University of Rajasthan
Jaipur

SYLLABUS

B.A. PART-I

EXAMINATION – 2019
CONTENTS

SCHEME OF EXAMINATION & DISTRIBUTION OF MARKS

SYLLABUS

Compulsory Subjects (Four):
1. रागान्वि 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

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(Academic)
University of Rajasthan
Jaipur
**Compulsory Subjects:**

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of the Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>सामान्य हिंदी (General Hindi)</td>
</tr>
<tr>
<td>2.</td>
<td>General English (Communication Skills in English)</td>
</tr>
<tr>
<td>3.</td>
<td>Environmental Studies Theory</td>
</tr>
<tr>
<td>4.</td>
<td>Elementary Computer Application</td>
</tr>
<tr>
<td>5.</td>
<td>प्रारंभिक हिंदी (Elementary Hindi)</td>
</tr>
<tr>
<td></td>
<td>(in lieu of Gen. Hindi)</td>
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</tbody>
</table>

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

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>1.</td>
<td>English Literature</td>
</tr>
<tr>
<td>2.</td>
<td>Hindi Sahitya</td>
</tr>
<tr>
<td>3.</td>
<td>Urdu</td>
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<td>4.</td>
<td>Persian</td>
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<tr>
<td>5.</td>
<td>Arabic</td>
</tr>
<tr>
<td>6.</td>
<td>Sanskrit</td>
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</table>

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*University of Rajasthan, Jaipur*
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31. Physical Education
32. Indian Heritage in Rural handicraft
33. Computer Application

N.B.: 1. Candidates must pass separately in each of the test/ theory and practical (wherever prescribed)

2. Common papers in the subjects of Statistics, Mathematics, Economics, Geography and psychology will be set both in the Faculties of Social Science and Science. The allocation of marks will however be different as mentioned in the booklet of syllabus.
क: दो व्याख्या पद्धति से (प्रत्येक में विकल्प देना है)

<table>
<thead>
<tr>
<th>विकल्प</th>
<th>मार्क्स</th>
</tr>
</thead>
<tbody>
<tr>
<td>(I) प्रेमचंदन - केरे भाई साहब</td>
<td>5 x 2 = 10 अंक</td>
</tr>
<tr>
<td>(II) विजयादेश देशा - सिंकर्तर और दौड़</td>
<td>5 x 2 = 10 अंक</td>
</tr>
</tbody>
</table>

ख: दो व्याख्या गद्दी से (प्रत्येक में विकल्प देना है)

<table>
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<tr>
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<tbody>
<tr>
<td>(I) अलोचनात्मक प्रस्तुत पद्धति से (विकल्प देना है)</td>
<td>7.5 x 2 = 15 अंक</td>
</tr>
<tr>
<td>(II) अलोचनात्मक प्रस्तुत गद्दी से (विकल्प देना है)</td>
<td>7 x 2 = 15 अंक</td>
</tr>
</tbody>
</table>

गाथा मार्क्स:

50 अंक

साहित्याला 'क' गद्दा-पद्धति की निर्धारित रचनाएँ

1. कहानी - प्रेमचंदन - केरे भाई साहब
2. संस्कृति - केदारनाथ मिश्र - गीताकार - ब्रजलिंग के ज्वार की उन लहरियों
3. रेखाचित्र - रामदेव बेनेलूसी - सजिता
4. विज्ञान - गुणकर गुले - सानी सबसे सुन्दर ग्रह
5. निरंतर - अगरचंद नाहाठा - राजस्थान की सांस्कृतिक धरोहर
6. व्याख्या - शरद जयेश - जीप पर सवार इलियों
7. परिवर्तन - अनुपम मिश्र - आज भी खरे हैं तालाब

पद्भाषा - (कबीर ग्रंथावली से सं - स्यामसुधा दास)

1. कबीर - साड़ी सं - गुरूदेव को अंग - 7,12,26,30
2. गुरुदेव को अंग - 10,17,24,26
3. विश्व को अंग - 2,6,10,18
4. सूरदास सूरसागर सार - सं. डॉ. धीरेन्द्र वर्मा
5. विनय भक्ति पद सं. - 21,33
6. गोकुल तीलिया पद सं. - 55,59
7. बुद्धावन तीलिया पद सं. - 10,28
8. नृत्य संदेश पद सं. - 77,79
9. उद्दाहरण स्तोत्र सं - संस्कृत विद्या प्रेमचंदन 
10. रामकार्य दिवस - नारायण साहित्य - गीताकृति - 186,191,211,212,214,218,219,220,223,224
11. पद्भाषा - (दत्ताहसनी) 186,191,211,212,214,218,219,220,223,224
12. गीताकृति - (दत्ताहसनी) 186,191,211,212,214,218,219,220,223,224
13. साहित्याला 'क' गद्दा - नारायण साहित्य - गीतावली - (दत्ताहसनी) 186,191,211,212,214,218,219,220,223,224
14. साहित्याला 'क' गद्दा - नारायण साहित्य - गीतावली - (दत्ताहसनी) 186,191,211,212,214,218,219,220,223,224
<table>
<thead>
<tr>
<th>संख्या</th>
<th>विषय</th>
<th>अंक</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>निबन्ध लेखन</td>
<td>6</td>
</tr>
<tr>
<td>2.</td>
<td>कार्यालयी लेख</td>
<td>8</td>
</tr>
<tr>
<td>3.</td>
<td>संक्षेपण</td>
<td>4</td>
</tr>
<tr>
<td>4.</td>
<td>पत्तवन</td>
<td>5</td>
</tr>
<tr>
<td>5.</td>
<td>शब्द निर्माण प्रमिति</td>
<td>5</td>
</tr>
<tr>
<td>6.</td>
<td>शब्द शुद्धि एवं शास्त्रीय शुद्धि</td>
<td>5</td>
</tr>
<tr>
<td>7.</td>
<td>मुहावरे एवं लोकोक्ति</td>
<td>5</td>
</tr>
<tr>
<td>8.</td>
<td>पारिसंहिताकी शब्दावली</td>
<td>5</td>
</tr>
<tr>
<td>9.</td>
<td>शब्द के प्रकार</td>
<td>5</td>
</tr>
</tbody>
</table>
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)

II Translation of 5 Simple sentences from Hindi to English (05)
   from English to Hindi (05)

IV Translation of 05 Words from Hindi to English (2½)
   from English to Hindi (2½)

**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 out of ten questions from the prescribed texts. Each question will be of two (2) marks.

(10)

Sujata Bhatt
Ruskin Bond
M.K. Gandhi
J.L. Nehru
A.P.J. Abdul Kalam

Voice of the Unwanted Girl
Night Train for Deoli
The Birth of Khadi
A Tryst with Destiny
Vision for 2020

The candidates will be required to answer 5 questions from an 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)

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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. Natural 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 non-renewable 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:
  a) Air Pollution
  b) Water Pollution
  c) Soil Pollution
  d) Marine Pollution
  e) Noise Pollution
  f) Thermal Pollution
  g) 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
- Wild life 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

Word Processing tool : Introduction, Creating, Saving, Copy, Move and Delete.
Checking Spelling and Grammar. Page Layout, interface, toolbars, ruler, menus
keyboard shortcut, editing, Text Formatting, insert headers and footers. Bullets
and Numbering, Find and Replace etc. Insert Table and Picture, Macro, Mail
Merge.

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

Social, Ethical and Legal Matters - Effects on the way we: Work Socialise, Operate in other areas.

