UNIVERSITY OF RAJASTHAN
JAIPUR
SYLLABUS
B.A. Part-I
EXAMINATIONS - 2018
CONTENTS

SCHEME OF EXAMINATION & DISTRIBUTION OF MARKS

SYLLABUS:

Compulsory Subjects (Four):
1. सामान्य हिंदी (General Hindi)
2. General English (Essential Language Skills)
3. Environmental Studies
4. Elementary Computer Applications
5. प्रारंभिक हिंदी (Elementary Hindi) (in Lieu of Gen. Hindi)

Optional Subjects (Any Three):
1. English Literature
2. Hindi Sahitya
3. Urdu
4. Persian
5. Arabic
6. Sanskrit
7. Philosophy
8. History
9. Political Science
10. Indian Music
11. Public Administration
12. Drawing & Painting
13. Sociology
14. French
15. German
16. Home Science
17. Textile Craft
18. Garment Production & Export Management
19. Investigative Bio-Technology
20. Mathematics
21. Economics
22. Geography
23. Statistics
25. Psychology
26. Rajasthani
27. Sheep and Wool
28. Live Stock and Dairying
29. Anthropology
30. Dramatics
31. Physical Education
32. Indian Heritage in Rural Handicrafts
33. Computer Application

Dy. Registrar
(Academic)
University of Rajasthan
JAIPUR
<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Name of the Subject</th>
<th>No. of Papers</th>
<th>Duration</th>
<th>Max. Marks</th>
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(Syllabus B.A. Part-I)

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Practicals

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Two Practicals

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Theory Paper III 2½ hrs. 44
Practical Paper II: 2 hrs. 24

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Dy. Registrar (Acad.)
University of Rajasthan
JAIPUR
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2. Common papers in the subjects of Statistics, Mathematics, Economics, Geography and Psychology will be set both in the Faculties of Social Sciences and Science. The allocation of marks will however be different as mentioned in the booklet of syllabus.
नोट: 36 से कम अंक लाने पर छात्रों को उत्तीर्ण नहीं किया जायेगा। इस प्रश्न-पत्र में प्राप्त अंकों को श्रेणी निर्धारण हेतु नहीं जोड़ा जायेगा।

अंक विभाजन - प्रश्न पत्र में दो भाग होंगे - 1. साहित्य खण्ड एवं 2. व्याकरण खण्ड। साहित्य खण्ड में दो भाग होंगे - गद्ध भाग एवं पद्ध भाग। प्रत्येक खण्ड के लिए 50 अंक निर्धारित है।

50 अंक

क  
यह दो वाक्य पद से (प्रत्येक में विकल्प देना है)  
5 x 2 = 10 अंक

ख  
यह दो वाक्य गद्ध से (प्रत्येक में विकल्प देना है)  
5 x 2 = 10 अंक

ग  
आलोचनात्मक प्रश्न पद से (विकल्प देना है)  
\(\frac{7}{2}\) x 2 = 15 अंक

घ  
आलोचनात्मक प्रश्न गद्ध से (विकल्प देना है)  
\(\frac{7}{2}\) x 2 = 15 अंक

साहित्य खण्ड - ‘क’ - गद्ध-पद्ध की निर्धारित रचनाओं

गद्ध भाग -

1. कहानी - प्रेमचन्द - बड़े भाई साहब
2. संस्मरण - कन्हाबाबुलाल मिश्र प्रभाकर - व्यालिस के ज्ञार की उन लहरों में
3. रेखाखिंचा - रामबुश केरामुरी रंजिया
4. विज्ञान - गुणाकर गुले - शानि एवं सुनदर ग्रह
5. निबंध - अमरचन्द नाहटा - राजस्थान की सांस्कृतिक घरोहर
6. व्यंग्य - शाड़ जोशी - जोप पर सवा इत्यादी
7. पर्यावरण - अनुयुग भाषा - आज भी खो जाता है तालाब

पद्ध भाग - (कबीर गंगावली से सं. - रामचन्द्र दास)

1. कबीर - साक्षी सं. - गुरुदेव को अंग - 7,12,26,30
2. सूरदास सूरसागर सार - सं. डॉ. धीरेन्द्र वर्मा - सं. 10,17,24,26
3. सुनरण - विनय मंकत्प पद सं. - 21,33 - वंजुली लीला पद सं. - 55,58
4. निवासी - गोरखपुर पद सं. - 10,28 - जवान लीला पद सं. - 77,79
5. तुलसीदास - विनय पत्रिक, गीताक्रास, गोरखपुर पद सं. - 87,88,90,158
6. नीति - पद्माचल सं. - कल्याण प्रसाद सं. - 2,4,5,10
7. गीत - गीत - नीति - रामसार सं. - सत्याचार रामचन्द्र (उदा दोहे)
8. विज्ञान - गुप्त - मनुष्यता, हम राज्य लिए मरते हैं (गीत-साक्षे के नवम लिखितों से)
9. द्वारकानाथ - नीति - हिंदुस्तान, वास्तवायन अंशों - वैद्यकीय
10. रामचा सिंह दिनकर - विपथणा, समर शोष है
<table>
<thead>
<tr>
<th>खण्ड – ‘ख’</th>
<th>50 अंक</th>
</tr>
</thead>
<tbody>
<tr>
<td>व्याकरण/व्याकरणिक हिन्दी खण्ड</td>
<td></td>
</tr>
<tr>
<td>1. निबन्ध लेखन – शब्द सीमा 300 शब्द</td>
<td>8 अंक</td>
</tr>
<tr>
<td>2. कार्यालयी लेख – शासकीय – अर्द्धशासकीय पत्र, कार्यालय ज्ञापन, विज्ञप्ति एवं कार्यालय आदेश, अविसूचना, पृष्ठांकन 4 x 2 =</td>
<td>8 अंक</td>
</tr>
<tr>
<td>3. संक्षेपण</td>
<td>4 अंक</td>
</tr>
<tr>
<td>4. पत्रपाठ</td>
<td>5 अंक</td>
</tr>
<tr>
<td>5. शब्द निर्माण प्रविधि – उपसर्ग, प्रत्यय, संधि, समास</td>
<td>5 अंक</td>
</tr>
<tr>
<td>6. शब्द शुद्धि एवं वाक्य शुद्धि</td>
<td>5 अंक</td>
</tr>
<tr>
<td>7. मुहावरे एवं लोकवित्त</td>
<td>5 अंक</td>
</tr>
<tr>
<td>8. परिभाषणिक शब्दावली</td>
<td>5 अंक</td>
</tr>
<tr>
<td>9. शब्द के प्रकार – संज्ञा, सर्वनाम, विशेषण, क्रिया एवं क्रिया विशेषण</td>
<td>5 अंक</td>
</tr>
</tbody>
</table>

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2. GENERAL ENGLISH
2017-18

Duration: 3 hrs.                      Max. Marks: 100

Minimum Pass Marks: 36

The syllabus aims at achieving the following objectives:

1. Introducing students to phonetics and enabling them to consult
dictionaries for correct pronunciation (sounds and word stress)
2. Reinforcing selected components of grammar and usage
3. Strengthening comprehension of poetry, prose and short-stories
4. Strengthening compositional skills in English for paragraph
   writing. CVs and job applications.

The Pattern of the Question Paper will be as follows:

Unit A: Phonetics and Translation        (20 marks)
(10 periods)

I Phonetic Symbols and Transcription of Words   (05)
III Translation of 5 Simple sentences from Hindi to English (05)
               from English to Hindi (05)
IV Translation of 05 Words from Hindi to English (2 1/2)
               from English to Hindi (2 1/2)

Unit B: Grammar and Usage                (25 marks)
(10 periods)

I Elements of a Sentence                  (05)
II Transformation of Sentences           (05)
a. Direct and Indirect Narration  
b. Active and Passive Voice

II Modals (05)  
III Tense (05)  
IV Punctuation of a Short Passage with 10 Punctuation Marks  
(05)  
(As discussed in Quirk and Greenbaum)

Unit C: Comprehension (25 marks)

Following Essays and Stories in *Essential Language Skills* revised edition compiled by Macmillan for University of Rajasthan General English B. A. /B. Com./B. Sc.  
Candidates will be required to answer 5 questions of two lines each to be answered out of 10 questions. There would be two questions from the prescribed text. (10)

Sujata Bhatt  
Voice of the Unwanted Girl
Ruskin Bond  
Night Train for Deoli
M.K. Gandhi  
The Birth of Khadi
J.L. Nehru  
A Tryst with Destiny
A.P.J. Abdul Kalam  
Vision for 2020

The candidates will be required to answer 5 questions from the given unseen passage. (10)  
One vocabulary question of 10 words from the given passage. (5)

Unit D: Compositional Skills (30 marks)  
(15 periods)

I Letters-Formal and Informal (10)  
II CV’s Resume and Job Applications and Report (10)  
III Paragraph Writing (10)
Recommended Reading:


Singh, R.P. Professional Communication. OUP. 2004

Judith Leigh. CVs and Job Applications. OUP. 2004


Quirk and Greenbaum: A University Grammar of English Longman, 1973
Compulsory Paper of Environmental Studies

Compulsory in 1 Year for all streams at undergraduate level

Scheme of examination

<table>
<thead>
<tr>
<th>Time</th>
<th>Min Marks</th>
<th>Max. Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 hrs</td>
<td>36</td>
<td>100</td>
</tr>
</tbody>
</table>

This paper will contain 100 multiple choice questions. Each question will carry 1 mark.

Students should be encouraged to visit places of Environmental Importance including Natural and Manmade Habitat.

Note:
1. The marks secured in this paper shall not be counted in awarding the division to a candidate.
2. The candidates will have to clear this compulsory paper in three chances.
3. Non-appearing or absence in the examination of compulsory paper will be counted as a chance.

Unit 1: The Multidisciplinary nature of environmental studies

Definition, scope and importance- Relationship between Environmental Studies and other branches of science and social sciences.

Need for Environmental awareness, Environmental education in present day context.

Unit 2: Natural Resources and Challenges

a. Natural resources and associated problems, Classification of resources: renewable resources, non-renewable resources, classes of earth resources, resources regions: Definition and criteria, resource conservation.

b. Forest resources: Use and over-exploitation, deforestation, case studies. Timber extraction, mining, dams and their effects on forest and tribal people.

c. Water resources: Use and over-utilization of surface and groundwater, floods, drought conflicts over water, dams-benefits and problems.

d. Mineral resources: Use and exploitation, environmental effects of extracting and using mineral resources, case studies.

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e. Food resources: World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticides problems, water logging, salinity, case studies.

f. Energy resources: Growing energy need, renewable and nonrenewable energy sources, use of alternate energy sources. Case studies.

g. Land resources: Land as a resource, Land degradation man induced landslides, soil erosion and desertification.
   - Role of an individual in conservation of natural resources.
   - Equitable use of resources for sustainable lifestyles.

Unit 3: Ecosystems, Concepts, Structure, Functions and Types
- Concept of an ecosystem
- Structure and function of an ecosystem
- Producers, consumers and decomposers
- Energy flow in the ecosystem
- Ecological succession
- Food chains, food webs and ecological pyramids
- Introduction, types characteristics features, structure and function of the following ecosystem:
  a. Forest ecosystem, Tropical Temperate and Alpine Ecosystem
  b. Grassland ecosystem and Their Types
  c. Desert ecosystem with emphasis on Thar Desert
  d. Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries) and Wet Lands

Unit 4: Biodiversity and its conservation
- Introduction -Definition, genetic, species and ecosystem diversity
- Biogeographically classification of India
- Value of biodiversity : consumptive use, productive use, social ethical, aesthetic and option values
- Biodiversity at global, National and local level
- India as a mega-diversity nation
- Hot-sport of biodiversity
- Threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts
- Endangered, Threatened and endemic species of India
- Conservation of biodiversity: In-situ and Ex-situ conservation of biodiversity
- Red Data Book
Unit 5: Environmental Pollution and Control Measures

- Causes, effects and control measures of:
  - Air Pollution
  - Water Pollution
  - Soil Pollution
  - Marine Pollution
  - Noise Pollution
  - Thermal Pollution
  - Nuclear Hazards
- Solid waste management: Causes, effects and control measures of urban and industrial wastes
- Role of an individual in prevention of pollution
- Pollution case studies
- Disaster management: floods, earthquake, cyclone and landslides

Unit 6: Social Issues, Environment, Laws and Sustainability

- From Unsustainable to Sustainable development
- Urban problems related to energy
- Water conservation, rain water harvesting, watershed management
- Resettlement and rehabilitation of people; its problems and concerns
- Case studies
- Environmental ethics: Issues and possible solution
- Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust: Case studies
- Wasteland reclamation
- Consumerism and waste product
- Environmental Protection Act
- Air (Prevention and Control of Pollution) Act
- Wildlife Protection Act
- Forest Conservation Act
- Biological Diversity Act
- Issues involved in enforcement of environmental legislation
- Public Awareness

Unit 7: Human Population and the Environment

- Population growth, variation among nations
- Population explosion - Family Welfare Programme
- Environment and Human health
- Human Rights
- Value Education
- HIV/AIDS
- Women and Child Welfare
- Role of Information Technology in Environment and human health
- Case Studies
Suggested Readings:-

5. Goudie,Andrew. The Human Impact.
4. Elementary Computer Applications

Maximum Marks- 100 (Main University Examinations)
Theory : Max. Marks -60
Practical : Max. Marks- 40

Each Candidate has to pass in Theory and Practical Examinations separately.
Question paper for Elementary Computer Applications, (Compulsory paper-common for B.A. / B.Sc./ B.Com. Part-I) be so set that it has 120 multiple choice questions (Bilingual) of ½ marks each. The question paper will be of duration of 2 hours. The examinees will have to give their answers on OMR Sheet only to be provided by the University whose evaluation will be done based on OMR Scanning Technology. Further the practical examination for this paper will be of 40 marks and its duration will be of 2 hours.

Unit – I

Introduction to information technology : Evolution and generation of computers, type of computers, micro , mini , mainframe and super computer. Architecture of a computer system : CPU , ALU, Memory (Ram, Rom families)cache memory, input /output devices, pointing devices.
Concept of Operating system, need types of operating systems. batch. single user, multi – processing , distributed and timeshared operating systems, introduction of Unix. Linux. Windows, Window NT. Programming languages Low level and high level languages, generation of languages , 3 GL and 4 GL languages .Graphic User Interfaces.

Unit – II


Power Point : Creating and viewing a presentation, managing slide shows navigating through a presentation using hyperlinks, advanced navigation with action setting and action buttons. Organizing formats with Master Slides applying and modifying designs adding graphics , multimedia and special effects.

Unit - III

Electronic Spreadsheet : Worksheet types of create and open a worksheet. Entering data text numbers and formula in a worksheet inserting and deleting cells, cell formatting, inserting rows and columns in a worksheet formatting worksheets. Using various formula and inbuilt function. Update worksheet using special tools like spell check and auto correct setup the page

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Unit - IV

The Internet - History and Functions of the Internet, Working with Internet, Web Browsers, World Wide Web, Uniform Resource Locator and Domain Names. Uses of Internet, Search for Information. Email, Chatting, Instant messenger services, News, Group, Teleconferencing, Video-Conferencing, E-Commerce and M-Commerce.

Manage an E-mail Account, E-mail Address, configure E-mail Account, log to an E-mail, Receive E-mail, Sending mails, sending files an attachments and Address Book, Downloading Files, online form filling, E-Services - E-Banking and E-Learning.

Unit - V


Network Security - Risk assessment and security measures. Assets and types (data, applications, system and network). Security threats and attacks (passive, active); types and effects (e.g. Identity theft, denial of services, computer virus etc.). Security issues and security measures (Firewalls, encryption/decryption). Prevention.

Question Paper pattern for Main University Practical Examination

Max Marks: 40

Practical

The practical exercises will be designed to help in the understanding of concepts of computer and the utilization in the areas outlined in the theory syllabus. The emphasis should be on practical usage rather than on theoretical concepts only.

The practical examination scheme should be as follows

- Three Practical Exercise (including Attendance & Record performance) 30 marks
  - Operating system
  - MS Word
  - MS Excel
  - MS Power Point
  - Internet
- Viva-voce 10 marks

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अंकों का विभाजन
1. पुस्तकों पर आधारित प्रश्न 50 अंक
2. व्याकरण से संबंधित प्रश्न 24 अंक
3. रचना से संबंधित प्रश्न 26 अंक
   (क) लोकोक्तियों गुहारे
   (ख) पत्र लेखन अथवा निक्षेप

पाठ्यक्रम
1. गद्दा संग्रह
2. व्याकरण: शब्द विचार, वाक्य विन्यास, वाक्य खण्ड, पद क्रम का ज्ञान तथा इनमें होने वाली सामान्य त्रुटियों का ज्ञान।
3. (क) मूहावर्ण्य एवं लोकोक्तियों का प्रयोग, वाक्यों में रिक्त स्थानों की पूर्ति, समान दिखने वाले शब्दों का अर्थ भेद अथवा वाक्यों में प्रयोग
   (ख) पत्र लेखन अथवा निक्षेप

पाठ्य पुस्तकें
1. गद्द-संग्रह-राष्ट्रीय गौरव के चिन्ह-डॉ. हरिकृष्ण देवसरे।
   प्रकाशक-नेशनल पब्लिशिंग हाउस, नई दिल्ली।
2. आधुनिक हिंदी व्याकरण तथा रचना - लेखक कृष्ण विकल
   प्रकाशक-नेशनल पब्लिशिंग हाउस, नई दिल्ली।
3. सुशोध व्याकरण एवं रचना-समापक-व्यक्तित्व हद्रय-संशोधनकर्ता-डॉ.अम्बा प्रसाद सुमन
   प्रकाशक-श्रीराम मेहरा एण्ड कम्पनी, आगरा।

Dy. Adjudient
The Syllabus aims at achieving the following objectives:

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

Paper I: Poetry and Drama

Maximum Marks: 100

Duration: 3 hrs

Min. Pass Marks: 36

Question No. 1: References to Context from unit A, B & C.
Candidate will be required to explain four (4) passages of Reference to Context out of Eight (8) of five marks each, with a total of 20 Marks.
Knowledge of Literary Terms and Poetry Appreciation and usages of drama is required.

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

W. Shakespeare:
Shall I Compare Thee
Not Marble, nor the Gilded Monuments
Remembrance

J. Donne: Death be not Proud.
Herbert: Pulley
Andrew Marvell: To His Coy Mistress

J. Milton:
On His Blindness
On His Twenty Third Birthday

J. Dryden: A Song for St. Cecilia’s Day

Reference Books-

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

*The Golden Treasury* by Francis Turner Palgrave (OUP)


SECTION B

The following poems from *Strings of Gold* Part I Ed. Jasbir Jain (Macmillan)

Kabir

It is Needless to Ask a Saint the Caste to which he belongs.

