Jasbir Jain (Macmillan)

The Golden Treasury by Francis Turner Palgrave (OUP)


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 (OUP):

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

SECTION C

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

Reference Books:
Henrik Ibsen: A Doll's House, Maple Press (1 August 2014)
Tagore: The Post Office, Hesperides Press (August 2014)

Paper II: Prose and Fiction

Maximum Marks: 100

Duration: 3 hrs

Min. Pass Marks: 36

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

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

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

SECTION A

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 Reading:


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

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

रामचंद्रिका —
राम बंदना — पूरण पुराण अरुं………
सूर्यादय वर्णन — 1. अरुण गात अव्य प्रात्……
2. व्योग में मुनि देखिए……
पंचदी वर्णन — 1. फल फूलन पूरे……
2. सब जात फदी……
3. सोमित दवक की रूचि……
हनुमन लंका गमन — 1. हरि केसी बाहन……

2. बिहारी

वर्ष २० —
मैं भव बाधा हरी……
तज तीरथ हरि साधका……
नाव अवानक ही उठें बिन पावक……
कहत नटि रीति खिशत……
नेहन पैन मो कछु उपजी बड़ी बलाया……
पाय महावर दैन को नाइन बैठी आया……
मंगल बिनु सुरंग सुख शशि केसर……
अंग—अंग नग जयगंगल दीपिक्षा सी देह……
रूपन्मारु समारि है……
कीमे हू कोटिक जतन अब कहि……
या अनुरागी, चिति की……
जयपी सुंदर सुर पुनि सुगुना दीपक देह……
कहा कहाँ वाकिदसा हरि प्राणन कोईसा……
पता ही तिथि पाइए वा धर के चढ़ भास……
निस अधिवारी नील पटु, पहरे चल गिरगिरेह……
ओंबाई सीसी सुमुख विश्र अग्नि चन्दलात……
इति जावत उत्त जात सखि……
लाल तुझहरे विदर की अग्नि अनुप अपार……
कहलानें एकत्र बसत अहि मथुर मूग बाध……
कनक कनक तेस गुणी मादकात अवधिकाय……
को कहि सके बडें सो लरवे बड़ी हू मूल……
नहर परग नहर मधुर मधु……
मरल प्यास फिरजस परसम लुआ समय के फेर……
जगत जनाती जैहि सकल सोहरि……
तो लगि या मन सदन में……

3. वेश

जाके न काम न क्रोध विशेष……
कोई कहीं कुंलता कुलीन अकुलीन कही……
रावरी रूप रहयी भरि नैनन……

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4. भूयण

- साति चतुरंगः सैनं अंग में उसमें धारि सर्जा सिवानी जंग जीतन चलता है।
- बारे फहराने पहराने घटा गजन के नाही ठहराने सवराने देसदेस के।
- बेद राखे विदित पुराण पर्सिद राखे राम-नाम राखो अति रसना सुपुर में।
- उन्ही ललित तें न दियो हृदा ये पग तेज़ सगग भिसिदिन चली जाती है।
- जैंचे घोर मंदर के अंदर रहनवारी ऊँचे घोर मंदर के अंदर रहाती है।
- अत्र गुलाब चोबा चंदन सुंगध सब सहज सरीर की सुंगास विकसाती है।
- सोंचे को अधार किसमिस जिनको अहार चार अंकः लंक मुख चंदनके समानी है।
- आपस की फूट ही तें सारे हिंदुकान दूरे दूरयो कुल रावन अनीति अति करते।
- भुज-भुजगंध की बैलगिनी भुजगिनी सी खेदि खेदि खाती दीह दारुन दलन के।
- अति सोंचे भरी सुधमा सु खरी मुख ऊपर आइ रहीं अलकः।

5. ध्नान्दं

1. छवि की सदन, मोदमठित बदन--वन्द
2. भोरे, ते संझा लो कानन और निहारते वासी नैक न हारि
3. सोएँ न सोयबो जागे न जागे, अनोखियः लाग सु अंखिन लागिए
4. निि दौले खरी, उर मांझ अरी, छवि रंगः भरी मुरि चाहनी की
5. अत्तर उदेगः-दाह, अंखिन प्रवाहः-आसू
6. नाईन में लागे जाय, जागे सु करेिे बीच
7. दिननि के फेर सों, भयो है हेरः-फेर ऐसौ
8. कौन की लरन जैरे आप ब्यों काहू पैिे
9. जासौ प्रीति ताहि नितुरासौ सों निपट नेहूँ
10. मील सुजान अनीति करिे जिन, हा हा न हूजिये मोहि अनोहि

6. आलम

1. रूकिर बरन चीरू चन्दन चरिि सुधि,..................
2. अंखियः भरी जू ऐसे अंसुनि धारे, नाती, ..................
3. वाहती सिंगार तिहैं सिंगी को समागि कहा,
4. बारे ते न पत्रक लगत बिनु सोंबेे ते,
5. सीति रिपु भील भई छाती राती ताती तई,
6. लाला प्रसूलि डोल बोल कोकिला अलाप कोकि,
7. पत्रल खेलत नच तरन छलन बलि,
8. दैिों दिििि मुलिर धरिि धुरिि छोरि खेहैं,
9. नींदि नाहि धोि धुरि पैिे नैक बैिे आमि,
10. मारस शुभीि लिये संग ताको गत दिये,

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7. पद्माकर
1. कुलन में, केलिन, कछारन में, कुजंन में, ........................
2. ओरे भैंति कुजंन में मुजरत भैंति—भैंति, ........................
3. चंबला चमारें चई-ओयरन तें चाह—भैंति ........................
4. आयी हो खेलन फांझ इहाँ वृषभानुवरी तें सखी संग लोने। ........................
5. सीज ब्रज चंद मे चखी यो मुखचंद जा को, ........................
6. ऐसी न देखी सूनी सजनी धनी बाढ़त जात वियोग की बाधा। ........................
7. तीर पर तरगन—तनुवा के तमाल—तंगे, ........................
8. फहरे निसान दिसानि जाहिर, धवल दल बक पांत से। ........................
9. सिर कठौं, सिर कठौं धर कठौं, धर कठौं सुहय कठौं जात हैं, ........................
10. किल किलकत चंडौं, तह निज खंडौं, उमड़ौं, उमड़ौं, हरचंत है ........................

8. सेनापति
1. राखति न दोष घात प्राणिल के लक्ष्य को, ........................
2. बानी सों सहित सुबरन गुंह रहे जहाँ ........................
3. करत कलोल खुंटि देश, अमोल, तोल, ........................
4. कालिन्दी की धार निधार हैं अधार, गन ........................
5. तोह संग आलि, रही रति हु के उर सालि, ........................
6. माली की माल तेरे तन को परस पाई, ........................
7. मानहु प्रवाल ऐसे ओख लाल लाल, भुज, ........................
8. बरन बरन तरु फूले उपवन बन, ........................

अंक विभाजन
कुल चार व्याख्याएं (एक कवि से केवल एक व्याख्या) (आन्तरिक विकल्प देय) 4 x 10 = 40 अंक
कुल चार निबंधात्मक प्रश्न — एक कवि से संबंधित एक ही प्रश्न (आन्तरिक विकल्प देय) 4 x 15 = 60 अंक

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पूर्णक 100

खण्ड - 'अ'

नाटक - कोणार्क: जगदीश चन्द्र माधुर

खण्ड - 'ब'

एकांकी
1. रामकुमार वर्मा - उत्सर्ग
2. भुवनेश्वर - तरंग बोले कीढ़े
3. उपेन्द्र नाथ अशक - नया-पुराना
4. विष्णु प्रभाकर - ममता का विष
5. लक्ष्मी नारायण लाल - काल पुरुष और अजनता की नर्तकी
6. धर्मवीर भारती - आवाज नकलाम
7. सुरेंद्र वर्मा - हरी घास पर घटे मर

खण्ड - 'स'

नाटक एवं एकांकी का उदभव एवं विकास

अंक विभाजन

कुल चार व्याख्याएं - दो नाटक से, दो एकांकी से (आंतरिक विकल्प देय) 9 x 4 = 36 अंक

कुल चार निबंधात्मक प्रश्न

14 x 4 = 56 अंक

खण्ड 'अ' व 'ब' में से "नाटक पर दो प्रश्न, एकांकी पर दो प्रश्न" (आंतरिक विकल्प देय)

खण्ड 'स' में से एक टिप्पणी (आंतरिक विकल्प देय)

8 अंक
Max. Marks 100

Books Prescribed:

The following are prescribed from the text book:
A) Ghazalyat: Dard, Momin, Nasikh
B) Qasida: Wah Wah Kya Motadi Hai Baghe Alam Ki Hawa of Zauq
C) Marsiya: Namake Khawane Takallum Hai Pasahat 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.

URDU

Paper II (Prose)

Max. Marks 100

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

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

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

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Prescribed Books

1. Nisab-e-jadeed Farsi (HissaNasarWaNazam) Published by Jayyed Press Delhi.
2. Tareek-e-Adabiyyate-Iran By Razazada Shafaq (Urdu Translation)

Prose Section
The following Prose section is prescribed

1. Intekhab-e-Zindagi-e-Man: Kudki
   (a) Guftar awwal
   (b) Guftar duwum

2. Intekhab-e-Hajibaba

3. Dastan Hai Kotah
   (A) Mohd.Hijazi
   (B) Saeed Nafisi: Idec
   Khana-e-Pidri

Poetry Section

1. QasaidUrfi: Dar Wasaf Kashmeer
   (Page No. 120 to 124)

2. Intekhab-e-Masnavi Maulana Rum
   (1 to 10 Rubaiyat)

3. Rubaiyate Umar Khayyam

4. Intekhab-e-Malik Usb Shaura Bahar
   (a) Nasihat –b- Jawanan
   (b) Shadmani shayer
   (c) Husn –e- Niyat
   (d) Dar-rah-e-Ishq

Division of Marks:
Unit-1 (A) Short Answer type Question 10 out of 15 all the full syllabus based 10
   (B) Translation of two prose passages out of three into Urdu/Hindi/English 20
Unit-2 Translation of two Poetry passages out of three into Urdu/Hindi/English 20
Unit-3 Critical and Biographical notes on prescribed Prose Writers 15
Unit-4 Critical and Biographical notes on prescribed Poetry Writers 15
Unit-5 Summary of Prescribed lessons 20
Total 100

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

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History of Persian Literature and Translation

Paper – II

M.M: 100 3.00 Hrs. Minimum Passing Marks: 36

Prescribed Books

1. Chakidah (Tareekh Adabiyat-e-Iran (HissaNasar We Nazam)) by Dr. Manzar Imam
   Farsi Nasar ki Tareekh by Shareef Hussain Qasmi

Division of Marks:

Unit – I (A) Ten Shor Answer type Question
   (B) Short Notes of following books of saljuqi Period
      (i) QaboosNamah (ii) SiyasatNamah (iii) Kalilah-o-Damna
      (iv) ChaharrMeqala (v) MarzabanNamah