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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अंको का विभाजन
1. पुस्तकों पर आधारित प्रश्न .......................... 50 अंक
2. व्याकरण से संबंधित प्रश्न ......................... 24 अंक
3. ग्रंथ संग्रह ................................................... 26 अंक
(क) लोकप्रिय कथाओं मुद्रापरे त्रयों विद्वानों तथा निर्धारित पत्र लेखन अथवा निबंध
पाठ्यक्रम
1. संस्कृत संग्रह ........................................ 1
2. व्याकरण : शब्द विश्लेषण, वाक्य विश्लेषण, पद क्रम का ज्ञान तथा इनमें होने वाली सामान्य त्रुटियों का ज्ञान।
3. (क) मुहावरे एवं लोकप्रिय कथाओं का प्रयोग, वाक्यों में रिक्त स्थानों की पूर्ति, समान दिखाने वाले शब्दों का अर्थ भेद अथवा वाक्यों में प्रयोग
(ख) पत्र लेखन अथवा निबंध
पाठ्य पुस्तकें
1. गद्ध-संग्रह-राष्ट्रीय पीएम के चिह्न - डॉ. हरिकृष्ण देवसरे प्रकाशक-नेशनल पब्लिशिंग हाउस, नई दिल्ली
2. व्याकरण एवं रचना
1. आधुनिक हिंदी व्याकरण तथा रचना - लेखक कृष्ण विकल प्रकाशक-नेशनल पब्लिशिंग हाउस, नई दिल्ली
2. सुंभोग व्याकरण एवं रचना-सम्पादक-वाक्यित्र झ्याग-संस्थानकार - डॉ.अभ्य प्रसाद सुनन प्रकाशक - श्रीराम मेहरा एण्ड कंपनी, आगरा

Dy. Prof. H.S.
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)

*Poet's Pen: An Anthology of English Verse* Paperback – by Dustoor
P.E. (Author), Homai P. Dustoor (Author) (Oxford University Press)


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

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: 1858-1965* by Vinayak Krishna Gokak (Editor) Sahitya Akademi
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 ed:

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. Bellocc: On Educational Reform
SECTION B

K. Mansfield
R. Tagore
H.H. Munro (Saki)
R.K. Narayan
E. Hemingway
George Orwell

A Cup of Tea
Living or Dead
The Open Window
An Astrologer’s Day
Old Man at the Bridge
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)
1. ढोला मारू रा दोहा — संपादक — नरेंद्रमल दास स्वामी
   दोहा संख्या— 119 से 133 तक

2. विद्यापति — संपादक — शिवप्रसाद सिंह
   नन्दकान्त नंदन — विद्यापति पदावली
   — पुन: जसिया ऊँड़न बजाओ बिपन बसिया
   — विधार व्याकुल मुद्रुल तत्काल
   — कुंज़ भवन से चल भेलिये हे
   — सखी हे कताहू न देख फ़ाइई

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

4. कबीर दास — कबीर ग्रंथावली संपादक — श्यामचन्द्र दास
   विद्वान को अंग साधी सं. — 7,8,9,11,12,13,14,15,16,17
   पद — दुर्लभ हास्य मंगल चार
   — गोबिन्द हम ऐसे अपराधी
   — पंडित वाद ववते झूठा
   — कोई जाणेगा जाणनहारा
   — न जाने मिलन गोपाला

5. सूरदास
   पद — सूरसागर सार — सं. डॉ. धीरेन्द्र वर्मा
   — ऊँड़ो अखियां अति अनुरागी
   — उपमा एक नै नै गही
   — ऊँड़ो मन नाहीं दस—बीस
   — निगम कौन देश को वासी
   — हमारे हारे हारिल की लकरी
   — उर में मारवन चोर गढ़े
   — मधुकर श्याम हमारे चोर
   — ऊँड़ो मली करी ब्रज आए
   — निन गोपाल बैरिन भई कुंजे
   — लखियत कालिन्दी अति कारी

6. तुलसीदास
   छंद — कवितावली — गीता प्रेस गोरखपुर
   — पुरात निकसी रघुवीर केशू
   — जल को गए लक्ष्मण है लरिका
   — सोनी मै जानि अजानि गहा
   — सुन सुंदर वैन सुंदरस साने
   — कौमी दशसंख्य तब प्रलय पयोध बोले
   — पावक पदन, पानी मानु हिम कालु जम्मू
   — गजनाजी धाटा भाले भूरी मरा
7. जायसी

जायसी ग्रंथावली, सं. - रामचन्द्र शुक्ल
- सिहलद्वीप वर्णन खंड, प्रारंभ के 5 अंश
- सिहल दीप कथा अब गाँउ..................... भासा लेहि दरह कर नामु

8. मीरा

मीरा मुक्तावली सं. - नरोत्तम स्वामी
पद संख्या - 14, 15, 16, 20, 23, 28, 31, 32

9. रसखान

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

अंक विश्लेषण

- कुल चार व्याख्याएं विकल्प देय
  एक कवि से एक ही
  आलोचनात्मक प्रश्न 3 (विकल्प देय) 10 x 4 = 40
  एक प्रश्न प्रश्नी परक
  किन्हीं दो विषयों पर संक्षिप्त प्रश्नी (विकल्प देय) 15 x 3 = 45
  (आदिकाल तथा नवविकाल की प्रवृतियों से संबंधित) 6 x 2 = 12

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JAIPUR
बी.ए. वर्ष प्रथम - हिंदी साहित्य
द्वितीय प्रश्न पत्र - (कहानी एवं उपन्यास)

पूर्णक 100
खण्ड - अ

1. उपन्यास
   - पचपन खंभे लाल दीवारें (उषा प्रियंवदा)

2. कहानी
   - चन्द्रधर शर्मा गुलेशी
   - प्रेमचंद
   - जय शंकर प्रसाद
   - जैनेन्द्र
   - यशपाल
   - मोहन राकेश
   - मनू भट्टार्की
   - शेखर जोशी
   - रांगेय राघव

खण्ड - ब

3. गद्दी की विवादां
   - भावारी - हसिंघ साह वचन
   - संभारण - अवेय
   - यात्रा - धर्मवीर भारती
   - आलबूत - शानी
   - रेखाचित्र - महादेवी वर्मा

4. खण्ड - 'स'
   - हिंदी उपन्यास व कहानी स्वरूप और परिभाषा
   - हिंदी उपन्यास व हिंदी कहानी का विकास
   - हिंदी गद्दी का विकास, गद्दी की विविध विवादाएं

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 'र' से एक प्रश्न (आंतरिक विकल्प देय)

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URDU

Paper I: Prose and Drama

Scheme:

Max. Marks 100

3 Hrs. Duration

Min. Pass Marks 72

Books Prescribed:
1. Meyare Adaab Hisaye 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.
Unit II Explanation of Two Out of Three Texts.
Unit III Critical Appreciation of a Prose Writer with Internal Choice
Unit IV Critical Appreciation of Prescribed Drama with Internal Choice
Unit V Salient Features of Urdu Drama Technique Or Summary of A Prose Lesson

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

Total: Marks 100

Paper II: Poetry and Rhetorics

Max. Marks 100

3 Hrs. Duration

Min. Pass Marks 36

Books Prescribed:
The following are prescribed from the book:
(a) Ghazaliyat: Meer, Atish & Ghafib
(b) Nazmen: Iqbal, Nazeer & Josh.
2. Jadeed Iademul Balaghat by Abdul Majeed Khan
The following Rhetorics (Sanaya) Only:
1. Tazad, 2. Laf o Nashr, 3. Talmech, 4. Husne Taleel, 5. Mubalgha, 6. Tashbeeh, 7 Istiyyara,

Division of Marks:

Unit I Ten short answer type question.
Unit II Explanation of Two Out of Three Passages of Ghazal & Nazm.
Unit III Appreciation of Ghazal Writer with Internal Choice
Unit IV Appreciation of Nazm Writer with Internal Choice
Unit V Meaning and Definition of Four Rhetories with Internal Choice

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

Total: Marks 106
B.A. Part-I
Persian
Paper-I

M.M.: 100
Prescribed Books

1. Farsi Wa Dastoor (Pt-1) By Zhair Khan.eri Published By Idara-e-Adabiyat-e-Delhi Only the following lessons at page No of the book are prescribed:
   3, 9, 13, 19, 28, 37, 122, 126, 147, 150, 165, 188, 10
2. Naqshhaey Rang – Rang published by Aligarh Muslim University
   Intekhab-e-Gulistan-e-Sadi- Hikayat
1. Yaki ra az Moluk Marazi Hayel Bud
2. Mardum-e-Aazari
3. Padshahi ra Shunidam
4. Darweshi-e-Mujarrad
5. Padshahi ra Gulame
6. Nosherwan adil
7. Yaki az moluk Kharasan

Division of Marks:
Unit-(I) Ten Short Answer type Question 20
Unit-(II) Translation of Two passages out of three of prescribed lessons / Hikayat into Urdu/Hindi/English
Unit-(III) Critical and Biographical notes on prescribed prose writers and their works with Internal Choice 20
Unit-(IV) Critical assessment of saadi’s contribution towards Persian prose litterateur 20
Unit-(V) Summery of Prescribed lessons/ Hikayat with Internal Choice 20

Total Marks 100

Recommended Books
1. Kullayate – saadi by Ehtemam mohammed Ali Farughi
2. Farhang-e-Amerah (Urdu/Arbi/Persian)
3. SherulAjam By ShibliNoman Vol. 1 to 3
4. Tareekh-e-Adabiyate Iran By Raza Zada Shafaq (Urdu Translation)
5. Sanadeed-e-Ajam By Mehdi Hasan Nasri
6. Tareekh-e-Adab-e-Farsi By Shareef Husain Qasami
7. Sharh-e-gulistan : Mohammed Ali Khaazieli

Note: Unit -I Question is Compulsory.
M.M:100

Precribed Books

1. Farsi Wa Dastoor (Pt-1) By Zhara Khan Ileri Published By Idara-e-Adabiyat-e-Delhi Only the following lessons at page No 1.3,4.77.118.185.193 of the book are prescribed.