Rabindra Nath Tagore

Where The Mind is Without Fear

Toru Dutt

The Lotus
Our Casuarina Tree

Sarojini Naidu

Indian Weavers
Song of Radha, The Milkmaid

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Reference Books-

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


*A History of Indian English Literature* by M.K.Naik Sahitya Akademi

*The Golden Treasury of Indo-Anglian Poetry, 1828-1965* by Vinayak Krishna Gokak (Editor) Sahitya Akademi

*Kabir (Penguin Classics)* by Vinay Dharwadker

SECTION C

W. Shakespeare: *As You Like It*

Reference Books-

*As You Like It* (The Pelican Shakespeare) by William Shakespeare (Author), Frances E. Dolan (Editor, Introduction), Stephen Orgel

*History of English Literature* by Hudson

*Pelican Guide to English Literature* by Boris Ford

**Paper II: Prose and Fiction**

Maximum Marks: 100

Duration: 3 hrs

Min. Pass Marks: 36

**Question No. 1:** References to Context from unit A & B 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

Bacon : Of Studies
B. Russell : Knowledge and Wisdom
Leigh Hunt : On Getting Up on Cold Mornings
M.K. Gandhi : Fearlessness
Lucas : Third Thought
S. Radhakrishnan : Democracy
H. Belloc : On Educational Reform

Reference Books

_English Prose Selections_ (O.U.P.) ed. Dr. S.S. Deo et al.

_The Art of the Essayist_ By Lockitt, C. H. (ed.)

SECTION B

K. Mansfield : A Cup of Tea
R. Tagore : Living or Dead
H.H. Munro (Saki) : The Open Window
R.K. Narayan : An Astrologer's Day
E. Hemingway : Old Man at the Bridge
George Orwell : _Animal Farm_

Reference Books

_Popular Short Stories_ ed. By Board of Editors (O.U.P.)
_Malgudi Days_ by R. K. Narayan Indian Thought Publications

SECTION C
1. Prose Appreciation
2. Formal Communication
3. Report Writing
4. Presentations Skills

Reference Books

Vandana R. Singh: The Written Word (O.U.P.)
English at the Workplace eds. Sawhney Panja and Varma (Macmillan)

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1. ढोला मारू रा दोहा — संपादक — नरेशन दास स्वामी
   दोहा संख्या— 119 से 133 तक

2. विद्यापति — संपादक — शिवप्रसाद सिंह
   नद्दक नदन — विद्यापति पदावली
   सुन जसिया ऊजन बजाऊ बिपिन बसिया
   विरह व्याकुल मुदुल तत्ततर
   कुंज भवन से चल भेल्ले हे
   सखि हे कतर्क न देख मधाई

3. चन्द्रबरदाई — संपादक — पृथ्वीराज रासी, संपादक — हजारी प्रसाद हिंदेवी, नामवर सिंह
   कैमास करनाटी प्रसंग — 1 से 5 छंद

4. कबीर दास — कबीर पंडाली संपादक — श्यामसुंदर दास
   विरह को अंग सार्की सं. — 7,8,9,11,12,13,14,15,16,17
   पद — दुल्हन गावहू मंगल चार
   — गोविन्द हम ऐसे अपराधी
   — पंडित वाद वदने शूता
   — कोई जागैगा जाणनरहा
   — न जाने मिलन गोपाल

5. सूरदास पद — सूरसागर सार — सं. डॉ. धीरेन्द्र वर्मा
   ऊधो अखिया अति अनुरागी
   — उपमा एक न नैन गही
   — ऊधो नन नाही दस—बीस
   — नर्गुण कौन देस को वासी
   — हमारे हरि हारिल की लकरी
   — उर में मारवन चोर गइ
   — मुंकर श्याम हमारे चोर
   — ऊधो मली करी ब्रज आए
   — बिन गोपाल बैरिन भई कुंजँ
   — लखियत कालिन्दी अति कारी

6. तुलसीदास छंद — कवितावली — गीता प्रेस गोरखपुर
   — पुरसे निकसी रघुवीर क्षू
   — जल को गए लक्षन है लरिका
   — रानी में जानि अजानी महा
   — सुन सुंदर बैन सुधारस साने
   — कोटि दशकंग तव प्रलय वषंध बोले
   — पावक पपन, पानी भानु हिम कालु जम्भु
   — गजबाजि घटा मले भूरि मरा

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7. जयसी
जयसी ग्रंथावली, सं. - रामचंद्र शुक्ल
- सिंहलदीप वर्णन खंड, प्रारंभ के 5 अंश
- सिंहल दीप कथा अब गांज.............. भासा लेहि दई कर नामु

8. तीराँ
तीरा मुक्तावली सं. - नरसेतम स्वामी
पद संख्या - 14, 15, 16, 20, 23, 28, 31, 32

9. रसखान
रसखान रचनावली सं. - विद्यानिवास मिश्र
- सुज्जन रसखान अंश से प्रथम 8 छंद

अंक विभाजन
- कुल चार व्याख्याएं विकल्प देय
एक कवि से एक ही

आलोचनात्मक प्रश्न 3 (विकल्प देय) 10 x 4 = 40
एक प्रश्न टिपणी परक
किन्हीं दो विषयों पर संक्षिप्त टिपणी (विकल्प देय) 16 x 3 = 48
(आदिकाल तथा मध्यकाल की प्रवृतियों से संबंधित)

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१४
बी.ए. वर्ष प्रथम — हिंदी साहित्य
द्वितीय प्रश्न पत्र — (कहानी एवं उपन्यास)

पूर्णक 100
खण्ड — अ

1. उपन्यास — पचपन खंभे लाल दीवारें (उषा प्रयंत्वदा)

2. कहानी
   चन्द्रधर शर्मा गुलेशी — उसने कहा था
   प्रेमचंद — नमक का दरेगा
   जय शंकर प्रसाद — मधुबना
   जैनेन्द्र — पाजेब
   यशपाल — खच्छर और आदमी
   मोहन राकेश — मलबे का मालिक
   मनु भुण्डारी — सजा
   शेखर जोशी — दाज्यू
   रामेश राघव — गदल

खण्ड — ब

3. गद्य की विधाएं
   डायरी — हरिवंश राय बच्चन — प्रवास की डायरी : कुछ पने
   संस्मरण — अलेक — बस्त के आगूँ : निराला
   यात्रा — धर्मवीर भारती — ठेरे पर हिमालय
   आत्मकथा — शाकिया — गर्दिश के दिन
   रेखाचित्र — महादेवी वर्मा — सोना

4. खण्ड — 'स'
   हिंदी उपन्यास व कहानी सकुल और परिपात
   हिंदी उपन्यास व हिंदी कहानी का विकास
   हिंदी गद्य का विकास, गद्य की विधाएं

अंक विभाजन

कुल चार व्याख्याएं (खण्ड 'अ' व 'ब' से) (आंतरिक विकल्प देय) 10 x 4 = 40 अंक

कुल चार निबन्धात्मक प्रश्न 15 x 4 = 60 अंक

खण्ड 'अ' दो प्रश्न — एक उपन्यास पर, एक कहानी पर (आंतरिक विकल्प देय)
खण्ड 'ब' से एक प्रश्न (आंतरिक विकल्प देय)
खण्ड 'स' से एक प्रश्न (आंतरिक विकल्प देय)

डी. रेजिस्ट्रेटर
(आयकारी)
University of Rajasthan
JAIPUR

95
URDU
Paper I: Prose and Drama

Scheme:

Max. Marks 100

3 Hrs. Duration

Books Prescribed:
1. Meyare Ada by Hissaye Nasr-Published by Educational Book House, Aligarh (U.P)
2. Darwaza Khol Do-by Krishna Chandar

Division of Marks:
Unit I Ten short answer type questions. Marks 20
Unit II Explanation of Two Out of Three Texts. Marks 20
Unit III Critical Appreciation of a Prose Writer with Internal Choice Marks 20
Unit IV Critical Appreciation of Prescribed Drama with Internal Choice Marks 20
Unit V Salient Features of Urdu Drama/Technique Or Summary of A Prose Lesson Marks 20

Total: Marks 100

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

Paper II: Poetry and Rhetorics

Max. Marks 100

3 Hrs. Duration

Books Prescribed:
1. Shehpere (Nzam) Published by Idare Nashr-O-Ishat, Allahabad University-Allahabad, (1991 edition) The following are prescribed from the book:
   (a) Ghazaliyat: Meer, Atish & Ghalib
   (b) Nazmen: Iqbal, Nazeer & Josh.
2. Jadded Idemul Balaghat by Abdul Majeed Khan
   The following Rhetorics (Sanaya) Only:

Division of Marks:
Unit I Ten short answer type question. Marks 20
Unit II Explanation of Two out of Three Passages of Ghazal & Nazm. Marks 20
Unit III Appreciation of Ghazal Writer with Internal Choice Marks 20
Unit IV Appreciation of Nazm Writer with Internal Choice Marks 20
Unit V Meaning and Definition of Four Rhetorics with Internal Choice Marks 20

Total: Marks 100

Note: Attempt at least one question from each unit. All the short answer type questions of unit I are compulsory.
M.M: 100
3Hrs.
Min. Pass Marks 36

Book Prescribed

1. Farsi Wa Dastoor (Pt-I) By Zhara Khan leri Published By Idara-e-Adabiyat-e-Delhi
   Only the following lessons at page No of the book are prescribed:
   3,9,13,19,24,65,85,93,96,126,150,156,165,188.
2. Intekhb-e-Nazm-o-Nasar Farsi Published by Aligarth Muslim University only the
   following lessons is prescribed
   Intekhab-e-Gulistan-e-Sadi-Hijiyat (Five only)
3. Vokola-e-Murafa-e (Drama) by Mirza Jafar Published Ram Narayan Beni Madho
   Allhabad (Page No. 83 to 112)

Division of Marks:

Unit-I(A) Short Answer type Question 10 out of 15 all the full syllabus based. 10
   (B) Translation of Two passages out of three into Urdu/Hindi/English 20
Unit-2 Translation of One passages out of two into Urdu/Hindi/English 10
Unit-3 Biographical Questions on Prescribed text writer with Internal Choice 20
Unit-4 General Questions on Fiction/ Character (Drama) 20
Unit-5 Summery of Prescribed lessons with Internal Choice 20

Total Marks 100

Book Recommended

1. Farhang-e-Amerah (Urdu/Arbi/Persian)
2. Sherul Ajam By Shibli Nomani Vol. 1 to 3)
3. Tareekh-e-Adabiyate Iran By Raza Zada Shafaq (Urdu Translation)
4. Sanaddeed-e-Ajam By Mehdi Hasan Nasri
5. Tareekh-e-Adab-e-Farsi By Shareef Husain Qasami
6. Amuzish Zaban-e-Farsi Daur-e-Muqaddemati by Yadollah Samrah (Vol. 1 to 4)

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

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Paper-II

M.M: 100

3Hrs.

Min. Pass Marks 36

Book Prescribed

1. Farsi Wa Dastoor (Pt-I) By Zhara Khan Ileri Published By Idara-e-Adabiyat-e-Delhi
   Only the following lessons at page No 1,34,77,118,185,193 of the book are
   prescribed:

2. Manzoomat
   Intekhab-e-Nazam-o-Nasar Farsi Published by Aligarh Muslim University
   Iqbal: Khuda, Insan, Hoor, Shayar, Nawa-e-Mazdoor.

3. Ghazliyat
   Nisab-e-Jadeed Farsi (Hissa Nasar Wa Nazam) Published by Jayyed Press Delhi.
   Ghazliyat-e-Hafiz First Three
   Ghazliyat-e-Ameer Khusro First Three
   Ghazliyat-e-Sheharyar First Three

4. Jadeed Ilmul Balaghan by Abdul Majeed Khan (only the following Sanaya)
   i. Tazad ii. Laffo Nashr iii. Talmeeh iv. Husn-e-Taleel
   V Istiara vi. Isheem vii. Ishteqaak viii. Tashbeeh

Division of Marks:

Unit-1(A) Short Answer type Question 10 out of 15 all the full syllabus based. 10
(B) Translation of Two passages out of three from Manzoomat 20
   into Urdu/Hindi/English

Unit-2 Translation of Two passages out of three from Ghazliyat 20
   into Urdu/Hindi/English

Unit-3 Biographical/Critical Question on Ghazal writer with Internal Choice 20
Unit-4 Biographical/Critical Question on Nazm writer with Internal Choice 20
Unit-5 Meaning with Definition & Examples of two Rhetoric’s with Internal Choice 10

Total 100

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Book Recommended

1. Farhang-e-Amerah (Urdu/Arbi/Persian)
2. Sherul Ajam By Shibli Nomani Vol. 1 to 3)
3. Tareekh-e-Adabiyyate Iran By Raza Zada Shafaq (Urdu Translation)
4. Sanadeed-e-Ajam By Mehdi Hasan Nasri
5. Tareekh-e-Adab-e-Farsi By Shareef Husain Qasami
6. Amuzish Zaban-e-Farsi Daur-e-Muqaddemati by Yadollah Samrah (Vol. 1 to 4)

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

Scheme:
Max. Marks 200 Min. Pass Marks 72

Paper I: Prose, Translation and History of Arabic Literature:
Max. Marks 100 3 Hrs. Duration Min. Pass Marks 36

Syllabus and Division of Marks:
1. Translation of Urdu/English passages into Urdu/English 40
2. Translation of Urdu/English passages into Arabic 20
3. Summary of a lesson 10
4. Life Sketch of a Prose writer. 15
5. Question of elementary Arabic Literature. 15

Total Marks: 100

Books Prescribed:
1. Alquiratul Rashidah Part-I Following twenty lessons only: 3, 4, 5, 6, 7, 8, 9, 12, 13, 18, 22, 24; 29, 35, 36, 44, 45, 46, 49, 58.

Books Recommended:
Arabi Adab Ki Tareikh Kh by Dr. Ebteshamudin Naqvi.

Paper II: Poetry, Translation Grammar and Composition
Max. Marks 100 3 Hrs. Duration Min. Pass Marks 36

Syllabus and Division of Marks:
1. Extracts from Arabic Text Poems into Urdu/English.
2. Translation of Urdu/English passages into Arabic 20
3. Life Sketch of a Poet. 10
4. Composition 15
5. Grammar 15

Total Marks : 100

**Book Prescribed :**
Nukhbatul Abab, Murattiba Shoba-e-Arabi.
Muslim University, Aligarh, Ishaat-e-Sani.
The following pages :
Grammar : The following topics only.

**Book Recommended for Translation**
Darial-ul-Adab Ughawwaj R. Zafar Iqbal.
सामान्य निर्देश —

1. प्रत्येक परीक्षा में दो—दो प्रश्नपत्र होंगे।
2. प्रत्येक प्रश्नपत्र में न्यूनतम उत्तीर्णक 36 तथा पूर्णाक 100 होंगे और समय 3 घण्टे का होगा।
3. परीक्षा का माध्यम हिंदी/अंग्रेजी होगा, परंतु प्रश्नपत्र केवल हिंदी में लिखा जायेगा। परीक्षार्थी को छूट होगी कि वह हिंदी,संस्कृत 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 प्राथम में से अनुवाद, व्याख्या, सरलार्थ एवं समालोचनात्मक प्रश्न पूछे जावेंगे।
6. प्रत्येक प्रश्नपत्र में 10 प्रश्न अंक संस्कृत भाषा में उत्तर के लिये निर्धारित हैं।
7. प्रत्येक प्रश्नपत्र में दो भाग होंगे, जिसमें प्रथम 'अ' भाग लघुसारलक प्रश्नों का होगा। 'ब' भाग में निबन्धात्मक प्रश्न होंगे। 'अ' भाग में कुल 15 प्रश्न होंगे, जिनका पूर्णाक 30 होगा।

परीक्षा योजना—

न्यूनतम उत्तीर्णक—72
पूर्णाक—200
प्रथम प्रश्न—पत्र
अंक—100
द्वितीय प्रश्न—पत्र
अंक—100

प्रथम प्रश्नपत्र

दृश्य एवं श्रव्य काव्य

समय : 3 घण्टे
अंक 100

प्रथम प्रश्न में निर्धारित प्राथम में से लघुसारलक निबन्धात्मक, अनुवाद, व्याख्या व समालोचनात्मक प्रश्न पूछे जायेंगे। 15 प्रश्न लघुसारलक 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 हैं।

पाठ्यक्रम

1. स्वप्नवासवदत्तम् (भास) 25 अंक
2. नीतिशतकम् (भटौड़) 30 अंक
3. रघुवंशम् प्रथम सर्ग 25 अंक
4. अनुवाद— संस्कृत से हिंदी—कारक संबंधी पांच वाक्य 10 अंक

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### प्रश्न पत्र का निर्माण निम्नानुसार होगा –

1. सभी प्रश्न अनिवार्य हैं।
2. प्रत्येक पुस्तक से लघूत्तरात्मक व निबन्धात्मक, व्याख्यात्मक प्रश्न पूछे जायेंगे।

<table>
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<th>पुस्तक का नाम</th>
<th>लघूत्तरात्मक प्रश्न</th>
<th>अंक</th>
<th>निबन्धात्मक प्रश्न संख्या</th>
<th>अंक</th>
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<td>5</td>
<td>30</td>
<td>08</td>
<td>70</td>
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</tbody>
</table>

#### स्वप्नवासवदत्तम

**भाग अ में 2–2 अंक के पाँच लघूत्तरात्मक प्रश्न पूछें जायेंगे।**

**भाग ब**

1. 4 श्लोक पूछकर उनमें से किसी 2 की समसंग व्याख्या पूछी जायेंगी।
   **10 अंक**
2. दो विवेचनात्मक प्रश्न पूछकर किसी एक का उत्तर देय है।
   **5 अंक**

#### नीतिशतक

**भाग अ में 2–2 अंक के पाँच लघूत्तरात्मक प्रश्न पूछें जायेंगे।**

**भाग ब**

1. 4 श्लोक पूछकर उनमें से किसीं 2 की समसंग व्याख्या पूछी जायेंगी।
   **14 अंक**
2. दो विवेचनात्मक प्रश्न पूछकर किसी एक प्रश्न का उत्तर देय होगा।
   **6 अंक**

#### रघुवंश (प्रथम सर्ग)

**भाग अ में 2–2 अंक के पाँच लघूत्तरात्मक प्रश्न पूछें जायेंगे।**

**भाग ब**

1. 4 श्लोक पूछकर उनमें से किसीं 2 श्लोकों की समसंग व्याख्या पूछी जायेंगी
   **10 अंक**
2. दो विवेचनात्मक प्रश्न पूछकर किसी एक प्रश्न का उत्तर देय होगा।
   **5 अंक**
अनुवाद
1. संस्कृत से हिंदी— कारक संबंधी पांच वाक्यों का अनुवाद अपेक्षित है। 10 अंक
2. हिंदी से संस्कृत— दस वाक्य देकर पांच वाक्यों का अनुवाद अपेक्षित है। 10 अंक

सहायक पुस्तकें—
1. स्वपनवसवदत्तम—डॉ. कृष्णदेव प्रसाद—जगदीश संस्कृत पुस्तकालय, झालालियों का रासा, जयपुर।
2. स्वपनवसवदत्तम—डॉ. सुनारायण त्रिपाठी—रचना प्रकाशन, जयपुर।
3. स्वपनवसवदत्तम—संस्कृत हिंदी व्याख्या—डॉ. जगनाथ पाण्डे, जगदीश संस्कृत पुस्तकालय, झालालियों का रासा, जयपुर।
4. स्वपनवसवदत्तम—डॉ. सुभाष वेदाङ्कर, अर्लाङ्कर प्रकाशन, जयपुर।
5. नीलिनितकम—डॉ. गोपाल शर्मा, हंसा प्रकाशन, जयपुर।
6. नीलिनितकम—डॉ. श्रीकृष्ण ओझा, राज प्रकाशन मंदिर, जयपुर।
7. नीलिनितकम—डॉ. सुभाष वेदाङ्कर, हंसा प्रकाशन, जयपुर।
8. रघुपुश्करम (प्रथम सर्ग)
9. संस्कृत व्याकरण— श्री निवास शास्त्री।
10. वृहद अनुवाद चन्द्रिका— चक्रवर्त हंस नीटियाल
11.