Samani to Elkhani Period

Unit- II Critical study of Samani to Elkhani period
Unit- III Critical Appreciation of following Writers & Poets
      (i) Rodaki (ii) Farrukhi Sestani (iii) Umar Khayyam (iv) Hafiz
Unit- IV (i) Critical Study of Shahnama Fordausi
      (ii) Study of Sufistic poetry with special reference to following poets
      (i) Attar (ii) Sanai
Unit- V (i) Translation of Five Sentences from Urdu into Persion

Recommended Books

1. SherulAjam By ShibliNomani Vol. to 3)
2. Tareekh-e-Adabiyate Iran By Raza ZadaShafaq (Urdu Translation)
3. Sanadeed-e-Ajam By Mehdi Hasan Nasri
4. AmuzishZaban-e-Farsi Daur-e-Muqaddemati By Yadollah Samrah (Vol. 1 to 4)
5. Farsi Shaeri ek mutala : Zakira Qasmi
6. Sher-e-nau Az Aghaz to Imroz : Mohammad Hoquqi
7. Dastoor Zabane Farsi : Parvez Natit Khanlari

Note: Unit-I Both A and B Questions are compulsory.
5. ARABIC

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

Paper - I : Prose, Translation and History of Arabic

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

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

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

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

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

Books Prescribed :
1. Nakhabatul Adab, Muratti-ba-Shiboa-e-Arabi, Muslim University
   Alliggarh. Ishatt Som.
   The following poems only:
   (i) Alhamazetul Nabiwwat. Min-awwalaha Ali walhasan min
   karam" Alshouqiyat al ahmed shouq.
   (ii) Aghazal-wa-alkalab-alshouqiyat al ahmed shouqi.
   (iii) Alughatul-Araba-Diwan Modh. Hafiz Ibrahim
   (iv) Al Shair Diwan Mohd. Hafiz Ibrahim.
Grammar:

Hadeeq-ul-Musharraf Badvi

Ana (Nazi-ul-mala-e-Kafi) Mukhtarat Minhush Shair-ul-

Ahmad-e-Khan Qadri Tausquin - Azharul Aseer

Akhlaq-e-Khazait (Alfie Mahmood) - Azharul Aseer

Raghib Ul Qalam (Qays Znu Shabakeh) - Azharul Aseer

Yar-Rafiq- (Alifay Aby Mazi) - Azharul Aseer

Ashra-Suhada (Khairuddin-Zarkale) - Dwan Khairuddin

Dil

Fi-Rasi-un-Nasir (Abduq Qadri Alamzani) - Ashshair Waneef

Sakran (Almas Mahmood Aligned) - Azharul Aseer Larkar

Almagezalal

Al-Haryate-e-Sigeesta-e-Mustafaqameen Diwanur Rasani

Menqati-Mirataal Nasirul Rehman Albadi

Fi-levhad-r-Min-Waseel-Mirat-ul-Addur Rehman Rashidguri

University of Kashmir
1. प्रत्येक परीक्षा में दो-दो प्रश्नपत्र होंगे।

2. प्रत्येक प्रश्नपत्र में न्यूनतम उत्तीरणक 36 तथा पूर्णक 100 होंगे और समय 3 घण्टे का होगा।

3. परीक्षा का माध्यम हिंदी/अंग्रेजी होगा, परन्तु प्रश्नपत्र केवल हिंदी में बनाया जायेगा। परीक्षार्थी को छूट होगी कि वह हिंदीसंस्कृत अथवा अंग्रेजी में किसी एक भाषा में उत्तर दे सके। यदि परीक्षार्थी ने किसी प्रश्न विषय के लिए भाषा का निर्देश कर दिया है तो उस प्रश्न का उत्तर उसी भाषा में देना अनिवार्य होगा।

4. संस्कृत केवल देवनागरी लिपि में ही लिखा जाना अपेक्षित है।

5. निर्धारित ग्रंथ में से अनुवाद, व्याख्या, सरलार्थ एवं समालोचनात्मक प्रश्न पूछे जाएंगे।

6. प्रत्येक प्रश्नपत्र में 10 प्रश्न अंक संस्कृत माध्यम में उत्तर के लिए निर्धारित है।

7. प्रत्येक प्रश्नपत्र में दो भाग होंगे, जिसमें प्रथम 'अ' भाग लघुतरास्तक प्रश्नों को होगा। 'ब' भाग में संस्कृत व्याकरण प्रश्न होंगे। 'अ' भाग में कुल 15 प्रश्न होंगे, जिनका पूर्णक 30 होगा।

परीक्षा योजना—

<table>
<thead>
<tr>
<th>न्यूनतम उत्तीरणक</th>
<th>पूर्णक</th>
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</thead>
<tbody>
<tr>
<td>72</td>
<td>200</td>
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</tbody>
</table>

प्रथम प्रश्नपत्र

वैदिक साहित्य, ग्रामीण साहित्य एवं व्याकरण

समय : 3 घण्टे

प्रथम प्रश्न में निर्धारित ग्रंथ में से लघुतरास्तक निबन्धात्मक, अनुवाद, व्याख्या व समालोचनात्मक प्रश्न पूछे जाएंगे। 15 प्रश्न लघुतरास्तक होंगे जिनमें से प्रथम 5 प्रश्नों का उत्तर संस्कृत भाषा के माध्यम से देना होगा, प्रत्येक प्रश्न के लिए 2 अंक निर्धारित हैं। जिस प्रश्नपत्र में संस्कृत अनुवाद / निबन्ध पूछे गए हैं वहाँ संस्कृत में उत्तर अपेक्षित नहीं है।

प्रश्नावली

1. वैदिक साहित्य

(क) अनुवाद के निर्मलीकृत सूक्तों का अध्ययन—

<table>
<thead>
<tr>
<th>अंक</th>
<th>सूक्त</th>
<th>श्रेणी</th>
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</thead>
<tbody>
<tr>
<td>20</td>
<td>2/12</td>
<td>अलेप्पीसूक्त (4/57)</td>
</tr>
<tr>
<td></td>
<td>8/58</td>
<td>विश्वेदद्वासूक्त (10/121)</td>
</tr>
</tbody>
</table>

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इन सूत्रों के मंत्रों का अनुवाद, व्याख्यात्मक रिपोर्ट एवं उक्त देवताओं का चरित्र, तथा सम्बन्धित प्रश्न निर्धारित हैं।

(ख) कठोपनिषद्— प्रथम अध्याय—प्रथम भाग
2. गद्य साहित्य— शुकनासोपदेश (कादमबरी—बाणभट्ट से)
3. वैदिक साहित्य का इतिहास
(वेद तथा प्रमुख व्राह्मण ग्रन्थों का सामान्य परिचय)
4. व्याकरण— लघूसिद्धान्तकोमुदी—नामिक (अजन्त एवं हलतं)
(क) अजन्त प्रकरण— निम्नलिखित शब्दों की रूपसिद्धि एवं इनमें प्रयुक्त होने वाले सूत्रों का अर्थज्ञान— राम, सर्व, हेरि, गुरु, रमा, नरी, श्रान, वारि
(ख) हलतं प्रकरण— निम्नलिखित शब्दों की रूपसिद्धि एवं इनमें प्रयुक्त होने वाले सूत्रों का अर्थज्ञान— विश्ववाह, राजान्, भगवत, विद्या, युधद, अस्मद और चुलु, इदम्।

<table>
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<tr>
<th>क्र.स.</th>
<th>नाम पुस्तक</th>
<th>लघूतरामक प्रश्न</th>
<th>अंक</th>
<th>निबन्धात्मक प्रश्न संख्या</th>
<th>अंक</th>
<th>अंक योग</th>
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<td>1.</td>
<td>ऋग्वेद</td>
<td>लघूतरामक 2</td>
<td>04</td>
<td>02</td>
<td>16</td>
<td>4+16=20</td>
</tr>
<tr>
<td>2.</td>
<td>कठोपनिषद्</td>
<td>लघूतरामक 2</td>
<td>04</td>
<td>01</td>
<td>06</td>
<td>4+06=10</td>
</tr>
<tr>
<td>3.</td>
<td>शुकनासोपदेश</td>
<td>लघूतरामक 3</td>
<td>06</td>
<td>02</td>
<td>17</td>
<td>6+19=25</td>
</tr>
<tr>
<td>4.</td>
<td>वैदिक साहित्य का इतिहास</td>
<td>लघूतरामक 2</td>
<td>04</td>
<td>01</td>
<td>11</td>
<td>4+11=15</td>
</tr>
<tr>
<td>5.</td>
<td>लघूसिद्धान्त कोमुदी— हलतं</td>
<td>लघूतरामक 03</td>
<td>06</td>
<td>02</td>
<td>09</td>
<td>6+9=15</td>
</tr>
<tr>
<td></td>
<td>ख—अजन्त</td>
<td>लघूतरामक 03</td>
<td>06</td>
<td>02</td>
<td>9</td>
<td>6+9=15</td>
</tr>
</tbody>
</table>

कुल योग 15 30 10 70 100

प्रश्न—पत्र का निर्माण निम्नानुसार होगा—
1. सभी प्रश्न अनिवार्य हैं।
2. प्रथम पुस्तक से लघूतरामक एवं निबन्धात्मक, व्याख्यात्मक प्रश्न पूछे जायेंगे।
अनेक प्रश्न के प्रश्न के 2 अंक निर्धारित हैं।

निबन्धात्मक / व्याख्यात्मक प्रश्न

1. वैदिक साहित्य

<table>
<thead>
<tr>
<th>प्रश्न-पत्र</th>
<th>अंक</th>
<th>पत्र-प्रश्न</th>
</tr>
</thead>
<tbody>
<tr>
<td>वेद</td>
<td>04</td>
<td>पत्र-प्रश्न</td>
</tr>
</tbody>
</table>

भाग अ में 2-3 अंक के दो लघूतरामक प्रश्न पूछे जायेंगे।
भाग व

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4 मन्त्र पूछकर उनम से किसी 2 की संप्रसंग व्याख्या पूछी जायेगी।
देवताओं के स्वरूप सम्बन्धी प्रश्न में से किसी एक का उत्तर अपेक्षित है।

06 अंक

2. शुक्लासौपदेश
भाग अ में 2–2 अंक के तीन लघूत्तरात्मक प्रश्न पूछे जायेंगे।
06 अंक

2 मन्त्र पूछकर किसी एक की व्याख्या अपेक्षित है।
06 अंक

4 गद्यांश पूछकर उनमें से किन्हीं 2 की संप्रसंग व्याख्या पूछी जायेगी।
12 अंक

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

3. वैदिक साहित्य का इतिहास
भाग अ में 2–2 अंक के दो लघूत्तरात्मक प्रश्न पूछे जायेंगे।
04 अंक