2. Manzooomat
   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-AmeerKhusra First Three
   - Intikhab-e-Shenaryar First Three (Page No.30 to 32)

4. Jadeed IImulBalaghat by Abdul Majeed Khan (only the following Sanaya)
   (i) Tazad  (ii) LaffoNashr  (iii) Talmeeh  (iv) Husn-e-Taleel
   (v) Istiara  (vi) leham  (vii) Ishteqaq  (viii) Tashbeeh
   (xii) Tajahul Aarafana  (x) Miraat-un-Nazeer

Division of Marks:
Unit-1 Ten Short Answer type Question. 20
Unit-2 Translation of Two poetry passages out of three from Ghazl/Nazm into Urdu/Hindi/English 20
Unit-3 Biographical/Critical Question on Ghazel writers with Internal Choice 20
Unit-4 Biographical/Critical Question on Nazm writers with Internal Choice 20
Unit-5 Meaning with Definition & Examples of Four Rhetoric’s with Internal Choice 20
Total 100

Recommend Books
1. Kullaayate – saadi by Ehtemam mohammed Ali Farughi
2. Farhang-e-Amerah (Urdu/Arbi/Persian)
3. SherulAjam By ShibliNomani Vol. 1 to 3)
4. Tareekh-e-Adabiyat Iran By Raza Zada Shafaq (Urdu Translation)
5. Sanadeed-e-Ajam By Mehd Hasan Nasri
6. Jadeed Farsi Grammar by Mohammad Nafees Ranjhu
7. Dars-e-Balagh by Taraqi urdu Beruro

Note: Unit-1 Question is compulsory.
Extracts from Arabic Literature

Syllabus and Division of Marks

Max. Marks 100
3 hr. Duration
Pass Marks 36

Paper I: Translation and History of Arabic Literature

Arabic and English - 50

Books Recommended:

1. Al-Sahih al-Mujaddidi
   2. Al-Andalusi
   3. Ar-Risalah al-Musawkiah
   4. Al-Ikhtiar al-Mukhlas
   5. Al-Ikhtiar al-Mukhlas
   6. Al-Ikhtiar al-Mukhlas
   7. Al-Ikhtiar al-Mukhlas
   8. Al-Ikhtiar al-Mukhlas
   9. Al-Ikhtiar al-Mukhlas

Books Prescribed:

1. Question of Elementary Arabic Literature
2. Translation of Urdu/English Passages into Arabic
3. Synonymy of a Lesson
4. Life Sketch of a Paper Writer
5. Question of Elementary Arabic Literature

Total Marks 100
Book Recommended for Translation

Dari-ul-Adab Lilhimmawal R. Zafar Iqbal

Book Recommended for Translation

Dari-ul-Adab Lilhimmawal R. Zafar Iqbal

Book Recommended for Translation

Dari-ul-Adab Lilhimmawal R. Zafar Iqbal

Book Recommended for Translation

Dari-ul-Adab Lilhimmawal R. Zafar Iqbal

156-164, 172-176, 181-183 & 185-190

The following topics only:

Grammar

The following pages:

15

Composition

15

10

20

Muhammad University: Aligarh, India

Nükhsar, Abd, Murattita, Shoba-Arabı

Book Prescribed:

Total Marks: 100

1. Grammar

2. Life Sketch of A Poet

3. Translation of Urdu/English Passages Into Arabic

4. Composition

5. Grammar
सामान्य निर्देश —

1. प्रत्येक परीक्षा में दो-दो प्रश्नपत्र होंगे।
2. प्रत्येक प्रश्नपत्र में न्यूनतम उत्तीर्णक 36 तथा पूर्णक 100 होंगे और समय 3 घण्टे का होगा।
3. परीक्षा का माध्यम हिंदी/अंग्रेजी होगा, परन्तु प्रश्नपत्र केवल हिंदी में बनाया जायेगा। परीक्षार्थी को छूट नहीं कि वह हिंदी/संस्कृत अथवा अंग्रेजी में किसी एक भाषा में उत्तर दे सके। यदि परीक्षा ने किसी प्रश्न 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 ज्ञान में से अनुवाद, व्याख्या, सरलापेश्वर सामान्य तथा समानांतर सामाजिक प्रश्न 80 अंक होंगे।
6. प्रत्येक प्रश्नपत्र में 10 प्रश्नों का प्रश्न भाषा में उत्तर के लिए निर्धारित हैं।
7. प्रत्येक प्रश्नपत्र में दो भाग होंगे, जिसमें प्रश्न ‘A’ भाग लघुप्रश्नक प्रश्नों का होगा। ‘B’ भाग में निबन्धात्मक प्रश्न होंगे। ‘A’ भाग में कुल 15 प्रश्न होंगे, जिनका पूर्णक 30 होगा।

परीक्षा योजना—
न्यूनतम उत्तीर्णक—72
पूर्णक—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 ज्ञान में से लघुप्रश्नक निबन्धात्मक, अनुवाद, व्याख्या व सामान्यात्मक प्रश्न 80 अंक होंगे। 15 प्रश्न लघुप्रश्नक 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 वहीं संस्कृत में उत्तर अपेक्षित नहीं हैं।

आवश्यकता
1. स्थानवासवदत्तम (भाषा)
2. नीतिशिलाकम (महत्त्वपूर्ण)
3. लघुप्रश्नक प्रमाण सामग्री
4. अनुवाद—संस्कृत से हिंदी—कारक संबंधित पांच वाक्य

प्रयोजक
Dy. Registrar (Acad.)
University of Rajasthan
Jaipur
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प्रश्न–पत्र का निर्माण निम्नानुसार होगा–

1. वही प्रश्न अनिवार्य हैं।
2. प्रत्येक पुस्तक से लघूतरात्मक व निबन्धात्मक, वाक्यात्मक प्रश्न पूछे जायेंगे।
   लघूतरात्मक प्रश्न के 2 अंक निर्धारित हैं।
   निबन्धात्मक/ वाक्यात्मक प्रश्न

विषय-विवरण

भाग अ में 2–2 अंक के पाँच लघूतरात्मक प्रश्न पूछे जायेंगे।

भाग ब
1. 4 श्लोक पूछकर उनमें से किसी 2 की समस्त व्याख्या पूछी जायेगी।
2. दो विवेचनात्मक प्रश्न पूछकर किसी एक का उत्तर देना है।

नीतिशासक

भाग अ में 2–2 अंक के पाँच लघूतरात्मक प्रश्न पूछे जायेंगे।

भाग ब

1. 4 श्लोक पूछकर उनमें से किसी 2 की समस्त व्याख्या पूछी जायेगी।
2. दो विवेचनात्मक प्रश्न पूछकर किसी एक प्रश्न का उत्तर देना होगा।

शुद्धरण (प्रथम सर्ग)

भाग अ में 2–2 अंक के पाँच लघूतरात्मक प्रश्न पूछे जायेंगे।

भाग ब

1. 4 श्लोक पूछकर उनमें से किसी 2 श्लोकों की समस्त व्याख्या पूछी जायेगी।
2. दो विवेचनात्मक प्रश्न पूछकर किसी एक प्रश्न का उत्तर देना होगा।