द्वितीय प्रश्नपत्र

समय : 3 घण्टे आंक—100
भारतीय संस्कृति के तत्त्व, पद्ध साहित्य, व्याकरण
प्रश्नपत्र योजना— प्रथम प्रश्न में निर्धारित ग्रन्थ में से लघूतरात्मक निबन्धात्मक, अनुवाद, व्याख्या व समालोचनात्मक प्रश्न पूछे जायेंगे।

पाठ्यक्रम
1. भारतीय संस्कृति के तत्त्व —
क— भारतीय संस्कृति—विषय, पृथ्वीमृत, विशेषताएं।
ख— भारतीय संस्कृति के विकास की रूपरेखा—पूर्ववैदिक काल, वैदिकोत्तरकाल, मध्यकाल एवं आधुनिक काल।
ग— प्राचीनकाल— राजनैतिक, सामाजिक एवं आर्थिक स्थिति।
घ— गृह, आश्रम, एवं संस्कार।
ड— शिक्षा (वैदिककाल से लेकर 7वीं शताब्दी तक)
च— लेखन—कला की उत्पत्ति।
छ— भारतीय दर्शन की प्रमुख विचारधाराएं।
ज— भारतीय संस्कृति का मानव—कल्याण में योगदान।

2. किसानपुरानीयम(प्रथम सर्ग)—भारविकृत

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University of Rajasthan
JAIPUR
3. व्याकरण—लघुसिद्धांतकौमुदी—संज्ञा, एवं संधि प्रकरण
   क—संज्ञा प्रकरण— 10 अंक
   ख—अच संधि— 10 अंक
   ग— हल्ल संधि— 10 अंक
   घ— विसर्ग संधि— 05 अंक

4. निम्नलिखित क्रूः प्रत्ययों के वाक्य निर्माण सम्बन्धी प्रश्न—
   तत्व, अनीयर । तत्वत्वानीयर:।
   यत्— अचो यत्, ईद्यति, पोरुपधात्
   तयस्— एतिसिद्धांतकौमुदीसंज्ञा: कप्र, हस्सवस्य विति कृत्युक्त, शास्त्र इदस्तहलो:।
   श्वात— श्रेणीष्ठत्
   शात्, शान्— लत: शत्तुरावाचप्रथममात्मादेन्द्रधिर, अनेक भूम्ग:।
   लत, कन्तु— कन्तकवः निधिर, रत्नयां निधियो न: पूर्वस्य च दः।
   लवा— समानकद्वृत्तोऽ: पुरुषालः।
   तय— सास्त्रान्त: पूर्वः कन्तु तयस्।
   दृष्टुप— दृष्टुपवलो निधियों निधियांयां क्रियायांयां

अंक— विभाजन

<table>
<thead>
<tr>
<th>क्र. सं.</th>
<th>पुस्तक का नाम</th>
<th>लघूतर्करक प्रश्न</th>
<th>अंक</th>
<th>निबन्धालक प्रश्न संख्या</th>
<th>अंक</th>
<th>अंकों का योग</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>भारतीय संस्कृति के तत्व</td>
<td>लघूतर्करक 3</td>
<td>06</td>
<td>02</td>
<td>14</td>
<td>06+14=20</td>
</tr>
<tr>
<td>2.</td>
<td>किराताजूनीयम् (प्रथम संगी)</td>
<td>लघूतर्करक 4</td>
<td>08</td>
<td>02</td>
<td>17</td>
<td>08+17=25</td>
</tr>
<tr>
<td>3.</td>
<td>लघुसिद्धांतकौमुदी—संज्ञा, एवं संधि प्रकरण</td>
<td>लघूतर्करक 5</td>
<td>10</td>
<td>01</td>
<td>25</td>
<td>10+25=35</td>
</tr>
<tr>
<td>4.</td>
<td>कुल</td>
<td></td>
<td>15</td>
<td>30</td>
<td>70</td>
<td>100</td>
</tr>
</tbody>
</table>

प्रश्न—पत्र का निर्माण निम्नानुसार होगा—

1. सभी प्रश्न अनिवार्य हैं।
2. प्रत्येक पुस्तक से लघूतर्करक व निबन्धालक व्याख्यात्मक प्रश्न पूछे जायेंगे।

निबन्धालक / व्याख्यात्मक प्रश्न

भारतीय संस्कृति के तत्व
   भाग अ में 2—2 अंक के तीन लघूतर्करक प्रश्न पूछे जायेंगे।
   भाग ब

1. दो निबन्धालक प्रश्न पूछकर किसी एक का उत्तर अभीष्ट है। 10 अंक
2. दो विषयों पर टिपणी पूछ कर किसी एक का उत्तर अभीष्ट है। 04 अंक

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JAIPUR

35
किरातार्जुनीयम (प्रथम सर्ग)

भाग अ में 2-2 अंक के चार लघुतरात्मक प्रश्न पूछे जायेंगे।

भाग ब

1. 4 श्लोक पूछकर उनमें से किन्हीं 2 श्लोकों की सप्रसंग व्याख्या पूछी जायेंगी। 12 अंक
2. दो विशेषताओं 'लघुतरात्मक' प्रश्न पूछकर किसी एक प्रश्न का उत्तर दें। 5 अंक

व्याकरण-लघुसिद्धान्त कौमुदी

भाग अ में 2-2 अंक के पाँच लघुतरात्मक प्रश्न पूछे जायेंगे।

भाग ब

क. संज्ञा प्रकरण

4 सूत्र पूछकर किन्हीं 2 सूत्रों की सोदाहरण व्याख्या अपेक्षित है। प्रत्येक व्याख्या के लिये 2 अंक निरीक्षित हैं।

04 अंक

ख. अध संधि-

4 सूत्र पूछकर किन्हीं 2 सूत्रों की सोदाहरण व्याख्या अपेक्षित है। प्रत्येक व्याख्या के लिये 2 अंक निरीक्षित हैं।

04 अंक

4 शब्दसिद्धि पूछकर किन्हीं 2 शब्दों की सूत्रनिर्देश पूर्वक सिद्धि अपेक्षित है। प्रत्येक सिद्धि के लिये 2 अंक निरीक्षित हैं।

04 अंक

ग. हल्ल संधि-

4 सूत्र पूछकर किन्हीं 2 सूत्रों की सोदाहरण व्याख्या अपेक्षित है। प्रत्येक व्याख्या के लिये 2 अंक निरीक्षित हैं।

04 अंक

4 शब्दसिद्धि पूछकर किन्हीं 2 शब्दों की सूत्रनिर्देश पूर्वक सिद्धि अपेक्षित है। प्रत्येक सिद्धि के लिये 2 अंक निरीक्षित हैं।

04 अंक

घ. विसर्ग संधि-

2 सूत्र पूछकर किसी 1 सूत्र की सोदाहरण व्याख्या अपेक्षित है।

02 अंक

2 शब्दसिद्धि पूछकर किसी 1 शब्द की सूत्रनिर्देश पूर्वक सिद्धि अपेक्षित है।

03 अंक

इ कृति प्रश्न-

भाग अ में 2-2 अंक के तीन लघुतरात्मक प्रश्न पूछे जायेंगे।

भाग ब

(कृत्यप्रश्न के प्रयोग पूर्वक संस्कृत में चार वाक्यों का निर्माण अपेक्षित है।)

06 अंक

कुल योग- 100 अंक

सहायक पुस्तकें- भारतीय संस्कृति

1. भारतीय संस्कृतिगत निधि- डॉ. रामजी उपाध्याय, महामनपुरे, वाराणसी।
2. भारतीय संस्कृति-श्री रामदेव साह, श्याम प्रकाशन वोल्ड राय, जयपुर।
3. भारतीय संस्कृति- वाइ.एस.सिंग-रचना प्रकाशन,जयपुर।

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JAIPUR
4. भारतीय संस्कृति—डॉ. रामजी उपाध्याय, महामनपुरी, वाराणसी।
5. भारतीय दर्शन—डॉ. बलदेव उपाध्याय, चौखम्भा प्रकाशन, वाराणसी।

किरातालुण्डीयम्

1. किरातालुण्डीयम् (प्रथम सर्ग)—आचार्य नवल किशोर कांकर, विद्या वैभव भवन, जयपुर।
2. किरातालुण्डीयम् (प्रथम सर्ग)—डॉ. विष्णुनाथ शर्मा, आदर्श प्रकाशन, जयपुर।
3. किरातालुण्डीयम् (प्रथम सर्ग)—डॉ. सुभाष वेदालंकार, —अलंकार प्रकाशन, जयपुर।

अनुवाद के लिए
1. संस्कृत रचनानुवाद मंजरी—पं. नंदकुमार शास्त्री, अजमेरा बुक कम्पनी, त्रिपोलिया बाजार, जयपुर।
2. रचनानुवाद कौमुदी—डॉ. कपिलदेव द्विवेदी, वाराणसी।
3. रचनानुवादप्रभा—डॉ. श्रीनिवास शास्त्री, कुरुक्षेत्र।

व्याकरण के लिए
1. लघुसिद्धान्त कौमुदी—डॉ. बस्तन जेलली एवं डॉ. राजेश कुमार, जगदीश संस्कृत पुस्तकालय, जयपुर।
2. लघुसिद्धान्त कौमुदी—श्रीमहेश सिंह कुशवाहा, चौखम्भा संस्कृत प्रतिष्ठान, दिल्ली।
3. लघुसिद्धान्त कौमुदी—श्री धरानन्द शास्त्री, मोतीलाल बनारसीदास, दिल्ली।
4. लघुसिद्धान्त कौमुदी—श्रीमस्वन शास्त्री।
5. संस्कृत व्याकरण—श्री निवास शास्त्री।
6. वृहद अनुवाद चन्द्रका—चक्रभर हस नौटियाल

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JAIPUR
B.A. Part I - 2018
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 upto 50 words. These questions will cover the entire units and there will be no unit wise division of the questions asked in this part.
(4) Part II of the question paper will be of 60 marks and students will required to write detailed answer in the answer sheet only. If syllabus (course contents) of a paper is divided into two units i.e. Unit A and Unit B, then in this part of the question paper six questions will be asked in total: three questions from each unit. Student will be asked to attempt three questions in total and at least one question from each unit. Each question will be of 20 marks. If syllabus (course contents) of a paper is divided into three Units i.e. Unit A, B & C then in the Part II of the question paper, which consist of Essay type questions, six questions will be asked in total: two questions from each Unit. Students will be required to attempt three questions in total and one question from each Unit. The ideal word limit for these questions is 500-600 words.

Paper I: Indian Philosophy

Unit A:
1. Nature of Indian Philosophy: plurality as well as common concerns.
2. Basic concepts of the Vedic and the Upanisadic world-views, Rta (the cosmic order):
   the divine and the human realms, the centrality of the institution of Yajna (sacrifice),
   Rna (duty/obligation).
3. Carvaka school: its epistemology, metaphysics and ethics.
4. Jainism: concepts of sat, dravya, guna, paryaya, jiva, ajiva, anekantavada, syadvada
   and nayavada, pramanas, ahimsa, bondage and liberation.
5. Buddhism: theory of pramanas, theory of dependent origination, the four noble truths,
   doctrine of momentariness, theory of no-soul. A brief introduction of the schools of
   buddhism: Vaibhasika, Sautrantika, Yogacara, Madhyamika.

Unit B:
1. Nyaya: theory of pramanas, the individual self and its liberation, the idea of God and
   proofs for his existence.
2. Vaisesika: Padarthas: dravya, guna, karma, samanya, samavaya, vishesha, abhava,
   Causation: asatkaryavada, karana: samavayi, asamavayi & nimitta, paramanuvada,
   adrsta, nihsreyas.
3. Samkhya: causation, satkaryavada, prakrti, its constituents, evolves and arguments
   for its existence, purusa, arguments for its existence and plurality of purusas,
   relationship between prakrti and purusa, karvaka, atheism
4. Yoga: citta and citta-vriti, eightfold path,* (i.e. 8)

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University of Rajasthan
Unit C:
2. Advaita: nirguna brahman, adhyasa, rejection of difference, vivartavada, maya, three
grades of satta, pramanas, jiva, jivanmukti.
3. Visistadwaita: saguna brahman, refutation of maya, parinamavada, aprthaksiddhi,
jiva, bhakti and prapatti, rejection of jivanmukti.

Prescribed Reading:
1. Dutta & Chatterjee: Introduction to Indian Philosophy (Hindi translation
available)

Suggested Readings:
M. Hiriyanna: Outlines of Indian Philosophy (Hindi translation available)
C.D. Sharma: A Critical Survey of Indian Philosophy (Hindi translation
available)
S.N. Dasgupta: A History of Indian Philosophy, Vols. I to V (Hindi
translation available, Hindi Granth Academy, Jaipur)
S. Radhakrishnan: Indian Philosophy, Vols. I & II. (Hindi translation available,
Rajkamal, Delhi).
R.D. Ranade: A Constructive Survey of Upanisadic Philosophy (Hindi
translation available, Hindi Granth Academy, Jaipur)
R. Puligandla: Fundamentals of Indian Philosophy
संगम लाल पाण्डे: भारतीय दर्शन का सर्वेक्षण, सेंट्रल पब्लिशिंग हाउस,
इलाहाबाद।

Paper II: History of Western Philosophy

Unit A:
1. Introduction: Early Greek philosophy: Sophists & Socrates.
2. Plato: Theory of knowledge: knowledge (episteme) and opinion (doxa), theory of forms,
soul, idea of the Good
3. Aristotle: Critique of Plato's theory of forms, theory of causation, form and matter,
potentiality and actuality, soul, God

Unit B:
1. St. Thomas Aquinas: Faith and reason, essence and existence, proofs for the existence of
God.
2. Descartes: Method and the need for method in philosophy, method of doubt, cogito
ergo sum, types of ideas, mind and matter, mind-body interactionism, God: nature
and proofs for his existence.
3. Spinoza: substance, attributes and modes, the concept of God or Nature, pantheism,
mind-body problem.
4. Leibniz: Monadology, doctrine of pre-established harmony; truths of reason and truths of
fact, innateness of all ideas, principles of non-contradiction, sufficient reason and identity
of the indiscernible, God: nature and proofs for his existence
Unit C:

Locke: Theory of knowledge-ideas and their classification, refutation of innate ideas, knowledge and its grades, substance, qualities: primary and secondary

2. Berkeley: Rejection of abstract ideas, rejection of the distinction between primary and secondary qualities, immaterialism, esse est percipi: the problem of solipsism.

3. Hume: Theory of knowledge- impressions and ideas; judgments concerning relations of ideas and judgments concerning matters of fact; causality; external world, self and personal identity; rejection of metaphysics; skepticism.

4. Kant: conception of critical philosophy; classification of judgments: analytic, synthetic, a priori, a posterior, possibility of synthetic apriori judgments.

Suggested Readings:
W.T. Stace : *A Critical History of Greek Philosophy*
J.S. Srivastava : 1. ग्रीक दर्शन का वैज्ञानिक इतिहास, किताब महल, इलाहाबाद
               2. मध्ययुगीन दर्शन का वैज्ञानिक इतिहास, किताब महल, इलाहाबाद
               3. आधुनिक दर्शन का वैज्ञानिक इतिहास, किताब महल, इलाहाबाद
याकूब मसीह : परस्पर दर्शन का समग्र इतिहास, मोहनलाल बनारसीदास, दिल्ली (English Translation Available)
F. Thilly : *History of Western Philosophy (Hindi Translation Available)*

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Dy. Registrar (Acad.)
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HISTORY

The scheme of examination will be as follows:

Scheme:

Maximum Marks 200

Paper I 3 hrs. Duration

Paper II 3 hrs. Duration

Minimum Pass Marks 72

Marks 100

Marks 100

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

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

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

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

परीक्षा योजना:

अधिकतम अंक 200

प्रथम प्रश्नपत्र समय 3 घंटे अंक 100

द्वितीय प्रश्नपत्र समय 3 घंटे अंक 100

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

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

20 अंकों के प्रथम अनिवार्य प्रश्न में, दो--दो अंक के 10 अनिवार्य अतिलघुउत्तरात्मक प्रश्न होंगे। प्रत्येक उत्तर की शाब्दिक सीमा 20 शब्द।

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

प्रश्नपत्र के द्वितीय भाग में, पाद्यक्रम के तीन खण्डों में से, प्रत्येक खण्ड से दो--दो प्रश्नों का चयन करते हुए, कुल 06 निबन्धात्मक प्रश्न होंगे। प्रत्येक प्रश्न 20 अंकों का होगा। परीक्षादिवस के प्रत्येक खण्ड में से कम से कम एक प्रश्न का चयन करते हुए कुल 03 प्रश्न हल करने होंगे। प्रश्नपत्र का यह भाग 60 अंकों का होगा।
PAPER I: HISTORY OF INDIA (FROM THE BEGINNING UPTO 1200 A.D.)

Section - A


Section - B


Section - C


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प्रथम प्रसन्नपत्र : भारत का इतिहास (आरसू में से 1200 ईस्वी तक)

खण्ड – क

1200 ईस्वी तक भारत के इतिहास के मुख्य स्तर। भारत की प्रागैतिहासिक संस्कृतियों का संक्षेप सर्वसम्मिलण। सिन्धु-सरस्वती सम्प्रदाय – उद्गम, विस्तार, प्रमुख विशेषताएँ, पतन एवं निरंतरता। वैदिक युग – वैदिक साहित्य, राजधानी, समाज, अर्थव्यवस्था एवं धर्म। भारत की लौंगुणी संस्कृतियों का संक्षेप सर्वसम्मिलण। जनपदों एवं महाजनपदों का उदय – राजतंत्र एवं गणतंत्र। नंद वंश तक माध्यम साम्राज्यवाद का उक्तर्थ। जैन धर्म एवं बौद्ध धर्म – उद्गम, शिक्षा, योगान्वण।

खण्ड – ख

मध्य साम्राज्य – मुख्य स्तर। चन्द्रगुप्त मौर्य एवं अरोक्त। अरोक्त का धर्म – इसकी प्रकृति एवं प्रचार। मौर्यकालीन राज्य एवं प्रशासन, समाज एवं अर्थव्यवस्था, कला एवं स्थापत्य। मौर्यों का पतन। मौर्यावत काल (लगभग 200 ई., पू. से 300 ईस्वी) – रूपों, सातवाहनों, राक्षसों एवं कुशाणों की उपलब्धियाँ। मौर्यावत काल में सामाजिक, धार्मिक एवं आर्थिक जीवन, तथा साहित्य एवं कलाओं का विकास। संगम युग – साहित्य, समाज, अर्थव्यवस्था एवं संस्कृति।

खण्ड – ग

गुप्त साम्राज्य – समुद्रगुप्त, चन्द्रगुप्त द्वितीय, विक्रमधुमिती, स्वर्गराज की उपलब्धियाँ। राज्य एवं प्रशासनिक संस्थाएँ। सामाजिक एवं आर्थिक जीवन। धार्मिक दृष्टि एवं संस्थाएँ। साहित्य, कला एवं विज्ञान का विकास। 750 ईस्वी तक गुप्तावत काल – वर्णों, चलुक्यों एवं पालों की उपलब्धियाँ। गृहराजीवि संघर्ष। साम्राज्यवादी चोल एवं उनकी उपलब्धियाँ। 750 से 1200 ईस्वी के काल में सामाजिक एवं आर्थिक परिवर्तनों का अव्ययतन तथा सांस्कृतिक जीवन का संक्षेप सर्वसम्मिलण।

Books Recommended (अनुसारित पुस्तकें):

H. D. Sankalia : Prehistory of India, MunshiRam Manoharlal, New Delhi, 1977
Dilip K. Chakrabarti: India: An Archaeological History (Paleolithic Beginnings to
Early Historic Foundations), Oxford University Press,
New Delhi, 1999
Delhi, 1998
R.K. Mookerji : Chandragupta Maurya and His Times, Delhi, 1952
(Also in Hindi)
Aśoka, Delhi, 1972 (also in Hindi)
B. N. Puri : India under the Kushanas, Bombay, 1965
PAPER II: HISTORY OF RAJASTHAN (FROM EARLIEST TIMES TO 1956 A.D.)