2 विवेचनात्मक मन्त्र पूछकर 1 प्रश्न का उत्तर देय होगा।
11 अंक

4. लघुसिद्धान्त कौमुदी

(क) अजन्ता
भाग अ में 2–2 अंक के तीन लघूत्तरात्मक प्रश्न पूछे जायेंगे।
06 अंक

05 अंक

4 सूत्र पूछकर 2 की व्याख्या अपेक्षित है।
4 शब्दों की सिद्धि पूछकर 2 की सिद्धि अपेक्षित है।

(ख) हलन्ता
भाग अ में 2–2 अंक के तीन लघूत्तरात्मक प्रश्न पूछे जायेंगे।
06 अंक

05 अंक

4 सूत्र पूछकर 2 की व्याख्या अपेक्षित है।
4 शब्दों की सिद्धि पूछकर 2 की सिद्धि अपेक्षित है।

04 अंक

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हायक पुस्तकें
1. वैदिक सूक्तं मुक्तावली—डॉ. सुधीर कुमार गुल्ला, हंसा प्रकाशन, जयपुर।
2. ऋग्वेद अध्यात्म रामाजी—डॉ. सुभाष वेदालंकार, अलंकार प्रकाशन, जयपुर।
3. ऋग्वेदसहितै—एफ. मैकस्मूलर—चौथम्य प्रतिष्ठान दिल्ली।
4. ऋग्वेदसहितै—डॉ. शारदा चतुर्वेदी—चौथम्य प्रतिष्ठान दिल्ली।
5. ऋग्वेदसहितै—डॉ. के. शर्मा—चौथम्य प्रतिष्ठान दिल्ली।
6. कठोपनिषद—वैज्ञानिक पाण्डेय—मोतीलाल बनारसीदास, दिल्ली।
7. कठोपनिषद—डॉ. राजेन्द्रप्रसाद शर्मा—जगदीश संस्कृत पुस्तकालय, जयपुर।
8. कठोपनिषद—रचना प्रकाशन, जयपुर।
9. कठोपनिषद (प्रथम भाग)—डॉ. सुभाष वेदालंकार, अलंकार प्रकाशन, जयपुर।

गद्य—साहित्य:
1. शुक्लायणपदेश—डॉ. सुभाष वेदालंकार, अजमेरा बुध कंपनी, जयपुर।
2. शुक्लायणपदेश—महालक्ष्मी प्रकाशन, आगरा।
3. शुक्लायणपदेश—डॉ. श्रीकृष्ण ओझा, आदर्श प्रकाशन, जयपुर।
4. कादमबीर—चौथम्य संस्कृत प्रतिष्ठान, दिल्ली।

संस्कृत साहित्य का इतिहास:
1. संस्कृत साहित्य का रूपरेखा—चन्द्रशेखर पाण्डेय, चौथम्य प्रकाशन, वाराणसी।
2. संस्कृत साहित्य का नवीन इतिहास—डॉ. पुकरदत्त शर्मा।
3. संस्कृत साहित्य का समालोचनात्मक इतिहास—डॉ. रामजी उपाध्याय, रामनारायण वेनीमाधव, इलाहाबाद।
4. संस्कृत साहित्य का इतिहास—श्री सत्यनारायण शास्त्री, आर्य बुक डिपो, दिल्ली।
5. संस्कृत साहित्य का इतिहास—डॉ. बलदेव उपाध्याय, चौथम्य प्रकाशन, वाराणसी।
6. संस्कृत साहित्य का इतिहास—मंगलदेव शास्त्री, मोतीलाल बनारसीदास, दिल्ली।
7. संस्कृत साहित्य का इतिहास—प्रो. उमाशंकर शर्मा ऊज्जवल, चौथम्य प्रतिष्ठान दिल्ली।
8. संस्कृत साहित्य का इतिहास—डॉ. समाशंकर त्रिपाठी चौथम्य प्रतिष्ठान दिल्ली।
9. वैदिक साहित्य एवं संस्कृति का स्वरूप—ओम प्रकाश पाण्डेय, विश्व प्रकाशन।

लघुसिद्धान्त कौमुदी:
1. लघुसिद्धान्त कौमुदी—डॉ. अर्कनाथ चौधरी, जगदीश संस्कृत पुस्तकालय, जयपुर।
2. लघुसिद्धान्त कौमुदी—महेशसिंह कुशवाह—प्रथम व द्वितीय भाग, चौथम्य संस्कृत प्रतिष्ठान दिल्ली।
3. लघुसिद्धान्तकौमुदी, श्री श्रीधरनन्द शास्त्री, मोतीलाल बनारसीदास, दिल्ली।
4. लघुसिद्धान्तकौमुदी, विश्वनाथ शास्त्री, मोतीलाल बनारसीदास, दिल्ली।

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22
द्वितीय प्रश्नपत्र

नाटक, छन्द, अलंकार एवं संस्कृत साहित्य का इतिहास

चयन : 3 प्रश्न

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

पाठ्यक्रम

1. अभिज्ञानशाकुत्तम– कालिदास 45 अंक
2. छन्द– अभिज्ञानशाकुत्तम के आधार पर निम्नलिखित छन्दों के लक्षण एवं उदाहरण–अनुद्धृप, आया, उपजाति, भुजंगप्रयात, वसन्ततिलका, शिखरिणी, मालिनी, शार्दूलविक्रिधित, इद्रव्या, उपेन्द्रव्या, रथोद्वता, हरिणी, सघरा, मन्दाक्रान्ता। 10 अंक

अलंकार– काव्यशिक्षा(अष्टम शिखर) के आधार पर निम्नलिखित अलंकारों के लक्षण एवं उदाहरण–अनुप्रास, यमक, रङ्ग, वक्रोपतित, उपमा, रूपक, उल्लेख, अतिसाहित्य, अपरस्परप्रशासन, विभावना, विशेषोपकरण, व्यतिरेक, समालोचना, दृष्टान्त, दीपक, तुल्योपकरण, संदेह, भाविकात्मन। 10 अंक

3. संस्कृत साहित्य का इतिहास 25 अंक

(क) वीरकथा : रामायण तथा महाभारत
(ख) महाकाव्य – कालिदास, अश्वघोष, भारति, मधु।
(ग) गीती काव्य– कालिदास, भरतहरि, पण्डितराज जगन्नाथ।
(घ) गद्य काव्य– दधी, सुबंधु, बाणमल, अभिकाव्य व्यास।
(ङ) नाटय साहित्य– भास, कालिदास, शृंकर, विशाखदत्त।
(च) आधुनिक संस्कृत साहित्य (राजस्थान प्रान्त के विशेष संदर्भ में)
पं.गणेशराम राम कुमार, पं. महदुसूदन ओझा, भट्ट मधुरानंद शास्त्री, पदमशास्त्री,
श्री सुर्य नारायण शास्त्री।

4. अनुवाद (हिन्दी से संस्कृत) 10 अंक

अंक– विवरण

<table>
<thead>
<tr>
<th>क्र.स.</th>
<th>नाम उपनामक</th>
<th>लघुतरात्मक प्रश्न</th>
<th>अंक</th>
<th>निबन्धात्मक प्रश्न संख्या</th>
<th>अंक</th>
<th>अंकों का योग</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>अभिज्ञानशाकुत्तम</td>
<td>लघुतरात्मक 05</td>
<td>10</td>
<td>03</td>
<td>35</td>
<td>10+35=45</td>
</tr>
<tr>
<td>2.</td>
<td>छन्द (अभिज्ञानशाकुत्तम के आधार पर)</td>
<td>लघुतरात्मक 01</td>
<td>02</td>
<td>01</td>
<td>08</td>
<td>2+08=10</td>
</tr>
<tr>
<td>3.</td>
<td>अलंकार (काव्यशिक्षा अष्टम शिखर के आधार पर)</td>
<td>लघुतरात्मक 01</td>
<td>02</td>
<td>01</td>
<td>08</td>
<td>2+08=10</td>
</tr>
</tbody>
</table>

23
<table>
<thead>
<tr>
<th>प्रश्न-पत्र का निर्माण निम्नानुसार होगा –</th>
</tr>
</thead>
<tbody>
<tr>
<td>भाग ‘अ’</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>प्रश्न-पत्र का निर्माण निम्नानुसार होगा –</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. सभी प्रश्न अनिवार्य हैं।</td>
</tr>
<tr>
<td>2. प्रत्येक पुस्तक से लघूरत्तामक व निबन्धात्मक, व्याख्यात्मक प्रश्न पूछे जायेंगे।</td>
</tr>
<tr>
<td>लघूरत्तामक प्रश्न के 2 अंक निर्धारित हैं।</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>निबन्धात्मक / व्याख्यात्मक प्रश्न</th>
</tr>
</thead>
</table>

1. अभिज्ञानशास्त्रात्मक

<table>
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<th>भाग अ में 2—2 अंक के पाँच लघूरत्तामक प्रश्न पूछे जायेंगे।</th>
</tr>
</thead>
<tbody>
<tr>
<td>भाग ब</td>
</tr>
</tbody>
</table>

1. से 4 अंकों में से 4 श्लोक पूछकर उनमें से किन्हीं 2 की संस्करण व्याख्या पूछी जायेंगी।  |
2. से 2 अंकों में से 4 श्लोक पूछकर उनमें से किन्हीं 2 की संस्करण व्याख्या पूछी जायेंगी।  |
2. प्रश्नों में से 1 प्रश्न का उत्तर अपेक्षित है।  |
14 अंक
14 अंक
07 अंक
10 अंक
02 अंक
02 अंक
02 अंक
08 अंक
08 अंक

2. छन्द

<table>
<thead>
<tr>
<th>भाग अ में 2 अंक के एक लघूरत्तामक प्रश्न पूछा जायेगा।</th>
</tr>
</thead>
<tbody>
<tr>
<td>भाग ब</td>
</tr>
</tbody>
</table>

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

3. अलंकार

<table>
<thead>
<tr>
<th>भाग अ में 2 अंक के एक लघूरत्तामक प्रश्न पूछा जायेगा।</th>
</tr>
</thead>
<tbody>
<tr>
<td>भाग ब</td>
</tr>
</tbody>
</table>

4. अलंकार पूछकर उनमें से 2 के लक्षण एवं उदाहरण अपेक्षित है।  |
10 अंक

4. संस्कृत साहित्य का इतिहास

<table>
<thead>
<tr>
<th>भाग अ में 2—2 अंक के आठ लघूरत्तामक प्रश्न पूछे जायेंगे।</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 अंक</td>
</tr>
</tbody>
</table>

न्युज़ेडिवीडियुराल, 24
5. अनुवाद (हिंदी से संस्कृत)