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University of Rajasthan

IPUR
उनुवाद
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 पुस्तक—
1. स्वनवासवदत्तम्—डॉ. कृष्णदेव प्रसाद—जगदीश संस्कृत पुस्तकालय, झालानियों का रास्ता, जयपुर।
2. स्वनवासवदत्तम्—डॉ. रूपनारायण त्रिपाठी—रचना प्रकाशन, जयपुर।
3. स्वनवासवदत्तम्—संस्कृत हिंदी व्याख्या—डॉ. जगन्नाथ पाण्डेय, जगदीश संस्कृत पुस्तकालय, झालानियों का रास्ता, जयपुर।
4. स्वनवासवदत्तम्—डॉ. सुभाष वेदान्तकार, अलंकार प्रकाशन, जयपुर।
5. नीतिशतकम्—डॉ. गोपाल राम, हस्ता प्रकाशन, जयपुर।
6. नीतिशतकम्—डॉ. श्रीकृष्ण ओझा, राज प्रकाशन मंडिर, जयपुर।
7. नीतिशतकम्—डॉ. सुभाष वेदान्तकार, हस्ता प्रकाशन, जयपुर।
8. रघुवंशम् (प्रथम संग्रह)
9. संस्कृत व्याकरण— श्री निवास शास्त्री।
10. वृहद अनुवाद चन्द्रिका— चक्रधर हंस नौटियाल

द्वितीय प्रश्नपत्र

समय : 3 घण्टे  अंक—100

भारतीय संस्कृति के तत्त्व, पद्ध साहित्य, व्याकरण

प्रश्नपत्र योजना— प्रश्न प्रश्न में निर्धारित ग्रंथ में से लघुत्तरात्मक निबन्धात्मक, अनुवाद, व्याख्या व समालोचनात्मक प्रश्न पूछे जायेंगे।

पाठ्यक्रम
1. भारतीय संस्कृति के तत्त्व—
   (क) भारतीय संस्कृति—विषय, पृष्ठभूमि, विशेषताएँ।
   (ख) भारतीय संस्कृति के विकास की रूपरेखा—पूर्ववर्तिका काल, वैदिककाल, मध्यकाल एवं आधुनिक काल।
   (ग) प्राचीनकाल—राजनीतिक, सामाजिक एवं आर्थिक स्थिति।
   (घ) वर्ण, आध्याम, एवं संस्कार।
   (ङ) शिक्षा (वेदिककाल से लेकर 7वीं शताब्दी तक)
   (छ) लेखन—कला की उत्पत्ति।
   (ज) भारतीय दर्शन की प्रमुख विचारधाराएं।
2. किराताजुनीयम(प्रथम संग्रह)—भारविकृत

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3. व्यक्ति-लघुसिद्धान्तकोमुदी-संज्ञा, एवं संधि प्रकरण क-संज्ञा प्रकरण- 10 अंक
d-अच्छ- संधि- 10 अंक
g- हल्ल संधि- 10 अंक
g- विसर्ग संधि- 05 अंक

4. निम्नलिखित कृत्ति प्रत्ययों से वाक्य निर्माण सम्बन्धी प्रश्न – 20 अंक
tतत्त्व, अनीयर – तत्त्ववाचारीय:
vतत्त्व – अच्छे यत्त, ईद्यातित, पोरुपात्म
vध्यात्म – एतिसुशास्त्रवृद्धिज्ञ, कयष्ट, हृद्वस्य पिती कृति तुकः, शास्त्र इदस्तहृत:
vyतत्त्व – .ऋहलोष्यत
shतत्त्व, शानच – निःशानशानविचारप्रथममानाचिरणे, आने मुक्
कट, कतवज – कतकतवतृं निःशान, रद्धमां मिन्न्तिवो न: पूर्वस्य च द:
kतच – समानकर्तरूस्योऽय: पूर्वकाले
lतय – समातेरसन्तु पूर्वस्य कत्तो ल्याप
तुनु – तुमण्डलो विवश्वायोऽय: कियाचायायाम

अंक- विपुलांक

<table>
<thead>
<tr>
<th>क्र. सं.</th>
<th>पुस्तक का नाम</th>
<th>लघूतरामक प्रश्न</th>
<th>अंक</th>
<th>निबन्धात्मक प्रश्न संख्या</th>
<th>अंक</th>
<th>अंको का योग</th>
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<td>1.</td>
<td>भारतीय संस्कृति के तत्त्व</td>
<td>लघूतरामक 3</td>
<td>06</td>
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<td>02</td>
<td>17</td>
<td>08+17=25</td>
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<td>3.</td>
<td>लघुसिद्धान्तकोमुदी-संज्ञा, एवं संधि प्रकरण</td>
<td>लघूतरामक 5</td>
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<td>01</td>
<td>25</td>
<td>10+25=35</td>
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<td>4.</td>
<td>कृत्ति प्रत्यय</td>
<td>लघूतरामक 3</td>
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<td>30</td>
<td>10</td>
<td>70</td>
<td>100</td>
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</table>

प्रश्न-पत्र का निर्माण निम्नानुसार होगा –

1. सभी प्रश्न अनिवार्य हैं।
2. प्रत्येक पुस्तक से लघूतरामक निबन्धात्मक, व्याख्यात्मक प्रश्न पूछे जाएंगे।

लघूतरामक प्रश्न के 2 अंक निर्धारित हैं।

निबन्धात्मक / व्याख्यात्मक प्रश्न

भारतीय संस्कृति के तत्त्व
भाग अ में 2-2 अंक के तीन लघूतरामक प्रश्न पूछे जाएंगे।
भाग ब

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

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किराताजूनियम (प्रथम भाग)
भाग अ में 2-2 अंक के चार लघूतरत्नक प्रश्न पूछे जायेंगे।
भाग ब
1. 4 श्लोक पूछकर उनमें से किन्हीं 2 श्लोकों की समस्या व्याख्या पूछी जायेगी। 12 अंक
2. दो विवेचनात्मक प्रश्न पूछकर किसी एक प्रश्न का उत्तर देय होगा। 5 अंक

व्याकरण-लघुसिद्धान्त कौमुदी
भाग अ में 2-2 अंक के चार लघूतरत्नक प्रश्न पूछे जायेंगे। 10 अंक
भाग ब

क. संज्ञा प्रकरण
4 सूत्र पूछकर किन्हीं 2 सूत्रों की सोदाहरण व्याख्या अपेक्षित है। प्रत्येक व्याख्या के लिये 2 अंक निरिच्छ हैं। 04 अंक

ख. अच्च संधि-
4 सूत्र पूछकर किन्हीं 2 सूत्रों की सोदाहरण व्याख्या अपेक्षित है। प्रत्येक व्याख्या के लिये 2 अंक निरिच्छ हैं। 04 अंक

4 शब्दसिद्धि पूछकर किन्हीं 2 शब्दों की सूत्रनिदेश पूर्वक सिद्धि अपेक्षित है। प्रत्येक सिद्धि के लिये 2 अंक निरिच्छ हैं। 04 अंक

ग. हल्द संधि-
4 सूत्र पूछकर किन्हीं 2 सूत्रों की सोदाहरण व्याख्या अपेक्षित है। प्रत्येक व्याख्या के लिये 2 अंक निरिच्छ हैं। 04 अंक

4 शब्दसिद्धि पूछकर किन्हीं 2 शब्दों की सूत्रनिदेश पूर्वक सिद्धि अपेक्षित है। प्रत्येक सिद्धि के लिये 2 अंक निरिच्छ 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 सूत्रनिदेश पूर्वक सिद्धि अपेक्षित है। 03 अंक

ड कृत्य प्रत्यय-
भाग अ में 2-2 अंक के तीन लघूतरत्नक प्रश्न पूछे जायेंगे। 06 अंक
भाग ब

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

कुल योग- 100 अंक

साहित्य पुस्तकें- भारतीय संस्कृति
1. भारतीय सांस्कृतिक निधि-- डॉ. रमजी उपाध्याय, महामान पुरी, वाराणसी।
2. भारतीय संस्कृति-श्री रागदेव राम, श्राय साहित्य प्रकाशन ऋषि रास्ता, जयपुर।
3. भारतीय संस्कृति- वाई.एस.रमेश-रतना प्रकाशन,जयपुर।

[Signature]
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4. भारतीय संस्कृति— डॉ. रामजी उपाध्याय, महामनपुरी, वाराणसी।
5. भारतीय दर्शन— डॉ. बलदेव उपाध्याय, चाँखम्बा प्रकाशन, वाराणसी।

प्रतिज्ञान
1. किराताजूनीयम् (प्रथम सर्ग)—आचार्य नवल किशोर कांकर, विद्या दैवत भवन, जयपुर।
2. किराताजूनीयम् (प्रथम सर्ग)—डॉ. विश्वनाथ शर्मा, आदर्श प्रकाशन, जयपुर।
3. किराताजूनीयम् (प्रथम सर्ग)— डॉ. सुभाष वेदालंकार, अलंकार प्रकाशन, जयपुर।

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

व्याकरण के लिये
1. लघुसिद्धान्त कौमुदी— डॉ. राजेश कुमार, जगदीश संस्कृत पुस्तकालय, जयपुर।
2. लघुसिद्धान्त कौमुदी— श्रीमहेश सिंह कुशवाहा, चाँखम्बा संस्कृत प्रतिष्ठान, दिल्ली।
3. लघुसिद्धान्त कौमुदी— श्री धरानंद शास्त्री, मोतीलाल बनारसीदास, दिल्ली।
4. लघुसिद्धान्त कौमुदी— भीमसेन शास्त्री।
5. संस्कृत व्याकरण— श्री निवास शास्त्री।
6. वृहद अनुवाद चन्द्रिका— चंद्रधर हंस नौटियाल

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JALPUR
B.A. Part I - 2019
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.