Section - A

Section – B


Section – C


हिंदी प्रस्तावना : राजस्थान का इतिहास (आर्थिक काल से 1956 ईस्वी तक)

खण्ड – क

राजस्थान के इतिहास के खंडों का वर्णन। राजस्थान में पुरातात्विक और मध्यप्राचीन संस्कृतियों का विस्तार। ताम्रपाणिक और ताम्रचुनीन संस्कृतियों के उदय। मुग्ल। गुर्जर–प्रतिहारों के उदय। ब्राह्मण। बौद्ध।

खण्ड – ख

राजस्थान में मुसलमान आक्रमण का राजपूत प्रतिक्रिया। महाराजा कुंभा एवं सांगा के आधीन गुजरात। महाराजा प्रताप का स्वतंत्रता के लिए संगठन। स्वतंत्रता के लिए चंद्रसेन के प्रयास। स्वतंत्रता का योगदान। राजस्थान में समाज एवं संस्कृति की मुद्दों का विषय। (1200–1750 ईस्वी)

खण्ड – ग

राजस्थान में महात्मा आक्रमण एवं उनका प्रभाव। भ्रातिपुत्र का स्वतंत्रता। इसके पश्चात्त भ्रातिपुत्र एवं न्यायिक परिवर्तन। समाजात्मक परिवर्तन – महात्मा गंगाधर एवं सती पर प्रतिक्रिया। महात्मा गंगाधर का विषय। राजस्थान में 1857 का क्रांति। राजस्थान में आर्थिक समाज का प्रभाव। राजस्थान में आर्थिक समाज का प्रभाव। कृषि आग्रह और जनजातीय आंदोलनों का एक संगठन। राजस्थान में नारे का गठन एवं स्वाधीनता संघर्ष। राजस्थान के राज्यों का एकीकरण।

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45:
Dasharath Sharma: Rajasthan through the Ages, Vol. I, Bikaner, 1966
: Early Chauhan Dynasties, Delhi, 1975
G. N. Sharma: Rajasthan through the Ages, Vol. II
: Mewar and the Mughal Emperors
: Social Life in Medieval Rajasthan
M. S. Jain: Rajasthan through the Ages, Vol. III
: Surplus to Subsistence, Delhi, 1994
D.C. Shukla: Concise History of Modern Rajasthan
B. N. Puri: Early History of Rajasthan, Delhi, 1978
: The History of the Gurjara-Pratiharas, Delhi, 1975
Shanta Rani Sharma: Society and Culture in Rajasthan c. A.D. 700-900, Delhi, 1996
V.S. Bhatnagar: Life & Times of Sawai Jai Singh (also in Hindi)
V. N. Misra: Rajasthan: Prehistoric and Early Historic Foundations,
गोपीनाथ शर्मा: राजस्थान का इतिहास, आगरा
: राजस्थान का सांस्कृतिक इतिहास, राजस्थान हिन्दी ग्रंथ
: अकादमी जयपुर
: राजस्थान के इतिहास के बीत, राजस्थान हिन्दी ग्रंथ अकादमी, जयपुर
: उत्तर भारत का राजनीतिक इतिहास, लखनऊ
: आधुनिक राजस्थान का इतिहास, जयपुर
: आधुनिक राजस्थान का इतिहास, खण्ड I एवं खण्ड II, राजस्थान हिंदी ग्रंथ अकादमी, जयपुर

* * * * * * * * * *
Scheme of Question Papers

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

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

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

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

खण्ड 'क'
राजनीति विज्ञान: परम्परागत और आधुनिक दृष्टिकोण, व्यवहारवाद व उत्तर व्यवहारवाद, अतः अनुशासनात्मक दृष्टिकोण, राजनीति विज्ञान का अन्य समाज विज्ञानों से संबंध, अवधारणाएँ: शक्ति, सत्ता व वैधता।

खण्ड 'ख'
राजनीतिक व्यवस्था, राजनीतिक आधुनिकीकरण, राजनीतिक विकास, लोकतंत्र, निरक्षुतंत्र, राजनीतिक दल व दलवाद समूह, प्रतिनिधित्व के सिद्धांत, विधि का शासन व संविधानवाद, शासन के अंग व उसके कार्य (आधुनिक दृष्टिकोण के विशिष्ट संदर्भ में)।

खण्ड 'ग'
राजनीतिक विचारधाराएँ: उदारवाद, प्रत्ययवाद, मार्क्सवाद, लोकतात्त्विक समाजवाद, अराजकतावाद व नारीवाद।

Paper-I: Foundations of Political Science

Section-'A'
Traditional and Contemporary Perspective of Political Science, Behaviouralism and Post- Behaviouralism, Inter-disciplinary Approach, Relation of Political Science with other Social Science, Concept: Power, Authority, Legitimacy.

Section-'B'
Political System, Political Development, Political Modernization, Democracy and Dictatorships, Political Parties, Pressure Groups, Theories of Representations, Rule of Law and Constitutionalism, organs of Government and their Functions (with reference to recent trends.)

Section-'C'
Political Ideologies: Liberalism, Idealism, Marxism, Democratic Socialism, Anarchism and Feminism.

Books recommended:-
Asirvatham: Political theory (Hindi and English editions)
Mac Iver: The Modern State
Appadorai: Substance of Politics (Hindi and English editions)
S.B Dubey: Rajniti Shastra Ke Sidhant
V.k. Arora: Rajnitii Vigyan (Gadodia Pustak Bhandar, Bikaner)
J.C Johri: Principles of Political science
Chandrave Prasad: Political ideas
एस.एन. दुबे : विवर्तनमेंट एन्ड पॉलिटिकल थाट इन इण्डिया इकबाल नायरण : राजनीति शास्त्र के सिद्धांत पुरुषाराज जैन : राजनीति शास्त्र के मूल आधार पी.के.वध्या : राजनीति शास्त्र के मूल आधार अर.सी.अखिलाधार : राजनीति शास्त्र के सिद्धांत डॉ. भी.एन.जीन एवं चन्द्रा हीरानाथ : राजनीति शास्त्र के आधार अरण कुमार त्यागी : राजनीति विज्ञान के मूल आधार ओ.पी.गाबा : राजनीति विज्ञान के मूल आधार तत्व रूद्र जैन : राजनीति विज्ञान के सिद्धांत
पी.पी. सूद : मैन कर्नल स्टेज इलेक्ट्रानिक पॉलिटिकल थॉर्ट (हिन्दी व अंग्रेजी)
एस.एल.वर्मा व बी.एम. शर्मा : प्रमुख भारतीय राजनीतिक विचारक
बी.पी. वर्मा : भारतीय राजनीतिक व आर्थिक विचारन
अ.पी.गावळे : प्रमुख भारतीय राजनीतिक विचारक
बी.एम.शर्मा : प्रमुख भारतीय राजनीतिक विचारक
मघुकर श्याम चतुर्वेदी : प्रमुख भारतीय राजनीतिक विचारक
10. INDIAN MUSIC

Scheme:

Number of Student –

❯ Max. - 15
❯ Min. - 04

Paper I  3 hrs. duration  Max. Marks 40  Min. Marks 15
Paper II  3 hrs. duration  Max. Marks 40  Min. Marks 15
Practical    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: Each theory paper will contain nine questions having three question in each section. Candidates are required to attempt five questions in all selecting atleast one question from each section.

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

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Paper I

Principles of Indian Music

Section -A

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

1. Definition and explanations of the Following: Naad, Shruti, Swar Saptak, That, Raga, Mukhra, Sthai, Antara, Vadi, Samvadi, Anuvadi, Vivadi, Taal, Laya, Matra, Sam, Khali, Avartan, Theka, Alap, Taan, Bol-alap, Bol-taan, Sargam. (Tihai, Maseetkhani Gat and Rajakhani Gat)

2. Critical study of all the Ragas, Identification and development of Raga through Alaps: Yaman, Bageshwari, Alhaiya Bilawal, Bhupali, Hindol, Hameer and Desh.

Section -B

3. Important and Basic rules regarding Hindustani Music.

4. Writing of the prescribed Talas, with Dugun, Dhamar, Kharva, Trital, Jhaptal, Ektal, Chautal, Dadra.

Section -C

5. Classification of Indian instrument.

6. Notation writing of Composition Gats in the prescribed Ragas.

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Paper II

History of Indian Music

Paper II 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.

Section – A


2. Detailed study of the Notation system of Pt. Vishnu Digamber and Bhatkhande.

Section – B

3. Contribution of the following:
   Jaideo, Swami Haridas, Amir Khusro, Tansen.


Section – C

5. Use and description of the following instruments: Tabla, Sitar and Tanpura.

6. Elementary knowledge of the following dances: Kathak, Bharat Natyam, Kathakali and Manipuri.
There shall be one practical paper. (conducted by two different External Examiners)

Duration of Exam.: 1 hour per candidates.

**Presentation of Ragas & Viva-voce**

(Pertaining to general questions on Raga, Laya and Tal and to sing or play all the Ragas according to syllabus).

**Detailed Course:**

**Vical Music**

1. To sing given musical piccc and to recognize the ragas & swaras when sing.
2. To show the difference of ragas by means of characteristics swarvistaras and to sing swar-vistaras in all the ragas.
3. To know orally the "böl" with Dugun and mark time on hand and to recognize the following talas when played on table-Dhamar, Tilwara, Tital, Jhalfal, Ektal, Chautal, Kharva and Dadra.
4. To sing Arohi, Avrohi, Pakad and Swar Vistar of the following ragas- Yaman, Bageshree, Alhaiya, Bhupali, Bhimplasi, Bilawal, Hindole, Hameer, and Des.
5. With the accompaniment of table to sing slow khayal and fast khayal with sufficient alaps and tanas of different varieties in the following four ragas- (i) Yaman (ii) Bageshree (iii) Bhimplasi.
6. To sing a Fast Khayal or Tarana with sufficient Tanas in any three ragas of the following – (i) Alahaiya-bilawal (ii) Hindole (iii) Hameer (iv) Bhupali (v) Des.
7. With the accompaniment of table or pakhawaj to sing one drupad with Dugun and one Dhamar with Dugun in any two ragas prescribed, under clause 4 but not selected under clause 5&6.
8. To sing light classical /Bhajan composition in the ragas mentioned in clause 4
9. One Lakshan Geet/Sargam
Instrumental Music

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

5. To play a vilambit Gat (विलम्बितगत) and Fastgat (दुर्गत) with sufficient varieties of Todas and Jhalas in the following Three ragas.
   (i) Yaman (ii) Bageshree (iii) Bhiplasi.

6. With the accompaniment of tabla to play a Fastgat (दुर्गत) with Todas and Jhalas in any Three ragas of the following:
   (i) Alahaiya-bilawal (ii) Hindole (iii) Hameer (iv) Bhupali (v) Des.

7. With to play a composition composed in other than trital in any of the ragas mentioned in clause 4 but not selected under clause 5 & 6.

8. To play a dhun in any Raga.

Books Recommended:

1. A Short Historical Survey of the Music of Northern India by Pt. V.N. Bhatkhande.
2. संगीत के जीवन प्रृथ - एस.एन.राय।
3. Vadya shastra - Shri Harish Chandra Srivastava,
5. Sangeet Visharad by Basant.
6. Comparative Study of the Music of the 15th 16th and 17th Centuries, By Pt. V.N. Bhatkhande (Sangeet Karyalaya, Hathras.)
7. Sangeet Kàumudi-Vikramaditya Singh, V. Nigam.
8. Tan Malika, Pt. III (Uttararadha) by Raja Bhaya Poonchwale.
Public Administration

<table>
<thead>
<tr>
<th>Scheme</th>
<th>Max. Marks</th>
<th>Min. Marks</th>
<th>Time</th>
</tr>
</thead>
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<tr>
<td>Two Papers</td>
<td>200</td>
<td>72</td>
<td></td>
</tr>
<tr>
<td>Paper-I</td>
<td>100</td>
<td>36</td>
<td>3 Hours</td>
</tr>
<tr>
<td>Paper-II</td>
<td>100</td>
<td>36</td>
<td>3 Hours</td>
</tr>
</tbody>
</table>

Note: Each paper shall consist of two parts.

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

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

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Paper - I: Elements of Public Administration

Section A


Section B

Chief Executive, Line and Staff Agencies, Supervision, Delegation, Leadership, Communication, Decision-making, Public Relations.

Section C


Books Recommended:
1. A. Awasthi, S.R. Maheshwari, Public Administration.
2. C.P. Bhambhari : Public Administration.
5. Rumki Basu : Public Administration.
7. S.L. Goel; Public Administration - Theory & Practice.
10. Surendra Katariya, Lok Prashashan Ke Tatav.

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Paper II: Public Administration in India

Section - A

Historical Background of Indian Administration with special reference in influence of British period, salient features of Indian Administration. The Union Executive: President, Prime Minister and council of Ministers. The organization and working of the Central Secretariat and Cabinet Secretariat.

Section - B


Section - C

Personnel Administration: Classification of Indian Civil Services, Recruitment and Training of All India Services. Control over Administration: Legislative, Executive and Judicial; Administrative corruption, Redressal of Public Grievances, Administrative Reforms, Comparative study of Administrative Reforms, Commission I and Administrative Reforms, Commission II with reference of Personnel Administration and Corruption.

Books Recommended:

1. S. R. Maheshwari: Indian Administration.
2. P. Sharan: Public Administration in India.
3. Ramesh Arora & Rajni Goyal: Indian Public Administration.
4. Avasthi & Avasthi: Indian Administration.
6. श्री.एल. फडिया: भारत में लोक प्रशासन
7. श्री.डी. शर्मा एवं श्री.एम. शर्मा: भारतीय प्रशासन
8. रविन्द्र शर्मा: भारत में लोक प्रशासन
9. सुरेन्द्र कट्टरिया: भारत में लोक प्रशासन
10. एस.आर. माहेश्वरी: भारतीय प्रशासन
प्रश्न पत्र - 1: लोक प्रशासन के तत्त्व

प्रथम खण्ड

लोक प्रशासन का अर्थ, प्रकृति व क्षेत्र, आधुनिक समाज में लोक प्रशासन का महत्त्व, लोक व निजी प्रशासन, लोक प्रशासन के अध्ययन का विकास, लोक प्रशासन एक सामाजिक विज्ञान के रूप में तथा लोक प्रशासन का अन्य सामाजिक विज्ञानों - राजनीति विज्ञान, अर्थशास्त्र, समाजशास्त्र, कानून व मनोविज्ञान से सम्बन्ध, लोक प्रशासन के अध्ययन के उपाय-शास्त्रीय एवं मानवीय।

द्वितीय खण्ड

संगठन - अर्थ, औपचारिक एवं अनौपचारिक संगठन, संगठन के सिद्धान्त - पदार्पण, आदेश की एकता, नियंत्रण का क्षेत्र, समन्वय, केंद्रीकरण, विके-विद्वान, लक्ष्य एवं उत्तरदायित्व।

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मुख्य कार्यपालिका, सूत्र एवं स्टॉफ अभिकरण, पर्यवेक्षण, प्रत्यायोजन, नेतृत्व, संचार, निर्णय-निर्माण, लोक सम्पर्क।

तृतीय खण्ड

ब्रजट : अर्थ एवं प्रकार, ब्रजट के सिद्धांत, सामाजिक-आर्थिक नीति के साधन के रूप में ब्रजट, क्रांतिक प्रशासन : अर्थ, प्रकृति एवं सहाय, नौकरशाही की प्रकृति, लोक सेवा और विकासशील समाज में इसकी भूमिका, वर्गिकरण : लोक सेवकों की भूमिका, प्रशिक्षण, प्रदर्शनी, लोक प्रशासन में मनोबल एवं अभिप्रेत।

अनुशंसित पुस्तकें –

1. ए. अक्षरी, एस.आर. माहेशवरी : पब्लिक एडमिनिस्ट्रेशन
2. सी.पी. भानूधरी : पब्लिक एडमिनिस्ट्रेशन
3. दी.आर. सच्चिदेव : एड भी.सी. चोरागानी : पब्लिक एडमिनिस्ट्रेशन : कॉन्फ्रेंट्स एड एन्टोकेंशन्स
4. राहिल बंडोपाध्याय : पब्लिक एडमिनिस्ट्रेशन
5. रघुनाथ बसु : पब्लिक एडमिनिस्ट्रेशन
6. एस.पी. शर्मा : एड. बी.एल. सरदारा : पब्लिक एडमिनिस्ट्रेशन इन थ्योरी एड प्रैक्टिस
7. एस.एल. गोयल : पब्लिक एडमिनिस्ट्रेशन - थ्योरी एड प्रैक्टिस
8. बोशियाह सिंह : एड. प्रदीप सच्चिदेव : एडमिनिस्ट्रेशन थ्योरी
9. रविचन्द्र शर्मा : लोक प्रशासन के तत्त्व
10. सुरेंद्र कटारिया : लोक प्रशासन के तत्त्व

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University of Rajasthan
JAIPUR
द्वितीय पत्र — भारत में लोक प्रशासन

पागल ग्राम

भारतीय प्रशासन की ऐतिहासिक पृथक्कृति उ यूरोप काल के प्राचीन व संस्कृत में, भारतीय प्रशासन की गुरुवर्ष विशेषताएँ, संस्कृती कार्यपालिका : राज्यपाल, प्रधानमंत्री एवं मंत्रिपालिका, केन्द्रीय सचिवालय, मंत्रिमंडल सचिवालय।

द्वितीय खण्ड

गृह मंत्रालय, कार्यकृत वेशन एवं लोक शिक्षा व मानवीय कृति मंत्रालय का संगठन व कार्यकरण, लोक उद्योगो के प्रमुख प्रकार : विभाग, निगम एवं कम्यूनियन प्रशासन, लोक उद्योगो की संस्थाओं का संगठन, विदेशी प्रशासन : विभिन्न क्षेत्रों का निर्माण, बजट का संसद में अनुमोदन एवं बजट का क्रियान्वयन, नियंत्रण एवं महालेखा परीक्षक, लोक लेखा समिति, अनुमान समिति।

तृतीय खण्ड

कार्यकृत प्रशासन : भारतीय लोक सेवकों का वर्णकरण, अभिल भारतीय सेवकों में भर्ती एवं प्रशिक्षण, प्रशासन पर नियंत्रण : विश्वासी, कार्यपालिका एवं व्याख्यान, प्रशासनिक भ्रष्टाचार, लोक परिवेश नियंत्रण का प्रशासन, प्रशासनिक सुचार, कार्यकृत प्रशासन एवं भ्रष्टाचार के विशेष संदर्भ में प्रश्न प्रशासनिक सुचार आयोग एवं द्वितीय प्रशासनिक सुचार आयोग का तुलनात्मक अध्ययन।

अनुसूचित पुस्तकों :

1. एस.आर. गाठेवारी : भारतीय प्रशासन।
2. पी. शरण : पल्टन एवं गितिनिर्देश इंडिया।
3. सर्जन अरोडा, एन. जी. गोयल : इंडियन पल्टन एवं गितिनिर्देश।
4. अवस्थी एवं अवस्था : भारतीय प्रशासन।
5. विस्मित सिंह एवं प्रस्तुत सचिव देव : भारतीय प्रशासन।
6. भी.एल. फादिया : भारत में लोक प्रशासन।
7. पी.डी. शर्मा एवं भी.एम. शर्मा : भारतीय प्रशासन।
8. श्रीकृष्ण शर्मा एवं भी.एम. शर्मा : भारतीय प्रशासन।
9. सुरेन्द्र कश्यप : भारत में लोक प्रशासन।
10. एस.आर. गाठेवारी : भारतीय प्रशासन।

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University of Rajasthan
JAIPUR

60
DRAWING & PAINTING

SCHEME:

| Theory Paper I | Duration | M.M. | Min. Pass Marks |
| Theory Paper I | 3 hrs. | 90 | 32^{2} |
| Topic: Fundamentals of Arts | 3 hrs. | 45 | 32^{2} |
| Practical Paper II | 3 hrs. | 45 | |
| Part A - Study from object | 20 | 07 | |
| Part B - Creative Design | Total | 200 | 72 |

Paper I: Fundamental of Art

Note: The paper consists of two parts:
Part – I: Carries 30 marks and consists 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

Meaning and Definition of Art, Importance of Art, Visual and Performing Arts (Painting, Sculpture, Music, Dance and Drama), Various Art Styles – Tribal and Folk Art, Child Art, Classical and Modern Art.
Creative Process – Observation, Perception, Imagination and Creative Expression.