10 वाक्यों में किन्हीं 5 वाक्यों का संस्कृत में अनुवाद।

सहायक पुस्तकें

अभिज्ञानशाकुंतलम्
1. अभिज्ञानशाकुंतलम् डॉ. गंगासागर राय, चौमध्य, संस्कृत प्रतिष्ठान, दिल्ली
2. अभिज्ञानशाकुंतलम् जगदीशप्रसाद शर्मा—चन्दन प्रकाशन, जयपुर
3. अभिज्ञानशाकुंतलम् सुबोधनचन्द्र पंत—मोतिलाल बनारसी, दिल्ली
4. अभिज्ञानशाकुंतलम् जगदीशलाल शास्त्री—मोतिलाल बनारसी दिल्ली
5. काफ्यार्दीपिका—परमेश्वरांनंद शर्मा, मोतिलाल बनारसी दिल्ली

संस्कृत साहित्य का इतिहास—
1. संस्कृत साहित्य की रूपरेखा—चन्द्रेश्वर पाण्डेय एवं नानूसार व्यास, चौमध्य प्रकाशन, दिल्ली
2. संस्कृत साहित्य का नवीन इतिहास—डॉ. शुक्लराम रामचंद्र, अजमेर बुक कं. जयपुर
3. संस्कृत साहित्य का आलोचनात्मक इतिहास—डॉ. रामजी उपाध्याय, रामनारायणलाल बेलरमाणव, इलाहाबाद
4. संस्कृत साहित्य का इतिहास—श्री सत्यनारायण शास्त्री, आर्य बुक डिपों, दिल्ली
5. संस्कृत साहित्य की प्रवृत्तियाँ—डॉ. जयकिशनप्रसाद खण्डेलवाल, विनोद पुस्तक मंदिर, आगरा
6. संस्कृत साहित्य का इतिहास—ए.श्री. कीथ, अनु. मंगलदेव शास्त्री—दिल्ली।
7. संस्कृत साहित्य का इतिहास—प्रो. राजवंश सहाय हीरा चौमध्य संस्कृत प्रतिष्ठान, दिल्ली
8. संस्कृत साहित्य का प्राचीन एवं अवर्ती इतिहास—डॉ. रामसिंह चौहान, रितु पवित्रलकेश, जयपुर
7. PHILOSOPHY

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

General Instructions:

(1) 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 up to 50 words. These questions will cover the entire units and there will be no unit wise division of the questions asked in this part.

(4) Part II of the question paper will be of 60 marks and students will 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.
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 Nilima Mishra : Tarkshastra, Lokabharti, Allahabad

Paper II: Ethics (Indian and Western)

Unit: A
1. Introduction: Concerns and presuppositions, theory of karma.
2. Dharma: its meaning, definition, classification; vidhi, nisedha & Arthavada: Purva Mimansa
3. Niskama Karma Yoga, Sthitprajna, Lokasamgraha
4. Purusarthas and their inter-relation, purusarththa: sadhana and sadhaya Mulya
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. Hiriyanna : The Indian Conception of Values.
P.V. Kane : The History of Dharmastra 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)
HISTORY

The scheme of examination will be as follows:

Scheme:

<table>
<thead>
<tr>
<th>Maximum Marks 200</th>
<th>Minimum Pass Marks 72</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper I 3 hrs. Duration</td>
<td>Marks 100</td>
</tr>
<tr>
<td>Paper II 3 hrs. Duration</td>
<td>Marks 100</td>
</tr>
</tbody>
</table>

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

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

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

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

परीक्षा योजना:

अधिकांश अंक 200

प्रथम प्रश्नपत्र समय 3 घंटे अंक 100

द्वितीय प्रश्नपत्र समय 3 घंटे अंक 100

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

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

20 अंको के प्रथम अर्थवर्तमान प्रश्न में, दो-दो अंक के 10 अनिवार्य अतिलघुउत्तरात्मक प्रश्न होंगे। प्रत्येक उत्तर की शीर्ष गुणा 20 शब्द।

20 अंको के द्वितीय अर्थवर्तमान प्रश्न में, चार-चार अंको के 10 अतिलघुउत्तरात्मक प्रश्न होंगे जिनमें से 05 प्रश्न करने होंगे। प्रत्येक उत्तर की शीर्ष गुणा 50 शब्द।

प्रश्नपत्र के द्वितीय भाग में, पाठ्यक्रम के तीन खण्डों में से, प्रत्येक खण्ड से दो-दो प्रश्नों का चयन करते हुए, 06 निबन्धात्मक प्रश्न होंगे। प्रत्येक प्रश्न 20 अंको का होगा। परीक्षार्थियों को प्रत्येक खण्ड में से एक निबन्ध का चयन करने हुए 03 प्रश्न हल करने होंगे। प्रश्नपत्र का यह भाग 60 अंको का होगा।

Dy. Registrar
(Academic)
University of Rajasthan
PAPER I: HISTORY OF MEDIEVAL INDIA (c. 1200-1761 A.D)

Section - A


Section - B


Section - C

प्रथम प्रस्तानतः मध्यकालीन भारत की सुधिकार का (1200--1761 ईस्वी)

खण्ड ३

दिशा सल्तनत के काल के शरीरों का सर्वेक्षण। तुर्की आक्रमण एवं दिल्ली प्रतिरोध। दिल्ली सल्तनत की स्थापना एवं थुरूक्करण। खलीजी साम्राज्य एवं तुगलकी नवप्रवर्तन। प्राचीन राज्यों का उदय। वहनरी एवं विजयनगर राज्यों का योगदान।

खण्ड ४

मुगल काल के शरीरों का सर्वेक्षण। मुगल साम्राज्य की स्थापना। शेरगाह सूरी का उदय एवं उसका प्रसाधन। अकबर के अधीन मुगल साम्राज्य का विस्तार एवं थुरूक्करण। मुगल राज्यनीति में नूरजहां 'जुलूस' की भूमिका। राजपूतों, सिखों, दक्कनी राज्यों, गराजों, फारसी एवं हिन्दुस्तानी लोगों के सात मुगलों की नीति। मुगलों की धार्मिक नीति। शियाजी का उदय तथा 1761 ईस्वी तक गराजों का विस्तार। मुगल साम्राज्य का पतन।

खण्ड ५

मध्यकाल (1200 से 1761 ईस्वी) में राजशाही, समाज, अर्थव्यवस्था एवं संस्कृति की मुख्य विशेषताओं का आलोचनात्मक अध्ययन। राज्य की प्रकृति। प्रशासनिक एवं कृषिपरक व्यवस्थाओं का विकास। अर्थव्यवस्था: कृषि, उद्योग, यातायात, बैंकिंग, नगरीय केंद्र। संसाधन सामाजिक वर्ग - उलेमा कुलीन वर्ग, कृषि वर्ग, दासप्रथा। सिक्कों की स्थिति। सम्बन्ध आंदोलन, महाराष्ट्र धर्म, सूफीवाद, सिक्का धर्म। कला, स्थापत्य एवं साहित्य की प्रगति। संस्कृतिक समन्वय हेतु प्रयास एवं समझ संस्कृति का विकास।

Books Recommended (अनुसारित पुस्तकों):


Hermann Kulke (ed.) : The State in India, 1000-1700 A.D., Delhi, 1997

A. Mahdi Husain : The Tughlaq Dynasty.

Satish Chandra : Medieval India – From Sultanaate to the Mughals, Part I, Delhi Sultanate (1205-1526), Part II, Mughal Empire (1526-1748) Delhi, 1997 (also in Hindi).

K. M. Ashraf : Life and Conditions of the People of Hindustan (1200-1550 A.D.), Delhi, 1970.

R. P. Tripathi : Rise and Fall of the Mughal Empire (also in Hindi), Allahabad, 1963

Some Aspects of Muslim Administration, Allahabad, 1964

By Registrar (Academic)
University of Rajasthan
PAPER II: MAIN TRENDS IN THE CULTURAL HISTORY OF INDIA

Section - A


Section - B


Section - C


द्वितीय प्रश्नपत्र: भारत के सांस्कृतिक इतिहास की मुख्य धाराएं

खण्ड - क

सांस्कृति का अर्थ। भारतीय सांस्कृति का प्रचालन तत्त्व एवं विशेषताएं। धर्म एवं सांस्कृति: वैदिक धर्म, बौद्ध धर्म एवं जैन धर्म, वैष्णव धर्म एवं शैव धर्म। मस्तिष्क आदर्श। भारत में इस्लाम एवं सूफी गत। दरशन एवं सांस्कृति: उपनिषदों का चित्रण, भगवदगीता।

खण्ड - ख

साहित्य एवं सांस्कृति: सामाजिक, महानायक एवं पुरुषों का महत्त्व। कालिकायाम, नूतनीय एवं रवीन्द्रनाथ टैगोर का शोध। सामाजिक संस्थाएं एवं सांस्कृति: प्राचीन भारत के सामाजिक आदर्शें - क्षण, आंध्रम, संस्कार, पुरुषार्थ। 19वीं एवं 20वीं शताब्दी के समाज-संस्कार आदर्श।
कला एवं संस्कृति: भारतीय कला की विशेषताएं। गंगेर रसायन की शैलियाँ। आयु, वैज्ञानिक।
पत्तन एवं चौंध गंगेर का साहित्य अध्ययन। कला के प्रवाह में विज्ञान का - रूप विज्ञान, अभाव विज्ञान, नृत्य विज्ञान। विशाल एवं संस्कृति - आर्यसमुदाय, परालिङ्ग, तरस एवं सुन्दर का भेष्यन।

Books Recommended (अनुसरित पुस्तकें):

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

विविध पाण्डे
भारतीय प्रसंग के मूल कवर, नई दिल्ली, 1993
भारत समाज - ताकतिक और ऐतिहासिक विषयों, नई दिल्ली, 1994

एन.के. देवराज
भारतीय दर्शन, लखनऊ, 1963

राजेन्द्र पाण्डे
हिन्दू संस्कृति वास्तव

जयशंकर शिशुर
प्राचीन भारत का सामाजिक इतिहास, पटना, 1999

ए.एल. श्रीवस्तव
भारतीय संस्कृति (अनुवाद)

वासुदेव शरण अग्रवाल
भारतीय कला

पृथ्वीकुमार अग्रवाल
भारतीय कला एवं मूर्ति, विज्ञानविद्यात्मक प्रकाशन,
वाराणसी, 2002

जैन शरणेय
उत्तर भारत के मंदिर, नेशनल बुक ट्रस्ट, नई दिल्ली

केशव शरणेय
भारतीय संस्कृति, ए.एल. बाहम

ए.एल. बाहम
अद्वैत भारत (अनुवाद)

33
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)
B.A PART (II)

Paper-I: Selected Political System

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

Section -A

Britain

Section -B

U.S.A.

Section -C

Peoples Republic of China, Japan and Switzerland.