Unit B:

1. Nyaya: theory of pramanas, the individual self and its liberation, the idea of God and proofs for his existence.


3. Samkhya: causation, satkaryavada, prakrti its constituents, evolutes and arguments. For its existence, purusa, arguments for its existence and plurality of purusas, relationship between prakrti and purusa, karika, vaadinism.

4. Yoga: aims, methods, effects of yoga, religious and contemplative aspects of yoga.
Unit C:
2. Advaita: nirguna brahman, adhyasa, rejection of difference, vivartavada, maya, three grades of satta, pramanas, jiva, 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
संग्रह लाल पाण्डे : भारतीय दर्शन का सन्दर्भ, सेन्ट्रल पश्चिमी 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:
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.
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:

1. 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 : पाश्चात्य दर्शन का सामीक्षक अध्ययन, भोपाल बनर्जी दादास, दिल्ली (English Translation Available)

F. Thilly : *History of Western Philosophy (Hindi Translation Available)*
HISTORY

The scheme of examination will be as follows:

Scheme:

**Maximum Marks 200**

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

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

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

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

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

परेशा योजना:

अधिकतम अंक 200

प्रथम प्रश्नपत्र

राज्य 3 घंटे

अंक 100

द्वितीय प्रश्नपत्र

राज्य 3 घंटे

अंक 100

नोट: इतिहास विषय के कुल दो प्रश्नपत्र होगें, 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 शब्द 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 शब्द सीमा 50 शब्द।

प्रश्नपत्र के द्वितीय भाग में, पांचप्रक्रम के तीन खण्डों में से, प्रत्येक खण्ड से दो--दो प्रश्नों का चयन करते हुए, कुल 06 निवेश्तत्त्व प्रश्न होंगे। प्रत्येक प्रश्न 20 अंकों का होगा। परिक्षारूपीय विषयों के प्रत्येक खण्ड में सभी से कम एक प्रश्न का चयन करते हुए कुल 03 प्रश्न होने 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

पौर्ण सामाजिक - समुद्र, बदल द्वीप विकास, स्कंदगुप्त की उपलब्धियाँ। सहज एवं प्राकृतिक संस्कृति। सामाजिक एवं आर्थिक जीवन। धार्मिक धर्म एवं संस्कृति। साहित्य, कला एवं विज्ञान का विकास। 750 ईस्वी तक पुनर्जीवन का जन्म, वासुदेवों एवं पट्टियों की उपलब्धियाँ। विद्यापीठ के समय। सामाजिक बीमारी एवं उनकी उपलब्धियाँ। 750 से 1200 ईस्वी के काल में सामाजिक एवं आर्थिक परिस्थितियों का अनुभव तथा सांस्कृतिक जीवन का संक्षिप्त सर्वेक्षण।

Books Recommended (अनुसारित पुस्तकें):

H. D. Sankalia : Prehistory of India, Murti Bhuram Manoharlal, New Delhi, 1977
R.K. Mookerji : Chandragupta Maurya and His Times, Delhi, 1952
U. N. Puri : India under the Kushanas, Bombay, 1965

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PAPER II: HISTORY OF RAJASTHAN (FROM EARLIEST TIMES TO 1956 A.D.)

Section - A

Section - B

राजपूत रिसालत्ते व युस्म अवश्यकताएं राजस्थान में मेवार के महाराजा वल्लभवंश के तथा संगा के महाराजा प्रताप के प्रदर्शन। चंद्रशेखर के प्रयासों के लिए सक्षमता। समाजवादी अभियान के लिए सर्वेक्षण। राजस्थान के स्थानीय व संस्कृति की विशेषताएं।

Section - C

मराठा अवश्यकताएं राजस्थान में और उनका प्रभाव। सेक्टर और नागरिक विकास के लिए सहायता। वित्तीय और सार्वजनिक पहलों के लिए सर्वेक्षण। राजस्थान के स्थानीय व संस्कृति की विशेषताएं।

द्वितीय अध्याय: राजस्थान का इतिहास (आशियानिक काल से 1956 ईस्वी तक)

खण्ड - क

राजस्थान के इतिहास के स्रोतों का संरक्षण। राजस्थान में पुराणकालीन एवं व्यापारिकालिकों संस्कृतियों। तात्पर्यात्मक एवं राजकीय संस्कृतियों का विस्तार। अथवा सिंहली, ब्राह्मण, गणेशपर। कालीय राजस्थान के शताब्दियों। राजस्थान में मलय जनपद एवं धार्मिक प्रवृत्तियों। राजपूतों का उदय। गुरुओं, गुरु-प्रतिहारों एवं चांगों का उदय।

खण्ड - ख

राजस्थान में मुसलमान आक्रमण का राजस्थान विरोध। महाराजा कुमार एवं संगा के अधीन नियवाण। गर्भात्मक अभियान के लिए सार्थक। स्वतंत्रता के लिए बंदरगाह के व्यवस्था। सवाई जयसिंह का पदाधिकार। राजस्थान में समाज एवं संस्कृति की पुष्टि विशेषज्ञों का संक्षेप सर्वेक्षण (1200-1750 ईस्वी)।

खण्ड - ग

राजस्थान में महात्मा आक्रमण एवं उनका प्रभाव। ब्रिटिश प्रमुख का स्वीकार एवं इस दिशा परिवर्तन।

8 ईस्वी के वर्तमान प्रसारण एवं व्यापारिक परिवर्तन। सामाजिक परिवर्तन - कला-शिक्षा का एवं सीता प्रतिवर्तन। आर्थिक परिवर्तन - मूल राजस्थान बदलना। नन्दक एवं अफीम व्यापार पर ब्रिटिश अकधिकार।

संस्कृति में 1857 का वर्ष। राजस्थान में आर्य समाज का प्रभाव। क्रूरता आदर्शों एवं जनजातियों व लोगों का एक संघन्नता सेवा। राजस्थान में प्रायांमंडलों का गठन एवं स्वायत्तता संग्रह। राजस्थान के

का अप्रतिफली कारण।

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JALPUR
asharath Sharma : Rajasthan through the Ages, Vol. I. Bikaner, 1966
N. Sharma : Early Chauhan Dynasties, Delhi, 1975
N. Sharma : Rajasthan through the Ages, Vol. II
Meenakshi : Mewar and the Mughal Emperors
S. Jain : Social Life in Medieval Rajasthan
S. Shukla : Rajasthan through the Ages, Vol. III
N. Puri : Surplus to Subsistence, Delhi, 1994
D. Sankalia et al : Concise History of Modern Rajasthan
Chandra Rani Sharma : The History of the Gujara-Pratiharas, Delhi, 1975
Shalini Sharan : Society and Culture in Rajasthan c. A.D. 700-900, Delhi, 1996
I. Bhatnagar : Life & Times of Sawai Jai Singh (also in Hindi)
B. Sharm : राजस्थान का इतिहास, आगंतुक
S. K. Bahadur : राजस्थान का सांस्कृतिक इतिहास, राजस्थान अकादमी, जयपुर
S. J. Singh : राजस्थान के इतिहास के अंतः राजस्थान इतिहास, उत्तर भारत का सांस्कृतिक इतिहास, लखनऊ
S. Banerjee : राजस्थान का आधुनिक इतिहास, जयपुर
S. J. Singh : आधुनिक राजस्थान का इतिहास: खण्ड 1 एवं खण्ड 2, राजस्थान हिंदी अकादमी, जयपुर