Section – B

Elements of Painting – Line, Form, Colour, Tone, Texture, Space.
Principles of Composition – Unity, Harmony, Balance, Rhythm, Dominance, Proportion.
Perspective, Drawing and Rendering.

Section – C


Books Recommended:

2. Bhartiya Murtikala - Rai Krishna Das, Nagri Pracharini Sabha, Varanasi (Kashi) AD 2030
6. Saga of Indian Sculpture - K.M. Munshi
10. कला के नमूने अरुण - सूर्येंद्र सिंह यादव, अजय यादव, साजस्थान हिंदी प्रथा अकादमी, अयोध्या, 2016.

Grade: 71

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University of Rajasthan
JAIPUR
Paper – II Practical
Part-A

Medium water colour
Study from Objects
size ¾ Imp.
3 hrs. duration

A group of objects (not more than four) should be arranged against drapery background with a flat foreground. The objects should include common articles of daily use with fruits and vegetable etc.

Part-B
Creative design
Medium any medium
size ¾ Imp.
3 hrs. duration

Two dimensional design should be made giving stress on stylisation, colour-scheme and texture etc.
Practical paper shall have two sessions of three hours each excluding break of one hour.
Submission of practical work Max. Marks 20 Min. Pass Marks 7
(a) 3 plates of pencil shading and 5 plates of study from objects with water colour.
(b) 8 plates of creative design.
(c) A sketch book of not less than 50 sketches.

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

Scheme:

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

<table>
<thead>
<tr>
<th>Paper-II</th>
<th>3 hrs. duration</th>
<th>Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>100</td>
<td></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.
Maximum Marks: 100

**Paper I: Introduction to Sociology**

**Unit I: Understanding Sociology**

**Unit II: Basic Concepts in Sociology.**
Society, Community, Social Group, Institution, Social Structure, Social System, Status and Roles, Social Action, Culture, Norms and Values, Associative and Dissociative Social Processes.

**Unit III: Dynamics in Sociology**
Social Stratification: Concept, Forms and Theories (Functional and Marxist), Social Mobility: Concept and Forms, Social Control: Concept and Forms, Social Change: Concept, Forms (Linear and Cyclical), Socialization: Concept, Stages and Theories (Sigmund Freud, G.H. Mead and C.H. Cooley)

**Essential Readings: (in English):**
Maximum Marks: 100

**Paper II: Society in India**

**Unit I: Sociological Understanding of Indian Society**
Textual and Field-View Traditions: G.S. Ghurye and M.N. Srinivas, Civilization and the Marxian Tradition: N.K. Bose and D.P. Mukerji

**Unit II: Basic Institutions of Indian Society:**
Family, Marriage and Kinship: Meaning and Forms Issues: Continuity and Change. Caste and Class: Meaning and Forms Issues: Continuity and Change

**Unit III: Challenges & Problems Before Indian Society:**
Casteism, Communalism, Regionalism, Corruption, Crime Against Women and Children, Drug Abuse, Problems of Ageing

**Essential Readings: (in English):**
Mandelbaum, D.G., 1970: Society in India, Bombay: Popular Prakashan
Singh, Yogendra, 1994: Modernization of Indian Tradition, Jaipur: Rawat Publications
Essential Readings: (in Hindi):

1. सिंधी, नरेन्द्र कुमार एवं गोस्वामी, वसुधाकर, 2007, समाजशास्त्र विवेचन, जयपुर: राजस्थान हिंदी ग्रन्थ अकादमी

2. आहूजा, राम एवं आहूजा, मुकेश, 2008, समाजशास्त्र विवेचना एवं परिपेक्ष्य, जयपुर: रावत प्रकाशन

3. दोषी, एस. एल. एवं जैन पी. सी., 2006, समाजशास्त्र नई दिशाएँ, जयपुर: रावत प्रकाशन

4. सिंह, जे. पी., 2008, समाजशास्त्र: अवधारणाएँ एवं विभाजन, नई दिल्ली: प्रेस्टिज हाउस ऑफ़ इण्डिया प्राइवेट लिमिटेड

5. सिंह, जे. पी., 2008, आधुनिक भारत में सामाजिक परिवर्तन, नई दिल्ली: प्रेस्टिज हाउस ऑफ़ इण्डिया प्राइवेट लिमिटेड

6. मैकाइवर, आर. एम. एवं पेज चार्ल्स एच. 1992: समाज (एक परिचयात्मक विश्लेषण), आगरा: रतन प्रकाशन मन्दिर (अनुवादक जी. विश्वेश्वर एवं रामपाल सिंह गोड़ा)

Dy. Registrar (Acad.)
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Essential Readings: (in Hindi):
1. आहूजा, राम, 2009, भारतीय सामाजिक व्यवस्था, जयपुर: रावत पब्लिकेशन्स
2. दोस्टी, एस. एल. 2009, भारतीय सामाजिक विचारक, जयपुर: रावत पब्लिकेशन्स
3. शर्मा, के. एल. 2006, भारतीय सामाजिक संरचना एवं परिवर्तन, जयपुर: रावत पब्लिकेशन्स
4. दोस्टी, एस. एल., एवं जैन, नी. सी. 2002, भारतीय समाज, जयपुर: नेशनल पब्लिशिंग हाउस
5. पटेल, तुलसी, 2011, भारत में परिवार: संरचना एवं व्यवहार, जयपुर: रावत पब्लिकेशन्स
6. जैन, शोभिता, 2008, भारत में परिवार, विवाह और नातेदारी, जयपुर: रावत पब्लिकेशन्स
SYLLABUS FOR THE FIRST 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: MAXIMUM MARKS: 75
PAPER - II: MAXIMUM MARKS: 75
PAPER - III: MAXIMUM MARKS: 50
TOTAL MARKS: 200

PAPER - I GRAMMAR 2 hours 75 marks

The following grammar topics will be covered in class:

1. L’Alphabet et les mots.
2. La phonétique et l’intonation.
3. Les noms et les phrases.
4. Les articles indéfinis, définis et partitifs.
5. Les verbes au présent, les verbes pronominaux.
7. L’interrogation et Les quantificatifs.
8. Les prépositions, adverbes de lieu et la négation.
9. Les adjectifs de nationalité et de couleur – le nombre et le genre.
10. Les pronoms COD.
11. Futur proche.
13. Imparfait.

PAPER - II READING COMPREHENSION & PARAGRAPH WRITING 2 hours 75 marks

Part A: Reading Comprehension (50 marks)
- Two Comprehension passages from the prescribed text
  (25 marks each) and answer the questions. (true/false, multiple choice questions etc)

Part B: Paragraph Writing (25 marks)
- Write a short paragraph of about 10 to 15 sentences
on any one of the following five themes
i) Portrait of a friend
ii) Letter to a friend inviting him to visit your city explaining main attractions of the city
iii) Description of your dream house
iv) Visit to a restaurant / descriptive or dialogue form

PAPER - III Viva-Voce

Teaching Material / Books:

Reference Books:
1. Larousse compact Dictionary: French-English/ English-French
2. Conjugaison - Le Robert & Nathan

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JAIPUR
SYLLABUS FOR THE FIRST YEAR B.A. IN GERMAN

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

<table>
<thead>
<tr>
<th>Paper</th>
<th>Maximum Marks</th>
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<tbody>
<tr>
<td>Paper I</td>
<td>75</td>
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<tr>
<td>Paper II</td>
<td>75</td>
</tr>
<tr>
<td>Paper III</td>
<td>50</td>
</tr>
<tr>
<td>Total Marks</td>
<td>200</td>
</tr>
</tbody>
</table>

PAPER I  GRAMMAR  75

Grammar portions

- Der Artikel, das Nomen und Verb
- Personalpronomen
- Der Akkusativ und Dativ
- Der Imperativ mit >du, Sie, ihr<
- Das Präsens von starken Verben
- Fragepronomen wer, wen, wem, was
- Possessivpronomen
- Präpositionen mit dem Dativ und Akkusativ
- Modalverben
- Wechselpräpositionen
- Fragepronomen wo, woher, wohin
- Das Präteritum und Perfekt
- Reflexivpronomen
- Adjektivdeklination
- Nebensatz
- Komparativ und Superlativ der Adjektive
- Passiv und Relativsätze

PAPER SECOND  MAX. MARKS 75  DURATION TWO HOURS

COMPREHENSION AND PARAGRAPH WRITING
(c) COMPREHENSION OF THE GIVEN PASSAGES  25 marks each passage
Candidates will be required to read the given two passages and answer the short-answer questions based on the passages – One passage should be from the prescribed text book.


(d) Paragraph writing
Candidates will be required to write one paragraph of about 10 to 15 sentences on one of the below given topics. Examiner to give five topics in the paper.
(vi) My friend
(vii) My house
(viii) My favourite teacher
(ix) My city
(x) My family

PAPER - III Viva-Voce

Recommended Books:

Teste Dein deutsch - 1
Teste Dein Deutsch - 2
Tangram – 1 aktuell 1. Aufl. By Rosa-Maria Dallapizza u.a. Max
Hueber Verlag, Ismaing, 2004
Lagune 1A with work book and CDs
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 in each Year

- 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 I**

<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>
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<tbody>
<tr>
<td>Theory Paper I</td>
<td>Family Resource Management</td>
<td>3hrs</td>
<td>50</td>
<td>18</td>
<td>3</td>
</tr>
<tr>
<td>Practical I</td>
<td>Family Resource Management</td>
<td>3hrs</td>
<td>50</td>
<td>18</td>
<td>2</td>
</tr>
<tr>
<td>Theory Paper II</td>
<td>Foods &amp; Nutrition</td>
<td>3hrs</td>
<td>50</td>
<td>18</td>
<td>3</td>
</tr>
<tr>
<td>Practical II</td>
<td>Foods &amp; Nutrition</td>
<td>3hrs</td>
<td>50</td>
<td>18</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td><strong>200</strong></td>
<td><strong>72</strong></td>
<td><strong>10</strong></td>
</tr>
</tbody>
</table>
**B.A. PART I**

**FAMILY RESOURCE MANAGEMENT (THEORY PAPER I)**

<table>
<thead>
<tr>
<th>Maximum Marks: 50</th>
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</thead>
<tbody>
<tr>
<td>Minimum Marks: 18</td>
</tr>
<tr>
<td>Teaching workload: 3 hrs/week</td>
</tr>
<tr>
<td>Total teaching workload: 72 hrs/year</td>
</tr>
</tbody>
</table>

**Objectives:**

1. To understand the meaning of resources management concepts related to management.
2. To apply managerial process to management of time, energy and money.
3. To understand saving, investment and credit pattern of family.
4. To increase awareness about consumer problems, rights, responsibilities & protection laws

**Contents:**

**UNIT-I**

**Housing**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Function &amp; family need of housing</td>
<td>1</td>
</tr>
<tr>
<td>2. Principles of house planning: aspect, prospect, grouping of room, roominess, privacy, orientation, circulation, flexibility, spaciousness, aesthetics economy, ventilation services</td>
<td>5</td>
</tr>
<tr>
<td>3. Site selection:</td>
<td>3</td>
</tr>
<tr>
<td>i. size</td>
<td></td>
</tr>
<tr>
<td>ii. soil types drainage</td>
<td></td>
</tr>
<tr>
<td>iii. contour (shape)</td>
<td></td>
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<tr>
<td>iv. orientation</td>
<td></td>
</tr>
<tr>
<td>4. Elements and principles of arts and design as related to interior decoration with specific reference to color and light</td>
<td>6</td>
</tr>
<tr>
<td>5. Floor decoration with use of elementary art</td>
<td>2</td>
</tr>
<tr>
<td>6. Table setting &amp; etiquettes</td>
<td>1</td>
</tr>
</tbody>
</table>

**UNIT II**

**Interior designing**

<p>| | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>7. Room arrangement and decoration - arrangement of furniture, furnishings and accessories in various rooms.</td>
<td>5</td>
</tr>
<tr>
<td>8. Kitchen planning, importance of counters, storage, principles, working heights.</td>
<td>5</td>
</tr>
<tr>
<td>9. Selection and care of household equipment (without reference to any specific equipment)</td>
<td>2</td>
</tr>
<tr>
<td>10. Household waste &amp; its management by 3R</td>
<td>3</td>
</tr>
<tr>
<td>11. Flower decoration</td>
<td>4</td>
</tr>
<tr>
<td>i. Basic equipments</td>
<td></td>
</tr>
<tr>
<td>ii. Vases and containers</td>
<td></td>
</tr>
<tr>
<td>iii. Preparing plant material</td>
<td></td>
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<tr>
<td>iv. Shaping an arrangement</td>
<td></td>
</tr>
<tr>
<td>12. Furniture</td>
<td>3</td>
</tr>
<tr>
<td>i. Types of furniture</td>
<td></td>
</tr>
<tr>
<td>ii. Selection use &amp; care</td>
<td></td>
</tr>
</tbody>
</table>
UNIT-III
Resource Management

| 13. Meaning, definition and importance of home management | 2 |
| 14. Process of management: | 4 |
| * planning, | |
| * Organization, | |
| * Implementation, | |
| * controlling and evaluation | |
| 15. Introduction to motivational factors (meaning and types) | 4 |
| * Values | |
| * Goals | |
| * Standards | |
| * Decision Making | |
| * Resources | |
| 16. Time management: | 4 |
| * Tools in time management | |
|   i. Time cost | |
|   ii. Time norms | |
|   iii. Peak loads | |
|   iv. Work curve and rest periods | |
| * Process of managing time | |
| 17. Energy Management: | 6 |
| * Process of energy management | |
| * Fatigue | |
| * Body mechanics | |
| * Works simplification -Mundel's Classes of changes | |
| * Ergonomics: Meaning, importance & its components | |
| 18. Money Management | 6 |
| * Family Income: sources & type | |
| * Budget: Definition & Process of budget making | |
| * Saving, investment and raising housing loan: | |
|   i. Definition & Objectives | |
|   ii. Channels: bank, insurance, post office | |
| 19. Consumer problems, rights & responsibilities | 2 |
| 20. Seeking redressal to consumer problems with special reference to consumer courts | |

NOTE: Seminar presentations on selected topics from unit I and unit II

References:
4. David H, Bangs Jr. The market planning guides. Gougota Publishing. 3rd Ed
   2nd Ed.
   5th Ed.

**FAMILY RESOURCE MANAGEMENT (PRACTICAL I)**

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

**Objectives:**

1. To help students understand various banking procedures.
2. To help students understand house planning and interior decoration.