Suggested readings:

- Digg & Zink: Modern Foreign Governments.
- Babulal Fadia: Vishwa Ke Pramukha Samvidhan.
- Iqbal Narain: Vishwa ke Samvidhan.
- R.C Agarwal: World Constitutions.
द्वितीय प्रश्न-प्रश्न: भारतीय राजनीतिक व्यवस्था

खण्डके'

भारत में राष्ट्रीय आंदोलन—भारत में राष्ट्रवाद का उदय, भारतीय राष्ट्रीय कांग्रेस एवं मुस्लिम लीग की स्थापना, उदारवादी और उदयवादी, गांधी व राष्ट्रीय आंदोलन, भारत में संवैधानिक विकास—भारत में शासन अधिनियम, 1919 (प्रथम शासन के विशिष्ट संदर्भ में), भारत शासन अधिनियम, 1935 (प्रांतीय स्वायत्तता के विशिष्ट संदर्भ में), संविधान निर्मात्री समा।

खण्डें'

संविधान की प्रस्तावना, संदीप व्यवस्था, मौलिक अधिकार, राज्य नीति के निर्देशक तत्व, संघीय कार्यालय: राष्ट्रपति, प्रधानमंत्री एवं मंत्रिपरिषद, संघीय संसद, उच्चतम न्यायालय एवं न्यायिक पुनरावलोकन, न्यायिक अनुदाय, जननिति यादिका, संविधान सशस्त्र विभाग के निर्देशक, संघ—राज्य संबंध, संवैधानिक एवं विभिन्न आयोग—निर्देशन आयोग, संघ लोक सेवा आयोग, राष्ट्रीय मानवाधिकार आयोग।

खण्डग'

राज्यों का शासन: राज्य व्यवस्थापिका, राज्य कार्यालय: राज्यपाल, मुख्यमंत्री एवं मंत्री परिषद, केंद्रीय राज्यों के विभेद दर्जा और उसके पूर्वाधार, दलीय व्यवस्था, भारत में पंतप्रधान की प्रकृति, भारतीय राजनीतिक व्यवस्था के सम्मुख प्रमुख चुनाविलोकक, राजिव गांधी, साम्राज्यविद्याकर, नकलवाद, अंतरराष्ट्रीय राज एवं नगर निकाय, 73 वें एवं 74 वें संविधान सशस्त्र निर्देशक की महत्ता।

अनुसंधान पुस्तकों—

N.D Palmer : The Indian Political System, Houghton Miffling, Boston, 1971
Basu, D.D : Introduction to Constitution of India
Keshyab, Subash : Our Parliament
Zaya Kheam, E. Bridgman, R.Sudershan (Editors): India’s Living Constitution, Permanent Black, New Delhi, 2006
राजीव कौशल: भारत में राजनीति, ओरिएंट लाइफमेंस, नई दिल्ली, 1972

विवेक नाथ: भारतीय राज्य व्यवस्था
श्री. एस. कहरी: भारतीय राज्य व्यवस्था
एस. एस. साईन: भारतीय राज्य व्यवस्था
श्री. ए. रामन: भारतीय संविधान
श्री. ए. खश्क: भारतीय राजनीतिक प्रणाली, आदर्श प्रकाशन, चौड़ा रास्ता, जयपुर
बालकू नाथ वीरेरी, युवराजकुमार भारतीय शासन एवं राजनीति, ओरिएंट लाइफमेंस, दिल्ली, 2011

36
Section - A


Section - B

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

Section - C

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

Suggested Reading:-

N.D Palmer : The Indian Political System, Houghton Mililing, Boston, 1971
Basu, D.D : Introduction to Constitution of India
Kashyab, Subash : Our Parliament
Zoya Hasan, E. Sridharen, R.Sudarshan (Editors): India’s Living Constitution, Permanent Black, New Delhi, 2006
रजनी कोठारी: भारत में राजनीति, ओरिएन्ट लाइटिज़म, नई दिल्ली, 1972
गोविन्द राम: भारतीय राज्य व्यवस्था
श्री. एस. फडिया: भारतीय राज्य व्यवस्था
एस. एस. सईद: भारतीय राज्य व्यवस्था
श्री. कृ. शर्मा: भारतीय संविधान
श्री. कृ. चक्क: भारतीय राजनीतिक प्रणाली, आदर्श प्रकाशन, चौंडा रास्ता, जयपुर
श्रीमान नाथ चौधरी: भारतीय शासन एवं राजनीति, ओरिएन्ट, ब्लैकरबान, नई दिल्ली, 2011

37

By Registrar
(Academic)
University of Rajasthan
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

Section —A

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

Section —B

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

Section —C

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

History of Indian Music

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

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

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

Section – A

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

Section – B

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

Section – C

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

[Signature]

Dy. Registrar (Academic)
University of Rajasthan
Jaipur
Practical (Vocal and Instrumental)

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

Duration of Exam. : 1 hour per candidates.

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

Detailed Course:

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

Candidate can offer any one of the following instruments:

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

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

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

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

5. To play a Dhun in any Raga.

Books Recommended:

1. Kramik Pustak Malika parts 2, 3 and 4 Sangeet Karyalaya, Hathras.

2. Tan Malika parts 2 and 3 (Purvardh) by Raja Bhaiya Poonchwal, Sangeet Karyalaya, Hathras.

3. Tan Sangrah by S.N. Ratanjankar.


5. Sitar Siksha by B.N. Bhatt.

6. Sitar Parts 1 to 3 by B.N. Bhimpure.

7. Saral Violin Parichaya by G.N. Goswami, Goswami Printers, Narahi, Lucknow.


9. A Short survey of the Music of the Northern India by Pt. V.N. Bhatkhande.

10. संगीत के जीवन पृष्ठ by S. Rai.


13. Sangeet Visharad by Basant.


15. Sangeet Kaumudi Vikramaditya, Singh Nigam.


(18) Music of Hindustan Four Strang ways.

(19) Origin of Ragas - Bandopadhyaya.

(20) The Music of India by H.A. Popley.

UNIVERSITY OF RAJASTHAN

Subject - Public Administration

<table>
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<tr>
<th>Scheme</th>
<th>Max. Marks</th>
<th>Mini Pass. Marks</th>
<th>Time</th>
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<td>Two Papers</td>
<td>200</td>
<td>72</td>
<td>3 Hrs.</td>
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<tr>
<td>Paper - I</td>
<td>100</td>
<td></td>
<td>3 Hrs.</td>
</tr>
<tr>
<td>Paper - II</td>
<td>100</td>
<td></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.

Organization of Government : Legislature -- its role and reasons for 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
5. जियाँड़ों खूं एवं अंतर सिद्धि: प्रशासनिक संस्थाएँ
6. Dr. H.C. Sharma: Prashasnik Sanstheyen.

B. Books for Reference:

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

जातीय तथा समाजवादी समाज में प्रशासनिक संस्थाएं, अहस्तक्षेपवादी राज्य, कल्याणकारी राज्य तथा प्रशासनीक राज्य की अवधारणाएं, सरकार का संगठन व्यवस्थापिका—इसकी भूमिका तथा आधुनिक समय में इसके हास के कारण: कार्यपालिका प्रकार तथा व्यवस्थापिका से सम्बन्ध: न्यायपालिका: कार्य तथा भूमिका—न्यायिक प्रक्रियाका की सल्लत के विशेष संदर्भ में, न्यायिक सक्रियता।

द्वितीय खण्ड

स्वतंत्रता तथा प्रशासन, लोकतांत्रिक प्रशासन के लक्षण, नौकरामी की भूमिका।

जातीय दल तथा दलवाल व समूह तथा इनकी पारस्परिक अन्तर्क्रिया, भारत में वित्त आयोग, बीजीपी आयोग तथा सार्वजनिक विकास धर्मकार्य की संगठन व प्रशासनिक कार्य प्रणाली, लिकाचन आयोग तथा भारत में निर्चन का प्रशासन।

तृतीय खण्ड

निर्माणकित प्रशासनिक संस्थाओं का संगठन तथा कार्य प्रणाली: 1. विश्वविद्यालय अनुदान आयोग, 2. संघ लोक सेवा आयोग, 3. रेलवे बोर्ड, 4. भारतीय रेलवे बैंक, 5. के जाक समाज कल्याण बोर्ड।

अनुशंसित पुस्तकें:

(अ) मुख्य पुस्तके:

1. ताल्लुक: एडुकेशनल स्टेट
2. संवेदन: गवर्मेंट इन बार्ड भोजपुरी
3. तरल: विद्यालय कल्याण अर्थ
4. पढ़ाई जारी रहे एंटीपिकः ओफ के गवर्मेंट अफ इंडिया।

Dy. Registrar
(Admin)
University of Rajasthan
JAIPUR
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.
University of Rajasthan

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

Books Recommended:

A. Core Books:
1. S.R. Maheshwari: Indian Administration.
2. S.S. Khera: District Administration in India.
3. M.V. Pylee: Indian Constitution (Hindi also)
6. Dr. H.C. Sharma: Bharat Mein Rajya Prashasan.
7. सी.एप. 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).

पाद्यक्रम:

द्वितीय प्रमाण पत्र: भारत में राज्य प्रशासन
प्रथम खण्ड
भारत में राज्य प्रशासन की वर्तमान स्थिति, राजस्थान के निर्देश रंगथ में, भारत में

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Dy. Registrar (Academic)
University of Rajasthan
Jaipur
**SCHEME:**

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

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

Note: The paper consists of two parts:
- Part - I: Carries 30 marks and 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, Sigiriyia Caves
- Paintings
- Pal and Aphrash Painting.
- Rajasthan 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 - Abindranath Tagore, Nandalal Bose
- Other Indian Artist - Yamin Roy, Rabindranath Tagore and Amrita Shergil

**Section - C**

- History of Indian Sculpture - Maurya Period - Ashoka Pillars, Yakshni of Didarganj and Yaksh Mturthilp.
- Sunga Period - Sanchi
- Kushan Period, Gandhara and Mathum Sculpture.
- Sculptures of Gupta Period.

**Books Recommended:**

2. History of Fine Arts in India & Ceylon - Vincent A. Smith (edited by K. Khomatalwala), 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 प्रबंधित सत्य, काशी
10. Fundamental of Indian Arts - S. Das Gupta.
11. भारतीय चित्रकला का संभावित इतिहास - शर्मा, लेखक वन्दन, कृष्ण प्रकाशन मोहनद्य (प्र.शि.)
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. Navlakh, Bombay.
2. Human figure by Vanderpol, Publisher J.V. Navlakh, 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.

Submission of Practical work:
Max. Marks: 20
Min. Pass Marks: 7
(a) Five plates from bust study in colour and three plates form bust study in pencil or charcoal.
(b) Five plates form creative portrait in colour and three plates form creative portrait in pencil or charcoal.
(c) A sketch book of not less than 50 sketches.

Instruction for submission:

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

Note:
(a) Candidate should pass in theory as well as in practical paper separately.
(b) There should be minimum 10 hours for the regular study including two hours for sketching.
(c) Minimum three demonstrations should be arranged by the subject expert during the session for each practical paper.
(d) The Department should also arrange for an Educational tour to Ancient Art centres like Ajanta, Ellora, Elephanta, Khajraho, 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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Scheme for B.A. (Pass.) Course (II Year) for the academic session 20__

**SOCIOLOGY**

**Scheme:**

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

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

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

Scientific Study of Social Phenomena

The scientific method, Steps in Social Research, Objectivity and subjectivity in social science

Hypothesis; Sources & Types

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

Unit II: Research Methods and Techniques:

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

Unit III: Classification and presentation of data

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

References:

eille, A and T.N.Madan. 1975. Encounter and Experience: Personal Accounts of
nd - Mrs. A.F. Sheikh For Vaks, Bombay, Tenth Reprint.