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University of Rajasthan
JAI PURA
प्रश्न-पत्रों की रूपरेखा

राजनीति विज्ञान के दो प्रश्न-पत्र होंगे। प्रत्येक प्रश्न-पत्र 3 घण्टे की अवधि का होगा तथा प्रश्न-पत्र के अधिकतम 100 अंक होंगे।
प्रत्येक प्रश्न-पत्र के तीन खण्ड होंगे। प्रथम खण्ड 20 अंकों का होगा। इस खण्ड में दो अंकों के 10 अनिवार्य प्रश्न होंगे। जिनमें से प्रत्येक प्रश्न का उत्तर परीक्षार्थी को अधिकतम 20-25 शब्दों में देना होगा।
द्वितीय खण्ड 20 अंकों का होगा। इस खण्ड में 05 अंकों के 04 अनिवार्य प्रश्न होंगे, जिनमें से प्रत्येक का उत्तर 150 शब्दों में अपेक्षित होगा।
तृतीय खण्ड 60 अंकों का होगा। इस खण्ड में तीन भाग होंगे। जिनमें प्रत्येक में 20 अंकों के दो निबंधात्मक प्रश्न होंगे। परीक्षार्थी से प्रत्येक खण्ड में से एक प्रश्न का उत्तर अपेक्षित होगा। प्रत्येक खण्ड से एक प्रश्न का चयन करते हुए कुल 03 प्रश्नों का उत्तर अपेक्षित होगा।

Scheme of Question Papers

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

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

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

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

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University of Rajasthan
Jaipur
प्रथम प्रश्न— पत्र राजनीति विज्ञान के भूल आधार

खण्ड 'क'

राजनीति विज्ञान: परम्परागत और आधुनिक दृष्टिकोण, व्यवहारवाद और उत्तर व्यवहारवाद, अन्तः अनुशासनात्मक दृष्टिकोण, राजनीति विज्ञान का अन्य समाज विज्ञानों से संबंध, अध्यादेशार्थः: शक्ति, सत्ता व बैठकाः।

खण्ड 'ख'

राजनीतिक व्यवस्था, राजनीतिक आधुनिकीकरण, राजनीतिक विकास, लोकतंत्र, निर्देशकत्व, राजनीतिक दल व दलबांत 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, लोकतांत्रिक समाजवाद, अराजकतावाद व नारीवाद।

Paper-I: Foundations of Political Science

Section-'A'


Section-'B'


Section-'C'

Political Ideologies: Liberalism, Idealism, Marxism, Democratic Socialism, Anarchism and Feminism.

Books recommended:-

Astvatham: 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: Rajniti Vigyan (Gadodia Pustak Bhandar, Bikaner)
J.C Johri: Principles of Political science
Chandrakala Prasad: Political ideas

संस्लू. पद्म: उद्देश्यमूळ एवं प्राकृतिक टॉपिकल द्वारा इन इन्डिया

आधारालात: राजनीति शास्त्र के सिद्धांत

पुस्तकालात: राजनीति शास्त्र के मूल आधार

प्र.स्त.पुस्तकालात: राजनीति शास्त्र के मूल आधार

अध्याय ५: आधुनिक राजनीति शास्त्र के सिद्धांत

प्र. मूलालात: राजनीति शास्त्र के मूल आधार

प्र.स्त.मूलालात: राजनीति विज्ञान के मूल आधार

मूलालात: राजनीति विज्ञान के मूल आधार
द्वितीय प्रश्न—पृष्ठ प्रतिनिधित्व भारतीय राजनीतिक विचारक

खण्ड ‘क’

मनु, काठिया व शुक्र।

खण्ड ‘ख’

राजा रामभोजर राय, स्वामी दयानंद सरस्वती, गोपाल कृष्ण गोखले व बाल गंगाधर तिलक, स्वामी विवेकानंद।

खण्ड ‘ग’

मोहनदास करमचंद गाँधी, जवाहर लाल नेहरू, कृ.आर. अम्बेडकर, एम.एन. राय, जयप्रकाश नारायण व दीनदयाल उपाध्याय।

Paper- II : Representative Indian Political Thinkers

Section- A

Manu, Kastilya, Shukra.

Section- B


Section- C


Books recommended:

Awasthi and Awasthi : Pratinidhi Bhartiya Rajniti Chintan
V.P Verma : Aadhunik Bhartiya Rajniti Avam Samajik Chintan
Purbhota Nigam : Aadhunik Bhartiya Chintan.
Mehroo Bhagwan : Premukh Bhartiya Rajniti Vicharak (Adarch Prakashan, Chaura Kasata, Jaipur)
N.P. Verma : Indian Political Thought Vol. 1811
J.P. Sood : Main Currents of Indian Political Thought.

परंपरा शासन : प्राचीन भारत में राजनीतिक चित्तन व संस्थाएँ
ध.भ. सूचिक : मेन कारस्टः ऑफ इण्डियान पॉलिटिकल धॉट (हिन्दी व अंग्रेजी)
पुस्तके दर्शि व धी.वा. समाष्टी : प्रमुख भारतीय राजनीतिक विचारक
धी.वा. मुख्य भारतीय राजनीतिक व सामाजिक चित्तन।
धी.वा. गाण्डी : प्रमुख भारतीय राजनीतिक विचारक
अवश्य एवं अवश्य भारतीय राजनीतिक चित्तन
धी.वा. शास्त्री : प्रमुख भारतीय राजनीतिक विचारक
समुच्छय श्याम चतुरबाई : प्रमुख भारतीय राजनीतिक विचार
Scheme:

**Number of Student** –

- Max. - 15
- Min. - 04

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

**Teaching Hours**

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

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

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

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

Principles of Indian Music

Section – A

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

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

Max. Marks 120

(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 piece 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 “bol” with Dugun and mark time on hand
   and to recognize the following talas when played on table-
   Dhamar, Tilwara, Tital, Jhaptal, 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 (दुर्लगत) with sufficient varieties of Todas and Jhalas in the following Three ragas.
   (i) Yaman (ii) Bageshree (iii) Bhimplasi.

6. With the accompaniment of tabla to play a Fastgat (दुर्लगत) 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 पृष्ठ – 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.)
8. Tan Malika, Pt. III (Uttararadha) by Raja Bhaya Poochhwaile.
   Sangeet Karyalaya, Hathras.
Public Administration

<table>
<thead>
<tr>
<th>Scheme</th>
<th>Max. Marks</th>
<th>Mini. Marks</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Two Papers</td>
<td>300</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
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 Prashshan Ke Tatav.
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, Comission 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. भी.एल. फडिया: भारत में लोक प्रशासन
7. भी.डी. शर्मा एवं भी.एम. शर्मा: भारतीय प्रशासन
8. रंजिंद्र शर्मा: भारत में लोक प्रशासन
9. चुरंन्द कटारिया: भारत में लोक प्रशासन
10. एन.आर. महेश्वरी: भारतीय प्रशासन

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प्रश्न पत्र - 1 : लोक प्रशासन के तत्व

प्रथम खण्ड

लोक प्रशासन का अर्थ, प्रकृति व क्षेत्र, आदेशीक 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 - पदस्थापन, आदेश की एकता, नियंत्रण का क्षेत्र, समन्वय, केंद्रीयकरण, विकेंद्रीकरण, सत्ता एवं उत्तरदायित्व।

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द्वितीय पत्र - भारत में लोक प्रशासन

भारतीय प्रशासन की ऐतिहासिक पृष्ठभूमि - ब्रिटिश काल के प्रभातों के विशेष सन्दर्भ में, भारतीय प्रशासन की पुरातत्त्विक विशेषताएँ, भूमिका कार्यालय, राज्यविभाग, प्रशासनिक संगठन व अन्य विभागों के तहत मिश्रित साहित्य, विद्यालय-साहित्य, विद्यालय समिति व अन्य विभागों के तहत मिश्रित साहित्य।