**Contents:**

<table>
<thead>
<tr>
<th>Hours</th>
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**Dy. Registrar (Acad.)**

University of Pradhan

JAIPUR
1. Project work on money management:
   - How to open various accounts in the bank.
   - Filling up of slips/forms of bank and post office.
     i. Application for draft
     ii. Cheques
     iii. Withdrawal slip
     iv. Money order form
     v. Application for housing loan
2. Floor decoration: Alpana, Rangoli & Mandana
3. Flower arrangement: fresh and dry arrangements.
4. Table setting
5. Best out of waste (one article)
7. House plans:
   - For various income groups (LIG, MIG, HIG)
     i. Drawing of architectural symbols of house plan
     ii. Architectural symbols of electricity plan
     iii. Furniture symbols
   - Rooms (making any one paper model)
     i. Drawing Room
     ii. Dining cum leaving room
     iii. Children study room
     iv. Bed room
     v. Pooja Room
   - Kitchen planning (making any one paper model)
     i. One wall
     ii. Two wall
     iii. L shape
     iv. U shape

**Examination scheme:**

**Total Marks: 50 marks**

1. Major: house plan/paper plan of rooms/paper plan of kitchen: 20 marks
2. Minor - I: Table setting/flower arrangement: 10 marks
   Minor - II: Floor decoration/cleaning/filling of forms: 10 marks
3. Internal - 10 marks

**FOODS & NUTRITION (THEORY PAPER II)**

**Maximum Marks: 50**

Minimum marks: 18

Teaching workload: 3 hrs/week

Total teaching workload: 72 hours/week

**Objectives:**

1. To give knowledge about basics of nutrition, nutrients and metabolism.
2. To give knowledge about meal planning for families and individuals.
3. To give knowledge about Normal & Therapeutic nutrition.
4. To give knowledge about Nutritional problems of public importance.
| Unit I |
|-----------------|-----------------|
| 1. Definition of Food and Nutrition, 5 basic Food groups, Balanced diet | 1 |
| 2. Functions of food: |
| • Physiological – Hunger, Appetite, Satiety. |
| • Psychological |
| • Social, Economic, Cultural. |
| 3. Functions, sources, Effect of deficiency, Daily allowances of: |
| • Macro Nutrients |
|   i. Carbohydrates |
|   ii. Proteins |
|   iii. Fats |
| • Micro Nutrients |
|   i. Minerals – Calcium, Iron, Iodine, Fluorine |
|   ii. Vitamins |
|   Water Soluble – B complex vitamins, Vitamin C |
|   Fat soluble—A, D, E & K |
| • Water Balance |
| • Energy Metabolism |
|   i. Unit of measurement of energy, definition of calorie, Kilocalorie. |
|   ii. Gross & Physiological fuel value of food. |
|   iii. BMR and factors affecting BMR/ Energy requirement (RDA) and factors affecting energy requirement. |

| Unit II |
|-----------------|-----------------|
| 4. Meal Planning |
| • Advantages & importance of meal planning. |
| • Goals of meal planning |
|   i. Food budget-factors affecting food budget, budgets for low, moderate & liberal incomes |
|   ii. Matching meals to time & energy |
|   iii. Other factors –taste, aroma, flavour, texture, temperature, traditions, likes & dislikes. |
| • Factors affecting meal planning. |
| • Factors affecting food intake. |
| 5. Normal Nutrition -- Nutritional requirements, physiological demands, problems, dietary guidelines for: |
| • Pregnancy |
| • Lactation |
| • Infancy (with special emphasis on breastfeeding & complementary feeding) |
| • Preschool child |
| • School going child |
| • Adolescent |
| • Adult |
| • Elderly person |

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<th>Hours</th>
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<tbody>
<tr>
<td>1</td>
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<tr>
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<tr>
<td>12</td>
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<tr>
<td>16</td>
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<tr>
<td>8</td>
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</tbody>
</table>
Unit III

6. Therapeutic Nutrition

- Modification of normal diet to therapeutic diet.
- Dietary management of the following:
  i. Obesity
  ii. Under weight
  iii. Diseases of the gastrointestinal tract – Diarrhoea, Constipation, dyspepsia/Indigestion
  iv. Fevers
  v. Liver – Jaundice
  vi. Diabetes
  vii. Hypertension

7. Nutritional Problems of Public Health Importance and their management:

- Protein Energy Malnutrition
- Anaemia
- Fluorosis
- Vitamin A deficiency
- Iodine Deficiency Disorder

References:

2. Srilakshmi, B. Food Science, new Age International (P) Ltd. Publishers, New Delhi,

3. Swaminathan MS(2010) Aahār evam Poshan, NR Brothers,MY Hospital Marg, Indore,


FOODS AND NUTRITION (PRACTICAL II)

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

Contents:

<table>
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<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>1. Methods of cooking: - Preparation of any four dishes using the following methods of cooking</td>
<td>6</td>
</tr>
<tr>
<td>Boiling – for e.g. Rice, Tea, Coffee</td>
<td></td>
</tr>
<tr>
<td>Steaming – Idli, Dhokla, Muthia</td>
<td></td>
</tr>
<tr>
<td>Simmering – kheer, rabadi, kadhi, custard, stews- apple &amp; pear</td>
<td></td>
</tr>
</tbody>
</table>
### Frying

i. Shallow – cheela, paratha, tikki

ii. Deep – pakoda, mathri, samosa, kofta etc.

- Baking – cake, biscuit, nan khatai
- Roasting – papad, moongphali (groundnuts)

2. Preparation of Beverages – Tea (hot & iced), Coffee (Hot & cold), chhaach, lassi, milk shakes, fruit punch (using squashes, fresh fruits), lemonade, jaljeera, aamla shake, aam panna, mocktails(2), mirinda shake.

3. Cereal cookery – chapaati, puri (plain, missi), paratha (stuffed, plain), cheela, bhatura, rice (plain, pulao, sweet), khichdi, daliya. Upma, halwa, baati, choorma, mathri (namak para, shakkar para), chowmein, pizza, sandwiches (open, toasted, vegetable)

4. Legumes & pulses-daal (plain & daal fry), rajma, chhole, dal makhani. Kadhi, mangodi, dahivada, dal pakodi, besan pakodi, sprout chaat, dal halwa.

5. Vegetables-Dry Vegetables (for e.g. aalu gobi, methi aalu, arbi, bhindi), stuffed vegetables (bhindi, capsicum), vegetables with gravy (dahi aalu, malai kofta, gatta, dum aalu, kadhai panner, shahi paneer), baked vegetables.


7. Soups-clear & cream including Indian soups-palak, tomato, mixed veg., minestrone, sweet corn, pea soup, lentil, raabri.

8. Salads-tossed, fruit salad, sprout salad, kosambri, corn, chana, pasta salad, salad dressing, (mayonnaise, lemon, vinegar).

9. Savory food preparation – dosa, uttapam, mixed veg cutlets, hara bhara kabab, burger, samosa, kofta, kachori, spring rolls, vada pav bhaji, sago khichri, bhelpuri

10. Sweets – jalebi, sandesh, gulab jamun, laddu, coconut barfi, gujiya, petha roll,
11. Meal planning for

- Pregnant woman
- Lactating woman
- Packed lunch for school going child adult man/woman
- Elderly

12. Plan dishes rich in

- Energy
- Protein
- Calcium
- Iron
- Vitamin A/β carotene

**Examination scheme:**

**Total Marks: 50 marks**

1. **Major problem** - 25 marks
   
   Meal Planning and preparation of one dish for any one of the following
   
   - Pregnant woman
   - Lactating woman
   - Packed lunch for school going child adult man/woman
   - Elderly

2. **Minor Problem** - 15 marks
   
   Preparation of one dish from
   
   - Any one method of cooking
   - Any one food group (cereals, vegetable, milk etc.)

3. **Internal** - 10 marks
17. **TEXTILE-CRAFT**

**Scheme:** B.A/B.COM PART-I - Exam - 2018.

<table>
<thead>
<tr>
<th></th>
<th>DURATION</th>
<th>MAX.MARK</th>
<th>MIN.MARK</th>
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<tr>
<td>(i) Theory: One paper</td>
<td>3Hrs</td>
<td>60</td>
<td>22</td>
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<tr>
<td>(ii) Practical: One</td>
<td>3Hrs</td>
<td>80</td>
<td>28</td>
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<tr>
<td>(iii) Submission: Two</td>
<td></td>
<td>60</td>
<td>22</td>
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</tbody>
</table>

**Syllabus (Theory):** Introduction to Textile Craft

**UNIT-I**

1. Introduction to Textiles

2. Definition of fibre, Properties of textile fibres, Primary & Secondary properties.

3. Classification of fibres

4. Production, manufacturing, properties and uses of Natural vegetable fibres - cotton, linen and jute

5. Yarn manufacture by Takli and Charkha

**UNIT-II**

1. Warp and Weft, Difference between warp and weft

2. Handloom, Parts of Handloom
3. Warp path on Handloom

4. Motion of Handloom (primary & secondary)

5. Elementary Weaves (Basic weaves): Plain, Twill, Satin & Sateen

UNIT-III

1. Concept of colours, Colour Wheel, Colour schemes, Achromatic & Monochromatic colours

2. Dyes and Pigments (colourless dyes)

3. Classification of Dyes

4. Dyeing of cotton fabric by Tie and Dye process

5. Fabric finishes- Introduction and Importance, basic finishes- bleaching, scouring, singeing, mercerising

Syllabus (Practical):

Samples preparation

(i) Tie and Dye (Marbling, pleating & folding, laheria and bandhej)

(ii) Elementary weaves (plain, twill, satin and sateen) on graph paper

(iii) Primary colour, secondary colour, colour scheme, achromatic & monochromatic colour

(iv) Hand painting

(v) Stencil Preparation and Painting
Submission:
Develop any two products
(i) Dupatta / scarf/table cover using tie and dye
(ii) Cushion cover or table mats using hand painting or stencil painting

Examination Scheme:

Major Problem: 50 Marks
Tie and dye/ stencil printing / hand painting on a product

Minor Problem: 30 Marks
Preparation of any weave or colour scheme

Reference books:


SECTION A: Textile Technology

1. General properties of : Natural Fibers – cotton, wool, silk,
   Regenerated - Rayon, Acetate
   Synthetic Fibers – Nylon, Acrylic

2. Fibers to yarn : The basic processes involved in making
   Yarns including Blending, carding, combing, mechanical and chemical spinning

3. Fabric construction : Weaving: plain, Twill, & satin weave

4. Fabric Finishes : Elementary knowledge of calendaring, mercerization and tentering

SECTION B: Traditional Textile

5. Knowledge of hand woven fabrics : Dacca muslin, jamdani, chanderi, brocade, baluchari, kashmiri shawls, doria, kanjivaram

6. Dyed Fabrics : Bandhej, ikat, patola

7. Printed Fabric : kalamkari, madhubani

8. Traditional embroideries of India :
   (a) kashida of Kashmir
   (b) kasuti of karnataka
   (c) Manipuri
   (d) chamba rumal
(e) kantha of bengal
(f) Phulkari of Punjab
(g) Chikankari of lucknow

SECTION - C

SELECTION CRITERIA

9. Selection of suitable fabrics for infants, toddlers, pre school children, school going children, adolescents, adults and special needs

10. Buying criteria for readymade garments, definition, origin & evolution of ready to wear garments

References:

1. Corbman, textiles fibre to fabric
2. Phyllis g. tortora, understanding textile.
3. Naik, traditional embroideries of India.
4. Bhatnager, paul, traditional Indian costumes and textiles.
5. Dhantyagi sushila, fundamentals of textile and their care.

B.SC./B.A./B.COM. PART -I

PAPER-II

BUSINESS AND GARMENT INDUSTRIES

B.A./B.COM. -M.M. 60
B.SC.-M.M. 50

HRS.-3

Dy. Registrar (Acad.)
University of Rajasthan
JAIPUR

85
SECTION A

1. Meaning and scope of business with special reference to garment export trade in India

2. The important factors to be considered at the same time of commencement of business - legal, economical, and social.

3. Different types of business -
   (a). individual organization
   (b) partnership
   (c) co-operative
   (d) public sector
   (e) company

4. Objectives, importance and utility of bookkeeping.

SECTION B

MERCHANDISING THEORY

5. Introduction to fashion merchandising: merchandising planning, scheduling, buying and evaluation


7. Careers in Apparel industries.

SECTION C

GARMENT INDUSTRY

8. Project planning for garment production unit.

9. Production and storage space, laundry area of garment industry.

10. Site selection for unit.


References:

2. Frings Stephens GIM, Fashion from concept to consumer.

3. Jindal, Ritu, Handbook of Fashion

B.A./B.COM./B.SC. PART -I

PRACTICAL –I

BASICS OF SEAMS AND EMBROIDERIES

B.A./B.COM.—M.M. 80

B.SC.—M.M. 50

HRS. 4

1. Decorative samples:
   - Lace edging - (machine)
   - Gathers - (machine), darts
   - Pleats - knife, box, inverted box
   - Frills - one side, two sided
   - Tucks - pin, cross, shell
   - Fastners - hook, tich button, shirt button, kaaj, loop with button, zip
   - Basic seams - Basting, (even, uneven, bakhya, blanket)
   - Hems - visible, invisible
   - Plackets - continuous, two piece
   - Pockets - patch, bound, inseam, kurta
   - Piping and facings

2. Basic Embroidery stitches:
   - Chain, stem, running, lazy-dazy, satin, herring - bone, buttonhole, bullion, feather
   - patch and apliqué work.

3. Make samples of following traditional embroideries:
   - Kashida, kantha, kasuti, phulkari, chamba rumal, chikankari, embroidery of kutch.

4. Taking body measurements and knowledge of standard measurements from child to adults.

5. Design and Prepare an article of embroidery/stitching sample.
19. INVESTIGATIVE BIO-TECHNOLOGY

Paper I: Bio-Chemistry and General Bacteriology

Max. Marks 60  3 hrs. duration  Min. Pass Marks 22
Teaching Periods 60

Section - A: Bio-Chemistry (Teaching Period 30)
1. Introduction and Scope of Bio-Chemistry.
3. pH, Buffers types and their uses.
4. Mole, Molar and normal solutions, concentration units.
5. Classification and metabolism of Carbohydrates, Lipids, Proteins, Nucleic acids and Nucleo proteins.
6. Introduction of Vitamins and Enzymes; Clinically important enzymes and their estimation.
7. Metabolism of inorganic substances like Iodine, Phosphorous, Copper, Iron and Calcium.
8. Electrolytes in various tissue fluids in health and disease.

Section-B General Bacteriology (Teaching Period 30)
1. Microbial World.
2. Structure of bacterial cell; functions of cell organelles.
3. Sterilization and disinfection.
4. Culture media.
5. Cultivation of Bacteria.
6. Identification methods in bacteriology.

Paper II - Elementary Anatomy, Physiology and Haematology
Max. Marks 60 3 hrs. duration Min. Pass Marks 22
Teaching Periods 60

Section-A: Elementary Anatomy and Physiology
(Teaching Period 30)

1. Introduction to human body.
2. Important landmarks in surface anatomy for L.M. and I.V. injection in adults, children and infants
3. Musculo- Skeleton and Respiratory system.
6. Urinary System.
7. C.N.S. (Central Nervous System) and A.N.S. (Autonomic Nervous System)
8. Endocrines and Reproductive system.
9. Skin and temperature regulation.

Section - B: Haematology (Teaching Period 30)

1. Structure of cell and cell division.
2. Blood forming tissues and Bone-marrow.
3. Formation of RBCs, granulocytes, Mononuclear cells, Platelets and their normal counts.
5. Anaemias-classification, diagnosis.

Practicals
Max. Marks 80 (52 x 3 periods) Min. Pass Marks 28

Unit-I: Bio-Chemistry

1. Glassware used in Bio-chemistry.
2. Cleaning of Glassware, weighing and measuring volumes.
3. Making and testing of distilled water.
4. Importance of calibration of glass apparatus used in estimation.

89.
5. Collection, coding, preservation and disposal of biological specimen material for biochemical analysis.
7. Bio-chemical estimation of-
   (a) Sugar
   (b) Urine
   (c) Stool
   (d) Protein
   (e) A.G. ratio.
8. Detection of Organic poisons like opium, oliander and vomice.

Unit-II General Bacteriology and Hematology

General Bacteriology:
1. Introduction to microscopy, various types of microscopes and their uses.
2. Wet bacterias mount and hanging drop preparation and dark field examination.
3. Preparation of smears for bacterial examination and Gram’s stain.
4. Preparation of various stains.
5. Staining of Smears-Sputum C.S.F. Body fluids, pus. aspirations.

Hematology:
1. Collection of blood from various sites in adult and children.
2. Cleaning of slides and cover slips and identification of various pipettes and their cleaning.
3. Making of statins used in Hematology.
4. Staining and examination of blood films.
5. Differential RBC and WBC counts.
**Teaching:** 3 Hours per Week per Theory Paper.
2 Hours per Week for Practicals

<table>
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<tr>
<th>Examination: Min. Pass Marks</th>
<th>Max. Marks</th>
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<tbody>
<tr>
<td>Scheme:</td>
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<tr>
<td>Science</td>
<td>150</td>
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<tr>
<td>Arts</td>
<td>200</td>
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<thead>
<tr>
<th>Paper – I</th>
<th>Discrete Mathematics</th>
<th>Duration</th>
<th>Max. Marks</th>
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<tbody>
<tr>
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<td>3 hrs.</td>
<td>40 (Science)</td>
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<tr>
<td>Paper – II</td>
<td>Calculus</td>
<td>3 hrs.</td>
<td>53 (Arts)</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>40 (Science)</td>
</tr>
<tr>
<td>Paper – III</td>
<td>Analytic Geometry and Optimization Theory</td>
<td>3 hrs.</td>
<td>54 (Arts)</td>
</tr>
<tr>
<td>Practical</td>
<td>Optimization Techniques</td>
<td>2 hrs.</td>
<td>30 (Science)</td>
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<tr>
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<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.

4. Each candidate has to pass in Theory and Practical examinations separately.
Paper – I: Discrete Mathematics
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: Sets, Cardinality, Principal of inclusion and exclusion, Mathematical induction. Relations and Functions- Binary relations, Equivalence relations and Partitions, Partial ordered relations and Lattices, Chains and Antichains, Pigeon Hole principle.

Unit 2: Boolean Algebras- Lattices and Algebraic structure, Duality, Distributive and Complemented Lattices. Boolean Lattices, Boolean functions and expressions. Fundamental theorem of arithmetic, divisibility in Z, Congruences, Chinese Remainder Theorem, Euler's \( \phi \) function, primitive roots.


Reference Books:

2. N. Deo, Graph Theory with Applications to Computer Science, Prentice-Hall of India.
Paper- II: Calculus
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: Series – Infinite series and Convergent series. Tests for convergence of a series – Comparison test, D’Alembert’s ratio test, Cauchy’s n-th root test, Raabe’s test, De-Morgan-Bertrand’s test, Cauchy’s condensation test, Gauss’s test, (Derivation of tests is not required). Alternating series. Absolute convergence. Taylor’s theorem. Maclaurin’s theorem. Power series expansion of a function. Power series expansion of \( \sin x \), \( \cos x \), \( e^x \), \( \log(1 + x) \), \( (1 + x)^n \).


Unit 5: Areas, Rectification, Volumes and Surfaces of solids of revolution.

Reference Books:

Paper-III: Analytic Geometry and Optimization Theory
Teaching: 3 Hours per Week
Duration of Examination: 3 Hours

Max. Marks: 40 (Science)
54 (Arts)

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

Unit 1: Polar equation of conics, Polar equation of tangent, normal and asymptotes, chord of contact, auxiliary circle, director circle of conics

Unit 2: Sphere, Cone.

Unit 3: Cylinder, Central Conicoids – Ellipsoid, Hyperboloid of one and two sheets, tangent lines and tangent planes, Direct sphere, Normals.

Unit 4: Generating lines of hyperboloid of one sheet and its properties. Reduction of a general equation of second degree in three-dimensions to standard forms.


Reference Books:

Practical: Optimization Techniques
Teaching: 2 Hours per Week

Examination:                     Duration: 2 Hours

<table>
<thead>
<tr>
<th>Scheme</th>
<th>Science</th>
<th>Arts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. Marks</td>
<td>30</td>
<td>40</td>
</tr>
<tr>
<td>Min. Pass Marks</td>
<td>10</td>
<td>13</td>
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</tbody>
</table>

Distribution of Marks:

Two Practicals one from each group

<table>
<thead>
<tr>
<th>10 Marks each = 20 Marks</th>
<th>(13 Marks each) = 26</th>
</tr>
</thead>
<tbody>
<tr>
<td>Practical Record = 05 Marks</td>
<td>07</td>
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<tr>
<td>Viva-voce = 05 Marks</td>
<td>07</td>
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<tr>
<td>Total Marks = 30 Marks</td>
<td>40</td>
</tr>
</tbody>
</table>

Group A: Modelling of industrial and engineering problems into LPP and its dual and their solution by Simplex Method.

Group B: Modelling of industrial and engineering problems into Assignment Problems and Transportation Problems and their solutions.