P.V. 1988. Scientific Social Surveys and Research
Paper II - Rural Sociology

Unit I: Introduction to Rural Sociology

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

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

Unit II: Social Structure of Rural India

Family, Caste, Kinship, Religion

Power relation and rural polity

Caste Panchayats

Unit III: Rural Transformation in India

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

Globalization & its impact on agriculture

ESSENTIAL READINGS:


V.R. Desai 1979 Rural India in Transition, Popular Prakashan, Bombay.

Sociology 31

Ifred D’ souza 1978 The Indian City; Poverty, Ecology and Urban development,

Anohar, New Delhi.

Unakrishna Mukarjee The dynamics of rural society, Berlin A C. Mukherjee 1957
SYLLABUS FOR THE SECOND YEAR B.A. IN FRENCH

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

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

PAPER - I: GRAMMAR
3 hours
75 marks

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

1. Les adverbs.
2. Les prépositions de lieu.
3. Les pronoms COD, COI, y, en, relatifs (qui, que, où, dont), le pronom personnel on, et les pronoms démonstratifs.
4. La comparaison de l’adjectif et de l’adverbe (plus, moins, aussi, autant que...).
5. L’impératif, la forme et la place des pronoms réfléchis à l’impératif.
7. Les adjectifs et les pronoms indéfinis.
8. Les adjectifs qualificatifs et leur place.
10. Participe présent et gérondif.
11. Le subjonctif présent.
PAPER II: WRITTEN EXPRESSION

Part A: Write TWO letters on the THREE given topics (25x2=50 marks)

Topics covered in class are as follows:
1. Write a letter to a friend describing your city
2. Write a letter to a friend inviting him on a birthday party.
3. Write a letter to your friend congratulating him on his Birthday/Job/Success in exams.
4. Write a letter to your friend describing your recent vacations.
5. Write a letter to a friend accepting an invitation.
6. Write a letter to a friend refusing an invitation.

Part B: Write ONE essay out of 4 topics given below. Word limit 300 words 25 marks

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

PAPER - III VIVA-VOCE 50

Teaching Books/material

Reference books:
2. Larousse compact Dictionary: French-English/ English-French
3. Conjugaison - Le Robert & Nathan
15. **GERMAN**

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

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

**Total Marks :** 200

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

**PAPER II : WRITTEN EXPRESSION**  
Max marks 75  
Time 3Hrs

A. Write TWO letters on the THREE given topics (25x2=50 marks)

Topics covered in class are as follows:

1. Write a letter to a friend describing your city
2. Write a letter to a friend inviting him on a birthday party.
3. Write a letter to your friend congratulating him on his Birthday/Job/Success in exams.
4. Write a letter to your friend describing your recent vacations.
5. Write a letter to a friend accepting an invitation.

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6. Write a letter to a friend refusing an invitation
7. Write ONE essay out of 4 topics given below. Word limit 300 words 25 marks

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

PAPER-III VIVA-VOCE

Recommended Books:
- Teste Dein deutsch –1
- Teste Dein Deutsch –2
- Studio 11 IA with work book and CDs
- Or Lagune 1A with work book and CDs (Left to the selection of books to the CoC as per availability and convenience)
- Eindrücke-Einblicke Lehr- und Arbeitsbuch
- Deutsche Sprachlehre für Ausländer – Dora Schulz & Heinz Griesbach
- Grammatik der deutschen Sprache by Helbig Buscha

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Examination Scheme

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

BA Home Science Part II

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

B.A. PART-II

HUMAN DEVELOPMENT (THEORY PAPER III)

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

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

Contents

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of study.
2. Principles of development 3
3. Role of Heredity and environment and learning and maturation in development. 3
4. Factors affecting development. 3

UNIT II
Development from conception to adolescence: 7
5. Physical development 7
6. Motor development 8
7. Socio-emotional development 8
8. Language and cognitive development

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

References:

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

Contents

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

Examination scheme:

1. **Major problem** - 25 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** – 15 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** – 10 Marks

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

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

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

1. Fiber
   - Classification
   - Properties and their importance to the consumer with special reference to the care.
   - Natural Fibers
     (a) Cotton
     (b) Wool
     (c) Silk
     (d) Jute
   - Manmade Fibers
     (a) Polyester
     (b) Polyamide
     (c) Rayon

2. Yarn
   - Simple Yarn
   - Novelty yarn
   - Textured yarn

3. Fabric: Different construction methods:
   - Weaving
   - Parts of loom
   - Steps in weaving
   - Types of weaves: Plain
     Twill
     Satin
   - Knitting
   - Felting
   - Lacing
   - Braiding

4. Finishing
   **Basic Finishes**
   - Bleaching
   - Sizing
   - Desizing
   - Singeing
   - Tentering
   **Functional finishes**
   - Wash and wear

---

**Hours**

1. Fiber: 10
2. Yarn: 2
3. Fabric: 8
4. Finishing: 7

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### UNIT I

<table>
<thead>
<tr>
<th>Topic</th>
<th>Marks</th>
</tr>
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<tbody>
<tr>
<td>2. Principles of development</td>
<td>3</td>
</tr>
<tr>
<td>3. Role of Heredity and environment and learning and maturaion in development.</td>
<td>3</td>
</tr>
<tr>
<td>4. Factors affecting development.</td>
<td>3</td>
</tr>
</tbody>
</table>

### UNIT II

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

### UNIT III

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

### References:


### HUMAN DEVELOPMENT – PRACTICAL III

Maximum marks: 50
Minimum marks: 18
Teaching workload: 2 practicals/week (2 hours/ practical)
Total teaching workload: 24 practicals/batch
5. Dyeing and Printing
   • Classification of dyes
     i. Natural
     ii. Synthetic
   • Classification of printing
     i. Direct
     ii. Resist
     iii. Discharge

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

Unit – II
Apparel Selection and Care

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

8. Climate, occasion, occupation, fashion, figure

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

10. Selection of readymade garments
   13. Appearance– Size, design, line and colours,
   14. Fabric- Durability, ease of care
   15. Workmanship- Cutting, sewing and finishing
   16. Cost & Fitting

11. Labelling
   • Textile fiber symbols
   • Care labelling symbols
Unit - III
Designing & Traditional Textiles


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

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

References:


TEXTILES AND CLOTHING (PRACTICAL IV)

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

Contents

Textiles

Make a Scrap book of the following

1. Fiber samples
   - Cotton fiber from - (Muslin, 2x2 Rubia, 2x1 poplin, Khadi)
   - Silk fiber from -(Georgette, Chiffon, Crepe, Tussar, Mulberry,)
   - Wool fiber from - Felt (wool)
   - Jute fibre from Gunny Bags & Ropes
   - Nylon fibre from Plastic Cord
   - Polyester fibre from Sewing Thread
   - Rayon fibre from Artificial Silk Dupatta
   - Yarn, Ply, textured and metallic yarn
5. Fabric Samples: Woven, Knitted and Non woven - Felt (wool)
6. Collection of care labels washing, ironing, dry-cleaning, bleaching
7. Fiber symbols (cotton, wool, silk)
8. Technical textiles: Bandages & Scotch Brite

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

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

Examination scheme

Total Marks: 50 marks
1. Major problem – 25 marks
   Construct any one garment
   Drafting and cutting of a garment
   Stitching and finishing of a garment

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

3. Internal -10 marks
TEXTILE-CRAFT

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

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

Syllabus (Theory):

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

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
### 18. INVESTIGATIVE BIO-TECHNOLOGY

<table>
<thead>
<tr>
<th>Scheme</th>
<th>Min. Pass Marks</th>
<th>Max. Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper-I</td>
<td>40</td>
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<tr>
<td>Paper-II</td>
<td>40</td>
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</tr>
<tr>
<td>Paper-III</td>
<td>40</td>
<td></td>
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<tr>
<td>Practical</td>
<td>120</td>
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<tr>
<td>Paper-I: Bio Chemistry and Systemic Bacteriology</td>
<td>Max. Marks-40</td>
<td></td>
</tr>
</tbody>
</table>

**Bio-Chemistry II**

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

Section - B

Systemic Bacteriology and other microbes
1. Classification of bacteria
2. Normal bacterial flora and its importance
3. Introduction and Laboratory methods of identification of:
   (i) Staphylococci
   (ii) Streptococci
   (iii) Pneumococci
   (iv) Neisseria
   (v) Diphtheria
   (vi) Anthrax
   (vii) Clostridia
   (viii) Enteric Gram Negative Rod
   (ix) Cholera
   (x) Pseudomonas
   (xi) Haemophilus and Bordetella
   (xii) Spirochetes
   (xiii) Spirillum and Leptospira
   (xiv) Rickettsial and Chalmydia
4. Mycology : General characters of Fungi : Yeast like fungi and their diseases; Dermatophytoases
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, Thrombosis and Embolism
4. Inflammation
5. Neoplasia, Benign and Malignant tumors

Practical (75x3 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. Cytochemical stains used in bone Marrow and P.B.F. for diagnosis.
8. Coomb's Test

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

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

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

Practical - Bases on Theory syllabus - Max. marks 50
THEORY PAPER-I

Fashion and Apparel Design

B.A./B.COM. MM- 30
B.SC. MM- 50

HRS-3

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.

References:

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

SECTION A

1. Market structure - Types of market, market survey, elements of cost.
3. Branded vs nonbranded market.
4. Types of garments exported.

SECTION B

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

SECTION C

Brief study of:
11. ECGC (export credit and guarantee corporation)
12. EIC (export inspection council)
13. IP (Indian institute of packaging)
14. ICA (Indian council of arbitration)
References:
1. Srivastav and Aggarwal: Vipdan Prabandh.
4. Daver, R.S.: Salesmanship and Publicity.

B.Sc./B.A./B.Com. Part – II
PRACTICAL – I
APPAREL DESIGNING

B.A./B.Com. – M.M. 60
B.Sc. – M.M. 25
HRS. - 4

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

B.Sc./B.A./B.Com. Part – II
PRACTICAL – II
CLOTHING CONSTRUCTION

B.A./B.Com. – M.M. 60
B.Sc. – M.M. – 25
HRS. - 4

1. Pattern making:
   i) Child, basic block and sleeve block.
ii) sleeve variations: slash and spread method-puff, bell, legomutton bishops sleeves.

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

iv). different types of collars.

v.) different types of yokes.