द्वितीय खण्ड

गृह मंत्रालय, कार्यकारी दैलेख एवं लोक विकास मंत्रालय का संगठन व कार्यकलाप, 
लोक उद्योगों के निर्माण कार्य, विभाग, निगम एवं कम्पनी प्रणाली, लोक उपकरणों के 
संसदीय समिति, विद्यालय प्रशासन का कार्य, विद्यालय का राष्ट्रवाद एवं अनुसंधान 
नियंत्रण एवं महालेखा परीक्षण, लोक लेखा समिति। अनुमान 
समिति।

तृतीय खण्ड

कार्यकारी प्रशासन : भारतीय लोक रेलवे की वर्गीकरण, अन्तिक भारतीय सेवाओं में 
भर्ती एवं प्रशिक्षण, प्रशासन पर नियंत्रण : विभाग, कार्यालय व न्यायिक नियंत्रण, 
प्रशासनिक व्यवस्थापन, लोक परिवेश एवं वित्त परीक्षण, प्रशासनिक व्यवस्थापन, कार्यकारी प्रशासन 
एवं व्यवस्थापन के विशेष सन्दर्भ में प्रथम प्रशासनिक सुधार आयोग एवं द्वितीय प्रशासनिक 
सुधार आयोग के तृतीय अध्याय।

अनुसंधान पुस्तकें :
1. एस.आर. पारेशसरी : भारतीय प्रशासन
2. श्री. शरण : पब्लिक एडमिनिस्ट्रेशन इन इंडिया
3. रंजन अरोड़ा एण्ड इंजीनियर्स ग्री : इंडियन पब्लिक एडमिनिस्ट्रेशन
4. अरुण एण्ड अरुण : भारतीय प्रशासन
5. होशियार एण्ड पद्म सहित : भारतीय प्रशासन
6. धीर, विजया एण्ड अमृत : भारत में लोक प्रशासन
7. श्री.बी.रामण एण्ड बी.एम. भर्म : भारतीय प्रशासन
8. रविकुल शर्मा : भारत में लोक प्रशासन
9. सुरेंद्र कुमार एण्ड : भारत में लोक प्रशासन
10. एस.आर. पारेशसरी : भारतीय प्रशासन

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B.A. Part I
DRAWING & PAINTING 2019

SCHEME:

<table>
<thead>
<tr>
<th>Theory Paper I</th>
<th>Duration</th>
<th>M.M.</th>
<th>Min. Pass Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fundamentals of Arts</td>
<td>1 hrs.</td>
<td>90</td>
<td>12 1/2</td>
</tr>
<tr>
<td>Practical Paper II</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Part A: Study from object</td>
<td>3 hrs.</td>
<td>45</td>
<td>32 1/2</td>
</tr>
<tr>
<td>Part B: Creative Design</td>
<td>3 hrs.</td>
<td>45</td>
<td></td>
</tr>
<tr>
<td>Submission of Works</td>
<td></td>
<td>20</td>
<td>07</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>200</strong></td>
<td><strong>72</strong></td>
</tr>
</tbody>
</table>

Paper I : Fundamental of Art

Note: The paper consist of two parts:
Part -I: Carries 30 marks and consist of 15 short type questions of 2 marks each.
Part -II: Carries 60 marks divided into three sections 4 questions of 15 marks each with internal choice. Candidates are required to attempt four questions selecting one question from each section. Each answer should be limited in 700-800 words.

Section - A

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 नवीन स्वरूप – नरेंद्र सिंह यादव, अजय यादव, राजस्थान हिंदी प्रथम अकादमी, जयपुर, 2016
Paper - II Practical

Part-A

Study from Objects

Size\frac{1}{4}\text{ 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 vegetables etc.

Part-B

Creative design

Size\frac{1}{4}\text{ imp.}

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 an internal examiner who is the subject teacher of the Department of Drawing and Painting. University may centralize the practical examinations at few well equipped Departments to hold examination economically.

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

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

Unit I: Understanding Sociology

Unit II: Basic Concepts in Sociology.
Society, Community, Social Group, Institution, Social Structure, Social System, Status and Role, 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 पारसचानी, वसुधाकर, 2007, समाजशास्त्र विवेचन, जयपुर: साजस्थान हिंदी प्रथम अकादमी
2. आहूजा, राम एवं आहूजा, मुंबई, 2006, समाजशास्त्र विवेचना एवं परिषेध्य, जयपुर: रावत पढ़ापकेश्वर
3. दोषी, एस. एल. एवं जैन, एल. सी., 2006, समाजशास्त्र नई दिशाएँ, जयपुर: रावत पढ़ापकेश्वर
4. सिंह, जे. पी., 2008, समाजशास्त्र: अवधारणाएँ एवं सिद्धांत, नई दिल्ली: प्रेंटिस हाल ऑफ़ इंडिया प्राइवेट लिमिटेड
5. सिंह, जे. पी., 2008, आधुनिक भारत में सामाजिक परिवर्तन, नई दिल्ली: प्रेंटिस हाल ऑफ़ इंडिया प्राइवेट लिमिटेड
6. मैकाइवर, आर. एम. एवं पेज, चार्ल्स एच., 1992: समाज (एक परिच्छेदनक विश्लेषण), आगरा: रत्न प्रकाशन मन्दिर (अनुवादक जी. विश्वेश्वरराय एवं रामपाल सिंह गोड)
Essential Readings: (in Hindi):
1. आयुष्मान, राम, 2009, भारतीय सामाजिक व्यवस्था, जयपुर: रावत प्रकाशन
2. दोषी, एस. एल. 2009, भारतीय सामाजिक विचार, जयपुर: रावत प्रकाशन
3. शर्मा, के. एल. 2008, भारतीय सामाजिक संस्कृति एवं विकास, जयपुर: रावत प्रकाशन
4. दोषी, एस. एल. एवं जीन शी. सी., 2002, भारतीय समाज, जयपुर: नेशनल प्रकाशन हाउस
5. पटेल, तुलसी, 2011, भारत में परिवार: संरचना एवं व्यवहार, जयपुर: रावत प्रकाशन
6. जीन, शौभिता, 2008, भारत में परिवार, विवाह और नातेलाली, जयपुर: रावत प्रकाशन

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SYLLABUS FOR THE FIRST YEAR B.A. IN FRENCH

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

<table>
<thead>
<tr>
<th>PAPER</th>
<th>MAXIMUM MARKS</th>
<th>TOTAL MARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAPER - I</td>
<td>75</td>
<td>200</td>
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<tr>
<td>PAPER - II</td>
<td>75</td>
<td></td>
</tr>
<tr>
<td>PAPER - III</td>
<td>50</td>
<td></td>
</tr>
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</table>

PAPER - I GRAMMAR

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

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
SYLLABUS FOR THE FIRST YEAR B.A. IN GERMAN

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

PAPER - I: MAXIMUM MARKS: 75
PAPER - II: MAXIMUM MARKS: 75
PAPER - III: MAXIMUM MARKS: 50
TOTAL MARKS: 200

PAPER - I GRAMMAR

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
Rellexivpronomen
Adjektivdeklination
Nebensatz
Komparat 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. Exammer 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.

<table>
<thead>
<tr>
<th>Paper</th>
<th>Subjects</th>
<th>Duration of exam</th>
<th>Maximum marks</th>
<th>Minimum marks</th>
<th>No. of hrs/wk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theory Paper 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>Total</td>
<td></td>
<td></td>
<td>200</td>
<td>72</td>
<td>10</td>
</tr>
</tbody>
</table>
# B.A. PART I

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

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

## 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

<table>
<thead>
<tr>
<th>Housing</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Function &amp; family need of housing</td>
<td></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></td>
</tr>
<tr>
<td>• Vegetation:</td>
<td></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>
</tr>
<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></td>
</tr>
<tr>
<td>6. Table setting &amp; etiquettes</td>
<td></td>
</tr>
</tbody>
</table>

### UNIT II

<table>
<thead>
<tr>
<th>Interior designing</th>
<th>Hours</th>
</tr>
</thead>
<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></td>
</tr>
<tr>
<td>11. Flower decoration</td>
<td></td>
</tr>
<tr>
<td>• Basic equipments</td>
<td></td>
</tr>
<tr>
<td>• Vases and containers</td>
<td></td>
</tr>
<tr>
<td>• Preparing plant material</td>
<td></td>
</tr>
<tr>
<td>• Shaping an arrangement</td>
<td></td>
</tr>
<tr>
<td>12. Furniture</td>
<td></td>
</tr>
<tr>
<td>• Types of furniture</td>
<td></td>
</tr>
<tr>
<td>• Selection use &amp; care</td>
<td>3</td>
</tr>
</tbody>
</table>
UNIT-III
Resource Management