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.
ECONOMICS

<table>
<thead>
<tr>
<th>Scheme:</th>
<th>Min. Pass Marks</th>
<th>Max. Marks</th>
</tr>
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<tbody>
<tr>
<td>Arts</td>
<td>72</td>
<td>200</td>
</tr>
<tr>
<td>Science</td>
<td>54</td>
<td>150</td>
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<tr>
<td>Paper – I 3 hours duration</td>
<td>Micro Economic Theory</td>
<td>Arts 100</td>
</tr>
<tr>
<td>Paper – II 3 hours duration</td>
<td>Indian Economy</td>
<td>Science 75</td>
</tr>
</tbody>
</table>

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.
Paper 1- Micro Economic Theory

Section – A


Section – B


Section – C

Marginal Productivity Theory of Distribution Factor Pricing under Perfect and Imperfect Competition in labour Market. Ricardian Theory of Rent. Modern Theory of Rent and Quasi-

Dy. Registrar (Acad.)
University of Rajasthan
JAIPUR

Books Recommended:

4. एच.एल. अहूजा: उच्चतरआर्थिकता, एस. चांड एण्ड कंपनी, नई दिल्ली।
5. लक्ष्मीनारायण नाथूरामका: व्यतिःअर्थशास्त्र, रेशेदुकड़ियो,जयपुर।

Reference Books:


Paper – II Indian Economy

Section – A


Section – B


Dy. Registrar (Acad.)
University of Rajasthan

98
Foreign Trade: Size, Composition and Direction; Recent Trends in India’s Foreign Trade; Foreign Trade Policy.

Section – C


Books and References:

1. Rudra Datt and K.P.M. Sundaram: Indian Economy (Hindi & English), S. Chand, New Delhi.
22. Geography

Scheme of Examination

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

Notes

1. Students are permitted to use the stencils, simple calculator and log tables wherever needed in both theory and practical examinations. Each theory paper will have a teaching of 4 hours per week.

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

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

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

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

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

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

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

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University of Rajasthan
JAIPUR
SYLLABUS

Paper I: Physical Geography

Section A

Definition, scope and development of physical geography, geological history of the Earth; zoning of Earth's interior, rocks, origin of continents and oceans; continental drift theory and plate tectonics; concept of isostasy: views of Airy, Pratt, Joly and Holmes. Earth movements: epeirogenic and orogenic; mountain building theories: Kober, Jeffreys, Daly, Joly and Holmes and plate tectonics; denudation, cycle of erosion: views of W.M. Davis and W. Penek, erosional and depositional topographies: river, under groundwater, glacier, wind and oceanic waves.

Section B

Composition and structure of the atmosphere, insolation, air temperature, air pressure, pressure belts and planetary winds, monsoon and local winds, humidity, classification of clouds and precipitation, air masses, fronts and cyclones: tropical and temperate, classification of the world climates: Koppen and Thorthwaite, general climatic classification.

Section C

Surface configuration of oceans bottom: Pacific, Atlantic and Indian oceans, ocean deposits, horizontal and vertical temperature of oceans, oceanic salinity, tides, oceanic waves and currents, coral reefs and their origin: views of Darwin and Dana, W.M. Davis, Murray, classification of marine resources, biosphere and its components, ecosystems, plant community and animal kingdom, biomes: equatorial rainforest, monsoon, savanna and temperate grasslands.

Recommended Readings:

चौहान, वी.एस. व गोतम, ए. 2005, भौतिक भूगोल (जीवनमण्डल सहित)। रस्सोगी प्रकाशन, मेरठ।
दयाल, पी. 2012, भौतिक भूगोल। राजेश पत्रिकाप्रेस, नई दिल्ली।
गोतम, अल्कि, 2012 : भौतिक भूगोल। रस्सोगी पत्रिकाप्रेस, मेरठ।


सिंह, संजीव. 2005 : भू-आकृति विज्ञान। तारा पत्रिकाप्रेस, दिल्ली।
सिंह, संजीव. 2011: भौतिक भूगोल का स्वरूप। प्रथाग पुस्तक भवन, इलाहाबाद।

शर्मा, एच.एस., शर्मा, एम. एल. एड़ मिश्रा, आर.एन. 2008: भौतिक भूगोल। पंबेश्वर प्रकाशन जयपुर।


Paper II: Geography of Rajasthan

Section A

Physical aspects of Rajasthan: geological structure, relief, climate, drought, drainage, natural vegetation. Environmental pollution - causes and types; desertification, soils, soil erosion and conservation; availability, problems and conservation of water resources.

Section B

Mineral resources: distribution and production; Power and energy resources: distribution and production (hydro-electricity, coal, petroleum, solar energy and bio-energy) irrigation sources, irrigation intensity, crop wise irrigation, quality of irrigation water problems, irrigation projects: detailed study of Indira Gandhi canal project, Chambal valley project, Mahi Bajaj Sagar projects on physical and socio-economic aspects, agriculture: development under five year plans, problems of agriculture development, general land use, live-stock and dairy development, minerals. Industries: textile, sugar, cement, marble and granite, fertilizer, zinc and copper smelting. Transport & trade, development of tourism, desert development programme, tribal areas development programme, Aravali hill development programme.

Section C

Cultural and development aspects: population-number, growth, distribution and density, rural and urban, male and female population, literacy status, occupational structure, schedule castes and schedule tribes, population problems, study of bhill, meena and garasia. Settlement pattern: types of settlements, building materials and house types in Rajasthan with examples, factors affecting settlement.

Recommended Readings:

Lodha, R. & Maheshwari, D. 2001: Geography of Rajasthan. Shahitya Bhawan Publication, Hospital Road, Agra
नागरामकर, एल.एन. 2012.13: राजस्थान की अर्थव्यवस्था। कॉलेज बुक हाउस, जयपुर।
साईवाल, स्पेन 2012: राजस्थान का भौगोल। कॉलेज बुक हाउस, जयपुर।
Sing, R.L. 1971 (ed.): India A Regional Geography NGSI. Varanasi.
कुर्सेना, एच.एम. 2012: राजस्थान का भौगोल। राजस्थान हिन्दी विश्व अकादमी, जयपुर।

102
Practicals

Scheme of Examination

Min. Pass Marks: 18

Bifurcation of Marks

Max. Marks: 50

Written test

Time

Field Survey and Viva voce

24

10+04

3 hrs.

Record and Viva voce

2½ hrs.

08+04

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. Each practical batch of 30 students will be allotted a teaching of 4 hours per week for practicals.

SYLLABUS

Section A

Definition and types of scale: simple, comparative, diagonal.

Graph: line graph, bar graph, combined line and bar graph, hythergraph and climograph; climograph, water budget graph, wind rose.

Weather maps: weather symbols, representation of atmospheric features, interpretation of Indian daily weather maps (july and january), weather instruments.

Section B

Methods of showing different relief features: hachures, hill shading, bench mark, spot heights, formlines, contours and drawing of cross sections (conical hill and plateau, types of slopes, valleys, ridge and saddle, gorge, waterfall and rapids, escarpment, lake, spur, col, meanders and cliff.)

Profiles- serial, superimposed, projected and composite.

Section C

Surveying: meaning, classification and significance.

Chain and tape surveying: open and closed traverse.

Recommended Readings:


Singh, L.R. 2006: Practical Geography. Prayag Pustak Publisher, Allahabad U.P.


STATISTICS

<table>
<thead>
<tr>
<th>Scheme</th>
<th>Duration</th>
<th>Max Marks</th>
<th>Min. Pass Marks</th>
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<tbody>
<tr>
<td>Paper- I</td>
<td>3 hrs.</td>
<td>50</td>
<td>18</td>
</tr>
<tr>
<td>Paper- II</td>
<td>3 hrs.</td>
<td>50</td>
<td>18</td>
</tr>
<tr>
<td>Practical</td>
<td>3 hrs.</td>
<td>50</td>
<td>18</td>
</tr>
<tr>
<td>Total</td>
<td>150</td>
<td>200</td>
<td>54</td>
</tr>
</tbody>
</table>

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

Paper- I Probability Theory


Syllabus B.A. Part-I

Unit IV. Univariate Discrete Distributions and their properties: Bernoulli Distribution, Binomial Distribution, Poisson Distribution, Geometric Distribution. Idea of Hyper-geometric and Negative Binomial Distribution. 18 hours

Unit V. Univariate Continuous Distributions and their properties: Rectangular Distribution, Normal Distribution. Idea of Exponential Distribution, Cauchy Distribution, Gamma Distribution, Beta Distribution. 18 hours

References


Additional References


Paper II: Descriptive Statistics

Unit I. Types and Presentation of Data: Concepts of a statistical population and data. Qualitative and Quantitative data; discrete and continuous data; frequency and non-frequency data. Geographical & Chronological Data. Primary Data and Secondary Data. Tabular presentation of data-Construction of tables, Types of tables. Frequency distribution - Discrete, grouped, continuous and cumulative Graphical presentation of data- Histogram, frequency polygon, fre-
frequency curve and ogives. 18 hours

Unit II. Statistical analysis of Quantitative Data: Different types of scales-nominal, ordinal, intervals and ratio, Univariate Data. Measures of central tendency, dispersion, moments and its computation from data. Absolute and relative measures of skewness and kurtosis based on quintiles and moments. Sheppard’s Correction for moments (without Proof). 18 hours

Unit III. Curve fitting and Theory of Attributes: Principle of least squares, fitting of straight line, parabola and curves reducible to straight line (exponential and power curve). Class frequency, order of a class frequency, ultimate class frequency, consistency of data, independence and association of attributes. Various measures of association. 18 hours

Unit IV. Statistical Analysis of Bivariate Data: Correlation analysis-scatter diagram, Karl-Pearson’s coefficient of correlation and its properties. Correlation of bivariate frequency distribution, Spearman rank correlation. Regression analysis-Fitting of regression lines, regression coefficients and their properties. 18 hours

Unit V finite Differences: Operators E, Δ, V, their relationship and properties, factorial notation. Difference table fundamental theorem of finite differences. Estimation of one and to missing terms. Meaning of interpolation and extrapolation. Newton’s forward and backward formulae for equal intervals, Lagrange’s Formula and numerical problems. 18 hours

References

Additional References

Paper III. Practical Paper:
1. Exercise on mathematical expectations and finding Mean, Variance, Skewness and kurtosis of Univariate probability distributions.
2. Fitting standard univariate discrete and continuous probability distribution.
4. Presentation of data through Frequency Table, and Graphs.
5. Calculation of Measures of Central tendency, Dispersion, moments and Skewness and Kurtosis.
6. Computation of Correlation Coefficient of bivariate data and bivariate frequency distribution table.
7. Regression of two variables.
8. Fitting of curves by the least square method.
9. Computation of Spearman’s rank correlation.
11. Interpolation Problems based on Newton and Langrange's Formulae.
### APPLIED STATISTICS

<table>
<thead>
<tr>
<th>Scheme</th>
<th>No. of hrs.</th>
<th>Max Marks</th>
<th>Min. Pass Marks</th>
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<tbody>
<tr>
<td></td>
<td>per week</td>
<td>Sc.</td>
<td>Arts</td>
</tr>
<tr>
<td>Paper-III (Practical)</td>
<td>4 hrs.</td>
<td>50</td>
<td>70</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>10 hrs.</strong></td>
<td><strong>150</strong></td>
<td><strong>200</strong></td>
</tr>
</tbody>
</table>

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

**Paper-I:** Probability Theory

**Unit I:** Functional relationship between two variables, Polyno-

Unit II. Maxima and Minima. Integral Calculus: Definition and meaning of integration. General laws of integration, Integration of a continuous function. Definite integration. 18 hours


References:

Additional References:

Paper II : Descriptive Statistics
(The course contents are same as that of Subject-Statistics)

Paper III. Practical Paper:
1. Exercise on mathematical expectations and finding Mean, Variance, Skewness and kurtosis of Univariate probability distributions:
2. Fitting standard univariate discrete and continuous probability distribution.
4. Presentation of data through Frequency Table, diagrams and Graphs.
6. Computation of Correlation Coefficient of bivariate data and bivariate frequency distribution table.
7. Regression of two variables?
8. Fitting of curves by the least square method.
11. Interpolation Problems based on Newton and Langrange's Formulae.
# PSYCHOLOGY

## Scheme of Examination:

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<th>Faculty</th>
<th>Max. Marks</th>
<th>Min. Passing Marks</th>
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<tr>
<td>Arts</td>
<td>200</td>
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<td>Science</td>
<td>150</td>
<td>54 (Th.36 Pr.18)</td>
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<table>
<thead>
<tr>
<th>Paper</th>
<th>Nomenclature</th>
<th>Duration</th>
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<tr>
<td></td>
<td></td>
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<td>Arts</td>
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<tr>
<td>I</td>
<td>Basic Psychological Processes</td>
<td>3 Hrs.</td>
<td>75</td>
</tr>
<tr>
<td>II</td>
<td>Social Psychology</td>
<td>3 Hrs.</td>
<td>75</td>
</tr>
<tr>
<td>III</td>
<td>Practicals</td>
<td>3 Hrs.</td>
<td>50</td>
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</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 students and of 10 marks for Science students.

**Section-C** will contain 3 long questions each with internal choice. Each question will be of 15 marks for Arts students and 10 marks for Science students. Thus, Part-C will be of 45 marks for Arts students and 30 marks for Science students.
For clarification the distribution of marks is tabulated as below:-

**ARTS**

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<tr>
<th>Section</th>
<th>No. of Questions</th>
<th>Marks</th>
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<tr>
<td>A</td>
<td>10</td>
<td>1.5</td>
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<tr>
<td>B</td>
<td>5 (Out of 7)</td>
<td>03</td>
<td>15</td>
</tr>
<tr>
<td>C</td>
<td>3 (with internal choice)</td>
<td>15</td>
<td>45</td>
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**Total Marks** 75

**SCIENCE**

<table>
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<tr>
<td>A</td>
<td>10</td>
<td>01</td>
<td>10</td>
</tr>
<tr>
<td>B</td>
<td>5 (Out of 7)</td>
<td>02</td>
<td>10</td>
</tr>
<tr>
<td>C</td>
<td>3 (with internal choice)</td>
<td>10</td>
<td>30</td>
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</table>

**Total Marks** 50

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

**Paper-I**

**Basic Psychological Processes**

**Section-A**

1. Introduction: Definition and Goals of Psychology; History- Structuralism, Functionalism, Behaviourism, Gestalt and Psychoanalysis; Modern Perspectives- Biological, Psychodynamic, Behavioural, Cognitive, Humanistic, Evolutionary- and Socio-cultural; Methods- Observation, Case Study, Surveys and Experimental.


Section-B


5. Memory: Definition; Encoding, Storage and Retrieval Processes; Models - Level of Processing, Parallel Distributed Processing and Information Processing - Sensory, Short Term and Long Term Memory; Forgetting - Nature and Causes.


Section-C


8. Intelligence: Definition and Theories - Spearman, Guilford, Cattell, Sternberg, Gardner; Meaning of IQ; Intelligence Tests.

9. Personality: Definition; Type Theories and Trait Theories - Allport, Cattell, McCrae and Costa; Personality Assessment - Self-report Inventories, Projective Tests and Behavioural Assessments.

Books Recommended:


- सिंह. अरुणकुमार (2002). आधुनिक सामाजिक मनोविज्ञान. नई दिल्ली, मोतीलाल बनर्जीसीदास।
Section-A


Section-B


5. Interpersonal Attraction: Proximity and Affective basis, Acquaintance and Need to Affiliate; Effects of Observable Characteristics, Similarity and Mutual liking.

6. Leadership: Definition and Functions; Types of Leadership. Trait, Situational and Contingency Approaches.

Section-C


Books Recommended:

- अरुण कुमार सिंह (2002) : समाज मनोविज्ञान की स्पर्शिया मोतिलाल बनारसीदास, दिल्ली

Paper-III
Practicals
1. Human Maze Learning
2. Measurement of Intelligence (Performance Test)
3. Experiment of Memory (Meaningful and Non-sense Syllables through Memory Drum)
4. Experiment on Figure Ground Reversal
5. Measurement of Emotions by Facial Expression
6. Measurement of Attitude
7. Measurement of leadership
8. Measurement of Aggression
9. Measurement of Altruism
10. Assessment of Social Support
26 राजस्थानी

समय

पूर्णांक

प्रथम प्रश्न-पत्र
3 घंटे
100

द्वितीय प्रश्न-पत्र
3 घंटे
100

प्रथम प्रश्न-पत्र-अंक विभाजन

1. प्रथम प्रश्न-पत्र में पांच प्रश्न होंगे। कुल 100 अंकों का प्रश्न होगा।

2. प्रत्येक पाठ्यपुस्तक से कम से कम एक-एक व्याख्या करनी होगी। \((3 \times 12 = 36)\)

3. दोनों पुस्तकों में प्रत्येक से एक-एक आलोचनात्मक प्रश्न होगा। कुल तीन प्रश्न।
\((3 \times 15 = 45)\)

4. अंतिम प्रश्न-निर्मलिखित तीन भागों में विभक्त होगा---
(क) राजस्थानी भाषा में अनुवाद---7 अंक
(ख) हिंदी से राजस्थानी भाषा में अनुवाद—7 अंक
(ग) राजस्थानी कहावतें अर्थ एवं प्रयोग—5 अंक

पाठ्य पुस्तकें:
1. राजस्थानी कहावतें—सम्पा. रास्ते सारस्ते, प्रेम जी प्रेम : प्रकाशक साहित्य अकादमी, तरीक़दौ भवन, नई दिल्ली। इस पुस्तक में दो सिखिएँ अंक 14 कहावतें 1, 9, 10, 12, 13, 14, 15, 16, 18, 20, 22, 23 तथा 28।
2. जयपुर की ज्योतिः, ले. पदमपोहन सिंह (खण्ड एक से तीन) : प्रकाशक श्री सिद्ध हिंदी प्रचारक कार्यलय जयपुर।

संदर्भ ग्रंथ:
1. आधुनिक राजस्थानी साहित्य : प्रेणा स्रोत और प्रवृत्तियाँ, लेखक डॉ. किरण नाहटा प्रकाशक चित्रमय प्रकाशन, चीड़ा राता, जयपुर।
2. राजस्थानी गद्दी साहित्य : उद्भव और विकास लेखक डॉ. शिवस्वरूप अंशत, प्रकाशक : शारद राजस्थानी रिसर्च इंस्टीट्यूट, बीकानेर।
3. राजस्थानी गद्दी शैली का विकास : डॉ. रामकुमार गर्वी, प्रकाशक वेदनाम प्रकाशन, जयपुर।

राजस्थानी द्वितीय प्रश्न-पत्र-राजस्थानी काव्य
अंक विभाजन—इस प्रश्न-पत्र में पौंच प्रश्न होंगे।
1. प्रत्येक पुस्तक से एक-एक व्याख्या कुल तीन व्याख्या। 12 x 3 = 36
2. प्रत्येक पुस्तक से एक-एक आलोचनात्मक प्रश्न।
(कुल तीन प्रश्न) 18 + 18 + 16 = 52

3. अलंकार : वैयक्त संगाई, उपयोग, रूपक, उद्वेष्य यथाक्रम, रलेक।
4. छंद : दूर्देह, सोलहक, छप्पन, वेलियो।

संदर्भ ग्रंथ:
1. प्रचीन काव्यों की रूपक परम्परा-सम्पादक अमर चंद नाहटा, प्रकाशक भारतीय विद्या मंडिर योग प्रसंसन, बीकानेर।
2. अलंकार पारिसर—रतनेन्द्र लर्नरी।
3. रघुनाथ रूपक गीता पे—महात्मान ज्योतिर्लिंग, प्रकाशक नगरी प्रचारणिक सभा वाराणसी।
4. राजस्थानी साहित्य—एक परिचय प्रकाशक नवयुग ग्रंथ कुंदीर, बीकानेर।
SHEEP AND WOOL

(To be offered by the collegiate students of Shri B.D. Tod College, Lakshmangarh, Sikar only)

Scheme:
Min. Pass Marks 48
Max. Marks 132

Dy. Registrar (Acad.)
University of Rajasthan
JAIPUR
Syllabus B.A. Part-I

Paper-I 3 hrs. duration Max. Marks 66
Paper-II 3 hrs. duration Max. Marks 66
Min. Pass Marks 24 4 hrs. duration Max. Marks 68
Practical

Paper-I : Elements of Sheep Husbandry

Livestock population in Rajasthan, India and place of sheep in rural economy of Rajasthan with particular reference to the area.