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

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

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

   i). piecing or patchwork


   iii). use of decorative emboideraries

   iv). trims

   v). paints and dyes

5. Introduction of fashion designing in fashion shows.

References:

1. Kallal Mary Jo, Construction.


3. Ireland fashion designing, drawing and presentation.

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

BA II

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

Examination:

<table>
<thead>
<tr>
<th>Scheme</th>
<th>Min. Pass Marks</th>
<th>Max. Marks</th>
</tr>
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<tbody>
<tr>
<td>Science - 54</td>
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<td>150</td>
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<tr>
<td>Arts - 72</td>
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<td>200</td>
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<table>
<thead>
<tr>
<th>Paper - I</th>
<th>Real Analysis and Metric Space</th>
<th>Duration</th>
<th>Max. Marks</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>3 hrs.</td>
<td>40 (Science)</td>
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<td>53 (Arts)</td>
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<table>
<thead>
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<th>Paper - II</th>
<th>Differential Equations</th>
<th>Duration</th>
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<td></td>
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<td>40 (Science)</td>
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<td>53 (Arts)</td>
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<table>
<thead>
<tr>
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<th>Numerical Analysis and Vector Calculus</th>
<th>Duration</th>
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<td></td>
<td>3 hrs.</td>
<td>40 (Science)</td>
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<td></td>
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<td>54 (Arts)</td>
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<table>
<thead>
<tr>
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<th>Numerical Methods</th>
<th>Duration</th>
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<tr>
<td></td>
<td></td>
<td>2 hrs.</td>
<td>30 (Science)</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>40 (Arts)</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. (20 candidates in each batch)

4. Each candidate has to pass in Theory and Practical examinations separately.
Paper – I: Real Analysis and Metric Space
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.

Real sequences - Limit and Convergence of a sequence, Monotonic sequences.


Reference Books:
5. 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.

Exact linear differential equations of nth order. Existence and uniqueness theorem.

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 4: Gauss 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.

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: Numerical Methods
Teaching: 2 Hours per Week per Batch

Examination: 

<table>
<thead>
<tr>
<th>Scheme</th>
<th>Science</th>
<th>Arts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max.Marks</td>
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<td>40</td>
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<tr>
<td>Min.Pass Marks</td>
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<td>13</td>
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Distribution of Marks:
Two Practicals one from each group

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<table>
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<tbody>
<tr>
<td>10 Marks each</td>
<td>=</td>
<td>20 Marks (13 Marks each)</td>
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<tr>
<td>Practical Record</td>
<td>=</td>
<td>05 Marks</td>
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<tr>
<td>Viva-voce</td>
<td>=</td>
<td>05 Marks</td>
</tr>
<tr>
<td>Total Marks</td>
<td>=</td>
<td>30 Marks</td>
</tr>
</tbody>
</table>

Duration: 2 Hours


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

Min. Pass Marks  Max. Marks

Arts  72  100

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. 1 consisting of very short type X (Ten) questions. The candidate is required to answer each question in 20 words. Part B shall contain question No. 2 consisting of V (five) questions. The candidate is required to answer each question in 100 words. Part C shall contain three essay type questions (one from each section) with internal choice.

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

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Paper I

Introductory Macro Economics

Section A


Section-B


Section-C


Recommended Books:
5. Sunil B. Gupta: Monetary Economics, S. Chand and Co. Ltd.
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 Determination, 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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Paper – II (b) History of Economic Thought

Section – A

Mercantilism: Views on Trade, Money, Prices, Wages and Employment. Physiocracy.

Section – B


[Signature]

Dy. Registrar
(Academic)
University of Rajasthan
Books Recommended:

1. Louise Haney, History of Economic Thought, Sanjit Publications, New Delhi
2. Eric Roll, History of Economic Thought, Faber and Faber (RPB)
3. Gide and Rist, History of Economic Doctrine

Dy. Registrar
(Academic)
University of Rajasthan
JAIPUR
(2-2) Geography

Scheme of Examination

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

Notes

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

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

3. Q.1 will be compulsory and will cover the entire course of the paper.
   Q. No. 1 of 20% marks of the maximum marks be set in two parts.
   (a) Part (a) will have ten items for locating on a map (to be supplied by examination centre) carrying 10% marks of the maximum marks and candidates shall attempt any five items.
   (b) Part (b) will have 10 short answer questions carrying 10% marks of the maximum marks and candidates shall attempt any five items.

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

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

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

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

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

कौशिक, एस.डी. 2010: संसाधन भूगोल | रसोगी प्रकाशन, नेशन.
मानव, बी. 1998: संसाधन भूगोल | रसोगी प्रकाशन, नेशन.

Paper II: Human Geography

Section A

according to Brinches 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:

हरिलाल, एम. 2006: समाजव स्थान भूगोल। वसुध्दर प्रकाशन, गोरखपुर।
कौशिक, एस.डी. 2012: मानव भूगोल। रसतोगी पब्लिकेष्न्स, मेरठ।
मोर, एस.डी. 2005: जनसंख्या भूगोल। शारदा पुस्तक भवन, एलोहाद।
पंड्या, वी.ची. 2001: जनसंख्या भूगोल। कविदेशा हिंदी तन्त्र अकादमी, भोपाल।
पाण्ड्य, वी.ची. 2009: मानव भूगोल। वसुध्दर प्रकाशन, अध्ययन।

Practicals

Scheme of examination

Min. Pass Marks: 18

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

Max. Marks: 50

| Bifurcation of Marks | Time |
| 24 | 3 hrs |
| 10 + 04 | 2 1/2 hrs. |

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

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 diagrams, 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

Elements of map reading. History of topographical maps in India, Scheme of topographical mapping in India as per National Map Policy, 2005. Conventional symbols and interpretation of physical and cultural features on topographical maps.

Prismatic Compass survey: equipments, methods of measurement of bearings, correction of bearings, record of survey closing error and its corrections.

Recommended Readings:


Gupta, J. B. 2011: भूगोल के समस्त व्याख्यान | रस्तों की तलाश और रेल | Rastogi Prakashan, Delhi.


Unit I
(Statistical Inference)

Paper I

**Note:** In each question/paper, 10 (ten) questions will be set having questions in all, taking not more than one from each unit.

<table>
<thead>
<tr>
<th>Paper I</th>
<th>Paper II</th>
<th>Paper III</th>
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<tbody>
<tr>
<td>Practice based on Practical Applications in Statistical Inference</td>
<td>70 marks</td>
<td>65 marks</td>
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<tr>
<td>Science in Society and Industry</td>
<td>70 marks</td>
<td>65 marks</td>
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<td>Arts</td>
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MARKS

<table>
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<th>STATISTICS</th>
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<tbody>
<tr>
<td>80</td>
<td>93</td>
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</table>
Testing Normal Population Variance, Test for Goodness of fit, Contingency table & Independence of attributes, Yate's correction 18 hours

Unit-II

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

Unit-III

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

Unit-IV

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

Unit-V

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

REFERENCES:

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ADDITIONAL REFERENCES:

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

Unit-I

18 hours

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

18 hours

Unit-III
Time Series Analysis: Definition, its different components, illus.
trations, additive and multiplicative models. Different Methods for
determination of trend & seasonal fluctuation along with their merits
& demerits

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.

Unit-V

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

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

ADDITIONAL REFERENCES:
Publishing Co.
Agency.
Subject: Statistics Paper III

University of Lusaphia
## Paper I (Statistical Inference)

### Applied Statistics

Subject:

Papers in all units will have not more than one question from each unit. The questions in all units will be set so that the questions in each unit will be of equal difficulty. The questions will be of two types: short answer and problems. From each unit, candidates have to answer five questions (i.e., two short answer questions and three problems). Questions will be set so that they are of equal difficulty.

### Marks Scheme

<table>
<thead>
<tr>
<th>Subject</th>
<th>Paper I</th>
<th>Paper II Statistic Applications in 50 marks</th>
<th>Paper III Practical Based on 50 marks</th>
<th>Paper IV Sociology and Industry 50 marks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>50 hours</td>
<td>70 marks</td>
<td>65 marks</td>
<td>65 marks</td>
</tr>
</tbody>
</table>

**Note:** In each Question Paper, 10 (ten) questions will be set having a total of 150 marks.

<table>
<thead>
<tr>
<th>Paper I</th>
<th>Paper II</th>
<th>Paper III</th>
<th>Paper IV</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 marks</td>
<td>70 marks</td>
<td>65 marks</td>
<td>65 marks</td>
</tr>
</tbody>
</table>

**Subject:**

- Nomencalate
- Science
- Arts

**No. of Week per hour per marks scheme:**

- 200 10 hours
- 150

**Total:** 350 hours

**Applied Statistics**
proof) Applications. Testing Normal Population variance. Test for Goodness of fit; Contingency Table & Independence of attributes, Yates's correction

Unit-II
- t-Distribution: Definition of Student's t & Fisher's t Statistic. Property and Applications of t-distribution for testing-Single mean, difference of two means, observed sample correlation coefficient Paired t-test., F-Distribution: Definition, Mean, Variance & mode. Application of F distribution- Testing of equality of two variances. Relationship between t, F and Chi-square Distributions. Without proof. 18 hours

Unit-III
- Theory of Estimation: Point Estimation- Problems for Point Estimation; Criterion of a good estimator (Unbiasedness, Consistency, Efficiency, Sufficiency). MVUE. Method of moments Methods of Maximum likelihood Interval Estimation-. Confidence Interval for mean, variance, difference of means and ratio of variances for normal populations. 18 hours

Unit-IV
- Testing of Hypothesis: Simple, Composite. Null and Alternative Hypothesis. Types of error. Critical region. BCR, Neyman-Pearson's Lemma (statement only) and its application. BCR in case of Binomial, Poisson, and Normal Population. 18 hours

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

REFERENCES:

[Signature]
Dy. Registrar (Academic)
Practical Paper

Paper III

Counselling, counselling & guidance, that is of subject statistics.

SOCIETY AND INDUSTRY

APPLICATIONS IN

Paper II

Subject: Applied Statistics

John Wiley and Sons

E. E. Dudgeon, E. S. N. Mishra, Modern Mathematical Statistics


M. S. Baker and Walpole, R. E., Mathematical Statistics

A. M. Mood, F. A. Graybill and D. C. Boes, Introduction to Probability Theory and Applications

References:

University of Rajasthan
# SCHEME OF EXAMINATION:

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

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

**NOTE:**

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

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

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

**Section-C** will contain 3 long questions each with internal choice. Each question will be of 15 marks for Arts students and 10 marks for Science students. Thus, Part-C will be of 45 marks for Arts students and 30 marks for Science students.