Historical background of the origin of sheep. Asiatic classification of the world sheep. Important breeds of Indian sheep particularly of Rajasthan.

Regionalisation of sheep in India.

Anatomical and Physiological aspects- Salient features of the skeletal, digestive, reproductive, respiratory, endocrine system etc.

Physiological : Carbohydrate, Protein, Fat-metabolism.

Sheep : Management of flocks, sheepcare (different stages), housing, feeding etc.

Paper-II : Elementary Sheep Production

General Management : Counting, docking, castration, branding, tagging, tattooing, weaving, aging, classifying, cutting.

Breeding Management : Case of pregnant ewes, new born lambs, and breeding rams.

Shearing Management : Time of shearing, washing, grading, packing, storage, shearing sheep equipment and management.

Health Management : Drenching, dipping, vaccination, spraying, mouth wash, foot bath, segregation, are of sick sheep.

Farm Records : Feeding breeding health, production and their maintenance.

Wool Science : Definition of wool terms ‘primary grading’ physical and chemical properties of wool.

Types of Fibre : Comparison wool fibre with hair and textile fibre.

Practical :

Syllabus : M.in Pass Marks 24 Max pass M. 68

1. Recognition of different breeds of sheep, local and state of Rajasthan, with reference to salient features of difference and utility of their products.

Dy. Registrar (Acad.)
University of Rajasthan
JAIPUR
2. Study of sheep skeleton.
3. Salient features of digestive organs, respiratory and reproductive organs (male and female)
4. General Management of sheep: Housing (different types of housing, floor area required etc.) Open and closed by stem of housing paddock and sheep. Yards, housing of different categories of sheep.
5. Farm equipments viz. feeding and watering thoughts shearing machines, weighting machines, hoof-paring, castrating equipment drenching and dosing equipments, branding and tagging equipments etc.
7. Lambing practices and rearing of young ones; Care and management of ewes at lambs and growing stock. Use of foot-bath and mouthwash.
8. Wool Science: Physical Properties of wool including microscopic study comparing it with hair and artificial fibers, Primary grading of wool; Microscopic study of fibers.
29. Livestock and Dairying

(To be offered by the Collegiate Students of Shri Pragya Mahavidyalaya, Bajaj Nagar and Government College, Rajgarh).

Scheme:

Min. Pass Marks 48

Max. Marks 132

Paper-I Duration 3 hrs. duration

Marks 66

Paper-II Duration 3 hrs. duration

Marks 66

Practical

Marks 68

Min. Pass. Marks 24

4 hrs. duration


1. Livestock population of India with special reference to Rajasthan. Distribution of different categories of livestock according to
the agroclimatic conditions of the state.
2. Contribution of animal and animal products in the economy of Rajasthan.
   Buffalows—Murrah, Surti, Mehsana.
   Goats—Sirohi, Alwar, Barbari, Jamunapuri, Beotal, Marwari.
   Sheep—Sonodi, Chokia, Bikaner, Marino, Rambouilet Camel.
   Rid Dmeru.
   Popultry—Phode Island Red, White, Leg Horn, wyite Roe.
5. Housing of Livestock, location, site sign construction. Arrangement / Groupings of different buildings.
6. General care of the animals grooming exercise bathing observation of oestrus, service care during pregnancy and at parturition, drying off.
7. Care of newly born calf. Marking, dooming, castration.
8. Important points for the management of bulls, goat, sheep and poultry.
9. Livestock farm equipment, sanitarp requirements, disposal of animal water.
11. Maintenance of farm records.

Paper-II Principles of Feeding and Breeding Livestock
1. Digestive system of ruminants and its peculiarities.
2. Physiological role of good nutrients, their digestion, importance of scientific feeding.
3. Nutritional requirement of farm animals for different purposes.
Syllabus B.A. Part-I

5. Feeding pregnant, lacting animals, breeding bulls and bullocks.
6. Production of different types of grasses and forge, making of hay and silage.
7. Premutation of cheese balanced ration for milk production.
8. Feeds supplements and additives.
9. Importance of scientific breeding system of breeding.
10. Male and female reproductive system, development of organs and their function, role of economic glands.
11. Signs of heat and time of breeding.
12. Natural service and artificial insemination, infertility in livestock.
15. Maintenance of breeding records.

Practicals
Min. Pass Marks 24 4 hrs. duration Max. Marks 68
1. Study of external parts of animal, handling and securing of animals hoof training.
2. Castration, dehorning, making and throwing.
3. Determination of body, weight and age.
4. Recording of temperature, pulse and respiration of animals.
5. Administration of medicines through different routes.
6. Communication of ration, blending food preparation of hay and silage.
7. Diagnosis of common ailments and first aid.
8. Collection of semen and artificial in semination.
9. Judging of animals on the basis of score card.
10. Washing dairy utensils, milking of animals.
11. Leanin and disinfection of dairy sheds.
12. Working out the building requirements for different animals.
Unit-I
Meaning and subject matter of Anthropology. History of Anthropology.

Branches of Anthropology:- (a) Social-Cultural Anthropology (b) Physical Anthropology (c) Archaeological Anthropology, (d) Linguistic Anthropology. Relationship of Anthropology with Social Sciences, Natural Sciences and Medical Sciences.

Unit-II
Basic Concepts: Culture, Society, Community, Group, Institution.

Human Institutions:
Family: Definition and functions. Family as the corner stone of human society. Form and Types of family. Joint family system in India. Changes in the institution of family.

Marriage: Definition and function in society. Forms and types of marriage. Bridewealth and Dowry. Marriage regulation in India.

Unit-III


Readings Books


UNIT-I


UNIT-II

Concept of Tribe. Tribal scenario in Rajasthan. Ethnography of the following tribes of Rajasthan: Mina, Bhil, Garasia, Saharia, (Origin, Social, Cultural, Economic, Political and Religious life)

UNIT-III

Places of religious importance: Pushkar, Ajmer, Nathdwara, Beneshwar.

Folk deities: Ramdevji, Tejaji, Kailadevi, Gogaji, Jambhoji.

Folk fairs and festivals: Teej, Gangaur.

List of Books


Tod James, 1987, (Repr.) Annals and Antiquities of Rajasthan, Delhi, Motilal Banaras Dass, 3 Vol.

चंदनेहता प्रकाश, 1993, भारत के आदिवासी, उदयपुर, शिवा पब्लिशर्स प्रिंटर्स।

कल्यान डा. नन्दलाल, 2000, राजस्थानी लोक साहित्य एवं संस्कृति, जोधपुर, राजस्थानी ग्रन्थगार।

आहुजा डी.आर., 2002, राजस्थान: लोक संस्कृति और साहित्य, नई दिल्ली, नेशनल बुक ट्रस्ट, (अनुवादक: वानौश कुकार झा एवं राजेश कुमार झा)

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University of Rajasthan
JAIPUR
3O DRAMATICS

Note: An applicant shall be allowed to offer Dramatics as one of his/her optional subject only after having been declared successful in the audition test given by the Head of Department of Dramatics of the Institution concerned in oral given exercises and/or written form. The audition test shall be based on the applicants aptitude for acting, speech, Sense of Rhythm, Music and general awareness for theatre.

Scheme:

<table>
<thead>
<tr>
<th>Theory</th>
<th>Duration</th>
<th>Max. Marks</th>
<th>Min. Pass Marks</th>
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<td>50</td>
<td>18</td>
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<tr>
<td>Paper II</td>
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Practical

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<th>Duration</th>
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<tr>
<td>Paper II</td>
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<td>18</td>
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</table>

Theory:

B.A. Part - I (Drama) Exem. 2014

Paper I: History of World Theatre

1. Evolution of Theatre as Art Form
2. Influences and Relationship with other art forms
3. History of World Theatre with special ref...
Syllabus B.A. Part-I

a. Greek Theatre 
b. Medieval Theatre 
c. Elizabethan Theatre 
IV. Renaissance Theatre and other art forms 
V. Origin and development of Indian Theatre with reference to:
   a. Pre-Vedic period 
   b. Post-Vedic Period (up to Natyashastra) 
VI. Introduction to Yoga and its importance for theatre arts 

Books Recommended:
1. Natyakala Ke Teen Sahstra Varsh - Sheldon Chenny (Tr. Sitaram Chaturvedi) 
2. History of Theatre - Oscar Brockett

Paper-II: Modern Indian and Regional Theatre
I. Emergence of Modern Indian Drama 
II. Various Social Movements and their impact on theatre with reference to:
   a. Theosophical Society 
   b. Brahma Samaj 
   c. Arya Samaj 
III. Indian Freedom Struggle and its impact on theatre 
IV. Growth of Commercial Theatre in India with reference to Parsi Theatre. 
V. People's Theatre Movement 
VI. Post Independence Period 
   a. Study of major playwrights: Mohan Rakesh, Dharmavir Bharti, Vijay Tendulkar, Badal Sarcar, Girish Karnad. 
   b. Study of major organisations and institutions: Sangit Natak Akademies, National School of Drama and others. 
   c. Basic topographical study of theatre auditorium. 
VII. Study of major regional and folk theatre forms and styles: Nautanki, Khyal, Tamasha, Yakshagan, Kuduyattam. 

Books Recommended:
I. Bhartiya Rangmanch Ka Udbhav Evam Vikas- Dashrath Ojha 
II. Bhartiya Rangmanch Ka Itihas- Dr. Agyat
Syllabus B.A. Part-I

II. Bhartiya Lok Natya Parampara- Dr. Kapila Vatsyayan
IV. Rand Darshan- Nemi Chand Jain
  Practical- Paper I : Applied Theatre Practice
  I. Practice of 15 Yogic Asanas
  II. Practice of Mime and Movement Exercises
  III. Submission of workbook.

  Practical- Paper II : Applied Theatre Practice
  I. Practice of Acting Improvisations
  II. Production of short plays
  III. Acting assignments

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JAIPUR
PHYSICAL EDUCATION

A part 1st Physical Education course shall consist of two theory paper carrying 60 marks each (Total 120 marks) and Practical examination carrying 80 marks (Two games & Sports 40 marks each). A candidate shall have to secure 36% mark separately in theory and practical to pass the examination.

Note: Each theory paper will have ten questions, two from each of the five units. Candidates are required to answer one question from each unit.

PAPER I
HISTORY OF PHYSICAL EDUCATION

Time 3 hours

Maximum Marks : 60
Minimum Pass Marks : 22

Unit - I
1. Definition of Physical Education: Need importance, Misconception about Physical Education.
2. Principles of Physical Education
3. Aims & objectives of Physical Education
4. Scope of Physical Education
5. Career option in Physical Education.

Unit - II
1. Physical Education in Ancient India (Before 1947).
2. Physical Education in India after 1947.
3. Impact of Britain & U.S.A. on Physical Education in India.

Unit - III
1. Physical Education and Sports training Institutions in India.
2. Sports Authority of India, Scheme & Function.

Unit - IV
1. Modern Olympic Games: Start of Olympics,
2. Objectives of Olympic, olympic mascot.
3. Olympic Motto and flag.
6. Ancient Olympic, differentiate Ancient and modern olympic.

Unit - V
1. Contribution of the growth of Physical Education by leaders & Movements.
2. National Physical Efficiency Drive.
3. All India council of Sports.
5. Contribution in India; G. D. Sondhi; Rajkumari Amrit Kaur; B. P. De Coubertin, Dr. P. M. Joseph; Shri H. C. Buck; Prof. Karan Singh; Prof. Ajmer Singh; Asian Games, SAF Games, National Games, Winter Olympics, Para Olympic.

Books Recommended:-
3. Ajmer Singh etc. Basis of Physical education, Health & Sports (B.A. Pt. III), Kalyani Publication Ludhiana
5. Ajmer Singh etc : Saririk Shiksha Swasthya evam Khelo ki Adhunik Pathyapustak B.A. Part II va III : Kalyani Publications Ludhiana
7. Kamlesh & Sangrat: Saririk Siksha ke Siddhant va Itihas: Prakash Brothers Ludhiana
Foundations of Physical Education

Each theory paper will have ten questions, two from each of the five units. Candidates are required to answer one question from each unit.

Time 3 hours

Maximum Marks: 60
Minimum Pass Marks: 22

Unit I
Biological Foundation
1. Heredity & Environment & its effect
2. Stages of growth & Development.
4. Different between growth & development, Different between male & female
5. Chronological, Anatomical, Physiological and Mental ages of individuals - their implications in developing and implementing Physical Education Programmes.
6. Adolescent problems and their management.

Unit II
Psychological Foundations:
1. Meaning of psychology, Importance of Psychology for Teacher.
2. Importance and implications of psychological elements in physical education
3. Notions about mind and body and psycho-physical unity
5. Psychological factors effecting sports performance.
6. Personality, its dimension and type, Role of sports in personality development.

Unit III
Philosophical Foundations:
1. Idealism and Physical Education
2. Pragmatism and Physical Education
3. Naturalism and Physical Education
4. Existentialism and Physical Education

Unit IV
Physiological Foundations:
1. Respiratory system
2. Circulatory System
3. Muscles & type of Muscles.
4. General benefits of exercises
5. Benefit of exercise to the various systems.

Unit V
Sociological Foundations:
1. Physical Education and Sports as a need of the society
2. Sociological Implications of Physical Education and Sports
3. Physical activities and sports as a man's cultural heritage
4. Role of social institution in development of personality through Participation in games & sports.
5. Role of leadership in personality.

References:
5. Ajmer Singh etc. Saririk siksha swasthya evam khelo ki Adhunik Pathyapustak B.A. I: Kalyani Publications Ludhiana
7. Sidhana Ashok Kumar. Saririk Siksha Sidhant, Manovigyan evam Itihas. Srijansh Publications, Jodhpur
8. Kamlesh aur Samrat Saririk Siksha ke vidhant va Itihas. Prakash Brothers Ludhiana
PRACTICAL (GAMES AND SPORTS)

The practical examination shall be conducted by a panel of two examiners to be appointed by the University. A candidate shall be required to show his/her familiarity (Rules & Techniques) and to give his performance in the following:

1. Four period for theory
   (i) 1st Paper    (ii) 2nd Paper
2. Four period for practical work
   (i) Athletics : two periods    (ii) Games : Two periods

(This shall carry 80 marks)
## INDIAN HERITAGE IN RURAL HANDICRAFTS

<table>
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<th>Sl. No.</th>
<th>Component</th>
<th>Max. Marks</th>
<th>Min. Pass Marks</th>
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<td>22</td>
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<td>2.</td>
<td>Practical</td>
<td>80</td>
<td>28</td>
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<td>3.</td>
<td>Submission</td>
<td>60</td>
<td>22</td>
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<td><strong>200</strong></td>
<td><strong>72</strong></td>
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### Syllabus:

**Paper I (Theory)**

3 hrs. duration

Max. Marks 60 Min. Pass Marks 22

### FUNDAMENTAL OF HANDICRAFTS

1. Theory of colours-pigments and light theory-hue circle. Modifications of colour - after image values and colour harmony-practical applications.

2. Basic principles of line, form and space - their interrelationship.

3. Process of concept building - visual and structural relationships. Free hand drawing from nature study of different Indian motifs.

4. Introduction with local rural handicrafts. Brief study of the local handicrafts and various raw materials used for manufacturing them.

5. History of Indian handicrafts.

Note: The paper will contain 9 questions. Candidates are required attempt any five questions. Each question containing 12 marks.

### Paper II (Practical)

5 hrs. duration  

Max. Marks 80 Min Pass Marks 28

1. Tie and dye (bandhej):  
2. Soft toys  

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*Signature*

Dy. Registrar (Acad.)  
University of Rajasthan  
IPUR
Syllabus B.A. Part-I

3. Folk paintings.
4. Folk sculptures

Submission Work Max. Marks 60 Min. Pass Marks 22

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

Note (2): Candidates should pass in theory as well as in practical paper separately.

Books recommended
1. Heritage of Indian Art: V.S. Agarwal.
2. Handicrafts of India: T.M. Abraham
3. 5000 Years of Arts & Crafts of India: Shanti Swaroop.
VOCATIONAL COURSE

COMPUTER APPLICATION

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<th>Scheme</th>
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<th>Max. Marks</th>
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<td>Arts/Commerce</td>
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<td>200</td>
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<tr>
<td>Science</td>
<td>54 (Th. 36 Pr. 18)</td>
<td>150</td>
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<tr>
<td>Paper-I 3 hours duration</td>
<td>Computer Fundamentals Arts/Com. 65 and Introduction to Science 50 IBM PC</td>
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<tr>
<td>Paper-II 3 hours duration</td>
<td>Operating Systems Arts/ Com. 65 and Business Data Science 50 Processing</td>
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<tr>
<td>Paper-III Practical</td>
<td>Arts/Com. 70 Science 50</td>
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Paper I: Computer Fundamentals and Introduction to IBM PC

What is Computer? An introduction. Uses of computers in modern society e.g. weather forecasting, census, oil exploration, speech recognition, banking, publishing, accounting, research etc.

Information concepts and processing - hardware, software, computer capabilities and limitations. Concept of files and directories.

Computer arithmetic and number systems. ASCH & EBCDIC character sets.

Elements of a computer processing system - hardware, software, computer capabilities and limitations. Concept of files and directories.

Hardware features and use - CPU, I/O devices. Storage devices and media.

Introduction to networking, multiprocessing, time sharing, multitasking and real-time computing.

Variety of hardware systems and features. Various types of computers available in market. Micro, Mini and Mainframes, Supercomputers.

Evolution of personnel computers, Commodore, Atari, Apple, IBM, PC. Basic block diagram of computer. Difference between personal and main frames - Simple operating system, Easy to use, Less Memory, Dedicated, Normally single user.
Syllabus B.As Part-I

Introduction to microprocessors and associated computers. Timers, display controllers, DMA controllers.

Block diagram of IBM PC. Introduction to 8086 and 8088. Functional description of various modules and cards.

Boot process in IBM PC. System files. Self test.

Various types of displays and other peripherals used in IBM PCs.


Configuration files. COM, EXE, SYS, BIN and TXT files. Introduction to programming in BASIC. Development of programs in Q BASIC. Use of graphics facilities using Basic.

Diagnostics for IBM PC. Use of Norton Utilities and other packages for undeleting files and other system maintenance jobs.

Advance version of IBM and compatibles.

Paper II: Operating Systems and Business Data Processing

Introduction to various categories of softwares. Operating system and its functions. Interaction of operating system with hardware and user programs.

Various components of operating system with reference to DOS. Single user operating system. Task loader. Memory management.

File management. Directory structure in DOS. Moving, renaming, copying, deleting and undeleting files under DOS.

Practical

Visit to computer Lab. Introduction to various components of a computer. A simple documentation preparation and printing. Usage of printer and other components.

Physical inspection of IBM PC and internal cards. Introduction to nomenclature (COM1, COM2, etc.) Writing batch files for various purposes. Modifying config. sys files. Creating RAM Disk. Diagnostics on IBM PC. Controlling PC hardware using BASIC Programs.