[Signature]

Dy. Registrar
(Academic)
University of Rajasthan
Jaipur
For clarification the distribution of marks is tabulated as below:

**ARTS**

<table>
<thead>
<tr>
<th>Section</th>
<th>No. of Questions</th>
<th>Marks</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>10</td>
<td>1.5</td>
<td>15</td>
</tr>
<tr>
<td>B</td>
<td>5 (Out of 7)</td>
<td>0.3</td>
<td>15</td>
</tr>
<tr>
<td>C</td>
<td>3 (with internal choice)</td>
<td>1.5</td>
<td>45</td>
</tr>
<tr>
<td></td>
<td><strong>Total Marks</strong></td>
<td></td>
<td><strong>75</strong></td>
</tr>
</tbody>
</table>

**SCIENCE**

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

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

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**Paper-I**

**Psychopathology**

**Section-A**

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

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

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

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[Dy. Registrar (Academic)]

University of Rajasthan

JAIPUR

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Section-B


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

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

Section-C


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

Books Recommended:

- अरुण कुमार सिंह (2002) आबादित अतिसामान्य मनोविज्ञान, दिल्ली, मोटीलल बनर्जी प्रकाशन।

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University of Rajasthan
JAIPUR

103
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


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

Works Recommended:

- कपिल एच.के. : सांख्यिकी के मूलतत्त्व, आग्रह, विनोदपुस्तकमन्दिर।

Paper-III:

Practicals

1. Assessment of Mental Health.
2. Assessment of State and Trait Anxiety.
5. Assessment of Family Pathology.
6. Word – Association Test
7. Eight-State Questionnaire.
8. Neuropsychological Assessment.
9. Stress: Measurement and Analysis of Group Data (Mean and Median)
10. Stress: Measurement and Analysis of Group Data (t’ test)
The text in the image is not legible due to handwriting. It appears to contain notes or annotations.
प्रथम प्रश्न पत्र : मध्यकालीन राजस्थानी गद्य

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

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

(ग) एक प्रश्न—मध्यकालीन गद्य विधाओं और साहित्य पर। 1 \times 16 = 16

पाठ्य पुस्तकें:
1. राजस्थानी बात संग्रह, सम्पादक मनोहर शर्मा, साहित्य अकादमी, रवीन्द्र भवन, नई दिल्ली। इस संग्रह की निम्नलिखित 15 बार्त—
2, 7, 15, 20, 21, 23, 29, 32, 35, 36, 37, 44, 46, 48
2. मारवाड़ रा उमरवां री बाला, संपादक—सौभाग्य सिंह शेरहाल।

संदर्भ प्रश्न:
1. राजस्थानी साहित्य की गोरखपुर्ण परसंपत्त—अगरचंद नाहदा, रायकुमार प्रकाशन, दिल्ली
2. राजस्थानी बात साहित्य : डॉ. मनोहर शर्मा, राजस्थानी शोध संस्थान, चोपार, जोधपुर।
3. राजस्थान बात साहित्य : डॉ. पुस्तक दादा, राजस्थानी भाषा, साहित्य पत्र संस्कृति अकादमी, बीकानेर।
4. राजस्थानी गद्य उद्धव और विकास—डॉ. अचल, सादूल राजस्थानी रिसर्च इन्स्टीट्यूट, बीकानेर।

द्वितीय प्रश्न-पत्र : मध्यकालीन राजस्थानी काव्य
इस प्रश्न पत्र में पाँच प्रश्न होंगे।

(क) प्रत्येक पुस्तक से एक—एक व्याख्या (कुल तीन व्याख्याएँ) 3 \times 12 = 36

(ख) प्रत्येक पुस्तक पर एक-एक आलोचनात्मक प्रश्न (कुल तीन प्रश्न) 3 \times 16 = 48

(ग) मध्यकालीन राजस्थानी काव्य विधाओं और साहित्य पर एक प्रश्न 1 \times 16 = 16

पाठ्यपुस्तकें:
1. हालां झाला री कण्डलियाँ—संपादक डॉ. मोतिलाल मेनारिया, राजस्थानी ग्रंथागार,
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:


Bhattarcharya, D.K., 1966, An Outline of Indian Pre-history, Delhi, Palika Prakashan.

B.A. Part II

Paper-II Research Methodology

UNIT-I


Formulating a research problem: importance and source.

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 सिद्धान्त: शास्त्रीय एवं आधुनिक, नई दिल्ली, कान्सेप्ट पब्लिशिंग हाऊस।
Paper-I  Acting and Speech (Theory)

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

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

Books Recommended:
B. A. Part – II (Drama) Practical Examination 2018-19

PRACTICAL PAPER – I

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

1. 15 new yogic Asanas and psycho Games.
2. Improvisations with given motives.
3. Practice of emotions based on Rasa and bhava

PRACTICAL PAPER – II

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

1. Voice & Speech – Various exercises
2. Participation in the production
3. Submission of work Book and special assignments.

Dy. Registrar – (Academic)
University of Rajasthan
Jaipur

112
Papers 1 and 2: Data Base Management Systems

Performance improvement in databases
Security considerations in database management systems
Introduction to database commands, development of
Database control language.
and where data description language, data manipulation
Relational databases: application of DBMS systems.
Category of DBMS systems: Network, Hierarchical and
Structured Programminin

Science

Practical: Programming Laboratory and Computer Graphics
Paper II: Structured Programming

Paper I: Data Base Management System

The duration of these papers will be 3 hours.

On-the-job Training (4 weeks)

70 0 50

(Comment for B.A/B.Com/B.Sc.

COMPUTER APPLICATIONS)
Syllabus B.A. Part-II


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

Development of a business application in RDBMS.

Paper-II: Structured Programming and Computer Graphics


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

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

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

Practical

Development of a business application using C.

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

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

Dy. Registrar
(Academic)
A) Meaning and concept of Anatomy, Physiology and Exercise

Introduction

Time: 3 hours
Max. Marks: 60
Min. Pass Marks:

Paper I: Anatomy and Physiology of Exercise

Theory and practical exam. separately.

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

30 PHYSICAL EDUCATION
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, terminology 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. तेजस्वी सार : मानस क्रिया विज्ञान : हिन्दी मानस क्रिया विज्ञान, अमरसागर
9. श्याम शर्मा : शरीर रचना एवं शरीर क्रिया विज्ञान : शरीर क्रिया प्रविष्ट, जोगपुरा
10. आरम्भिक व जीवनसाधन : नस्लें के संबंध में शरीर सम्बन्धी ज्ञान : एन.आर. ब्राह्म, इंदौर
11. कंबर रचना चन्द्र : शरीर क्रिया विज्ञान व स्वास्थ्य शिक्षा : अमित ब्राह्म, नागपुर
12. ध्यानी नी.एम. : शरीर क्रिया विज्ञानीया : चौधर्य आर्यान्तर, वाराणसी
13. पाण्डे के. और वर्मा वी. : शरीर क्रिया विज्ञान, हिंदी मा.का. निवेशालय, दिल्ली
14. अजयेश शर्मा और अन्वय कंतरी : शिक्षा स्वास्थ्य एवं खेलों की आधुनिक पाठ्य पुस्तक (बी.ए. पार्ट II, III) : केदारनाथ प्लिंकेस, लुधियाना

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

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

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

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

Unit IV : Facilities and Equipments
1. Need and importance of equipments for Physical Education.
2. An ideal list of equipments for Physical Education.
3. Realistic approach in purchases, purchases procedures.
4. Development of improvised equipment and storekeeper.
Unit V: Office Management and Budget.
(a) Maintenance of Records, Filing and Office correspondence.
(b) Physical Education Budget and its preparation, Maintenance of Accounts, Income & Expenditure (Sources).

Books Recommended:
6. कवर आर.सी.: शारीरिक शिक्षा संगठन एवं प्रशासन, अभिनव ब्रह्म, नगपुर।
7. अशोका पी.के.: शारीरिक शिक्षा में संगठन, संचालन एवं मनोरंजन, प्रकाश ब्रह्म, लुधियाना।
8. कमलनाथ ए.के. और श्रीवास्तव ए.के.: शारीरिक शिक्षा संगठन, प्रशासन, पर्यवेक्षण एवं सिद्धि, समूह प्रकाशन, अमावसी।
9. मोहनराम वाणिज्य और दीक्षित ए.के.: शारीरिक शिक्षा में शिक्षण विधियाँ: श्रीलीगंज रेलवे कॉर्सिंग, लखनऊ।
10. पाण्डेय लक्ष्मीकान्त: शारीरिक शिक्षा की शिक्षण पद्धति, मैट्रिकोल्टन बुक कं.प्र.लि., नई दिल्ली।
11. जैगित्र राजेन्द्र प्रसाद: शारीरिक शिक्षा का संगठन व विधियाँ: श्रीयांश पब्लिकेशन, बंगापुर।
12. श्रीवास्तव ए.के.: शारीरिक शिक्षा और खेल में संगठन एवं पर्यवेक्षण, दिल्ली।
13. अजयजी सिंह और अन्य: शारीरिक शिक्षा स्वास्थ्य एवं खेलों की आधुनिक पाठ्यपुस्तक (श्री.ए. पार्ट I, II, III): कल्याणी पब्लिकेशन, लुधियाना।
14. सिद्धान्त अशोक कुमार: शारीरिक शिक्षा सिद्धांत, मनोविज्ञान एवं इतिहास: श्रीयांश पब्लिकेशन, जयपुर।
(a) Cricket (b) Hockey (c) Khao-Kho (d) Yoga

40 MARKS

Following:

2. Any one Game of candidates choice from the
   following:
   - Triple Jump
   - Pole Vault
   - Hammer
   - Hammer and Walk

40 MARKS

Athletics (Compulsory)

1. Techniques (and give performance/demonstration in the following:
   - Techniques)

A candidate shall be required to show his/her familiarity with

The practical examination shall be conducted by a panel of

Practical

Max. Marks 80 Min. Pass Marks 24

Syllabus B.A. Part-I
34. INDIAN HERITAGE IN RURAL HANDICRAFTS

Scheme

<table>
<thead>
<tr>
<th></th>
<th>Max. Marks</th>
<th>Min. Pass</th>
<th>Marks</th>
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<tbody>
<tr>
<td>1. Theory : One Paper 3 hrs.</td>
<td>60</td>
<td>22</td>
<td></td>
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<tr>
<td>2. Practical</td>
<td>80</td>
<td>28</td>
<td></td>
</tr>
<tr>
<td>3. Submission</td>
<td>60</td>
<td>22</td>
<td></td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>200</strong></td>
<td><strong>72</strong></td>
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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.
4. Classification of raw materials method of identifying defects. 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**

<table>
<thead>
<tr>
<th></th>
<th>Max. Marks</th>
<th>Min. Pass</th>
<th>Marks</th>
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<tbody>
<tr>
<td>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.</td>
<td>80</td>
<td>28</td>
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<tr>
<td>b) Paper machine work: Preparation of toys dolls pots and decorative items.</td>
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**Submission Works**

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<tr>
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<th>Max. Marks</th>
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<tbody>
<tr>
<td></td>
<td>60</td>
<td>22</td>
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By, Registrar
(Academic)
University of Rajasthan
TAIPUR
(2) Candidates should pass in theory as well as in practical paper separately.

The marks of the examination and submission are not examiners. In case there is a difference between the external examiner shall be empowered to review the work of submission. However, the marks in the submission of examination will be awarded by the subject teacher (Internal). The marks in the submission of Rural Handicrafts at the college 15 days before the commencement of examination.

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