13. Meaning, definition and importance of home management
14. Process of management:
   - planning
   - organization
   - implementation
   - controlling and evaluation
15. Introduction to motivational factor (meaning and types)
   - Values
   - Goals
   - Standards
   - Decision Making
   - Resources
16. Time management:
   - Tools in time management
     - Time cost
     - Time norms
     - Peak loads
     - Work curve and rest periods
   - Process of managing time
17. Energy Management:
   - Process of energy management
   - Fatigue
   - Body mechanics
   - Works simplification - Mundel's Classes of changes
   - Ergonomics: Meaning, importance & its components
18. Money Management
   - Family Income: sources & type
   - Budget: Definition & Process of budget making
   - Saving, investment and raising housing loan:
     - Definition & Objectives
     - Channels: bank, insurance, post office
19. Consumer problems, rights & responsibilities
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:

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:

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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 (LIQ, MIO, HIO)
     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: 7 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.
1. **Definition of Food and Nutrition, 5 basic Food groups, Balanced diet**

2. **Functions of food**
   - Physiological – Hunger, Appetite, Satiety.
   - Psychological
   - Social, Economic, Cultural.

3. **Functions, sources, Effect of deficiency, Daily allowances of:**
   - **Macro Nutrients**
     - Carbohydrates
     - Proteins
     - Fats
   - **Micro Nutrients**
     - Minerals – Calcium, Iron, Iodine, Fluorine
     - Vitamins
       - Water Soluble – B complex vitamins, Vitamin C
       - Fat soluble—A, D, E & K
   - **Water Balance**
   - **Energy Metabolism**
     - Unit of measurement of energy, definition of calorie, Kilocalorie.
     - Gross & Physiological fuel value of food.
     - BMR and factors affecting BMR/ Energy requirement (RDA) and factors affecting energy requirement.

<table>
<thead>
<tr>
<th>Unit II</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>4. <strong>Meal Planning</strong></td>
<td>8</td>
</tr>
<tr>
<td>• Advantages &amp; importance of meal planning.</td>
<td></td>
</tr>
<tr>
<td>• Goals of meal planning</td>
<td></td>
</tr>
<tr>
<td>- Food budget-factors affecting food budget, budgets for low, moderate &amp; liberal incomes</td>
<td></td>
</tr>
<tr>
<td>- Matching meals to time &amp; energy</td>
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<tr>
<td>- Other factors –taste, aroma, flavour, texture, temperature, traditions, likes &amp; dislikes.</td>
<td></td>
</tr>
<tr>
<td>• Factors affecting meal planning.</td>
<td></td>
</tr>
<tr>
<td>• Factors affecting food intake.</td>
<td></td>
</tr>
<tr>
<td>5. <strong>Normal Nutrition – Nutritional requirements, physiological demands, problems, dietary guidelines for:</strong></td>
<td>16</td>
</tr>
<tr>
<td>• Pregnancy</td>
<td></td>
</tr>
<tr>
<td>• Lactation</td>
<td></td>
</tr>
<tr>
<td>• Infancy (with special emphasis on breastfeeding &amp; complementary feeding)</td>
<td></td>
</tr>
<tr>
<td>• Preschool child</td>
<td></td>
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<tr>
<td>• School going child</td>
<td></td>
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<tr>
<td>• Adolescent</td>
<td></td>
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<tr>
<td>• Adult</td>
<td></td>
</tr>
<tr>
<td>• Elderly person</td>
<td></td>
</tr>
</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

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References:

2. Srilakshmi, B. Food Science, new Age International (P) Ltd. Publishers, New Delhi,
3. Swaminathan MS(2010) Aahar evam Poshan, NR Brothers,MY Hospital Marg, Indore,

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**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 |

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

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[Signature]

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Frying
i. Shallow – cheela, parantha, 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), parantha (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 paneer, shahi paneer), baked vegetables.

6. Milk & Milk products – paneer, khoa, curd, shrikhand, keerabrabri, fruit custard, raita, fruit cream.

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

   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

   25 marks

2. Minor Problem

   Preparation of one dish from

   - Any one method of cooking
   - Any one food group (cereals, vegetable, milk etc.)

   15 marks

3. Internal

   10 marks

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17. TEXTILE-CRAFT

**Scheme:** B.A/B.COM/\[Bsc\] PART-I – Exam- 2019

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Duration</th>
<th>Max. Mark</th>
<th>Min. Mark</th>
</tr>
</thead>
<tbody>
<tr>
<td>(i) Theory</td>
<td>One paper</td>
<td>3 Hrs</td>
<td>60</td>
<td>22</td>
</tr>
<tr>
<td>(ii) Practical</td>
<td>One</td>
<td>3 Hrs</td>
<td>80</td>
<td>28</td>
</tr>
<tr>
<td>(iii) Submission</td>
<td>Two</td>
<td></td>
<td>60</td>
<td>22</td>
</tr>
</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:

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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


7. Printed Fabric: Kalamkari, madhubani

8. Traditional emboiderries of India:
   (a) Kashida of Kashmir
   (b) Kasuti of karnataka
   (c) Manipuri
   (d) Chamba rumai

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(c) Kantha of Bengal
(l) 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.

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
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:
1. Kaplan S. Robert, Anthen A. Alkinson management
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, bakhiya, 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 aplique work.

3. Make samples of following traditional embroideries:
   Kashida, kantha, kasou, phulkari, chamba rumal, chikankari, embroidery of kurta

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

5. Design and prepare an article of embroidery stitching sample

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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.

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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.
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  (52x3 periods)  Min. Pass Marks 28

Unit-I: 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.

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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 bacteria 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, asyirations.

**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 per Batch for Practical
(20 candidates in each batch)

**Examination:**

<table>
<thead>
<tr>
<th>Scheme</th>
<th>Min. Pass Marks</th>
<th>Max. Marks</th>
</tr>
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<tbody>
<tr>
<td>Science</td>
<td>54</td>
<td>150</td>
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<tr>
<td>Arts</td>
<td>72</td>
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<thead>
<tr>
<th>Paper I</th>
<th>Duration</th>
<th>Max. Marks</th>
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<tbody>
<tr>
<td>Discrete Mathematics</td>
<td>3 hrs.</td>
<td>40 (Science)</td>
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<td>53 (Arts)</td>
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<th>Paper - II</th>
<th>Duration</th>
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<tbody>
<tr>
<td>Calculus</td>
<td>3 hrs.</td>
<td>40 (Science)</td>
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<td>53 (Arts)</td>
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<table>
<thead>
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<th>Paper - III</th>
<th>Duration</th>
<th>Max. Marks</th>
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</thead>
<tbody>
<tr>
<td>Analytic Geometry and</td>
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<td>40 (Science)</td>
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<tr>
<td>Optimization Theory</td>
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<td>54 (Arts)</td>
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<table>
<thead>
<tr>
<th>Practical</th>
<th>Duration</th>
<th>Max. Marks</th>
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</thead>
<tbody>
<tr>
<td>Optimization Techniques</td>
<td>2 hrs.</td>
<td>30 (Science)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>40 (Arts)</td>
</tr>
</tbody>
</table>

**Note:**

1. Common paper will be set for both the Faculties of Social Science and Science. However, the marks obtained by the candidate in the case of Faculty of Social Science will be converted according to the ratio of the maximum marks of the papers in the two faculties.

2. Each candidate is required to appear in the Practical examination to be conducted by internal and external examiners. External examiner will be appointed by the University and internal examiner will be appointed by the Principal in consultation with Local Head/Head, Department of Mathematics in the college.

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

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

[Signature]

*Dy. Registrar*
*(Academic)*

*University of Rajasthan*
*Jaipur*

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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, Principle 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 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:


Dy. Registrar
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University of Rajasthan
TAIPUR
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 per Batch

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

Two Practicals one from each group

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

[Signature]
Dy. Registrar
(Academic)
University of Rajasthan
JAIPUR

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## ECONOMICS

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


Books Recommended:

6. लक्ष्मीवर्धन जातीय हस्तिविद्यांचार्मासूर्य, समेतमा, जयपुर।

Reference Books

Paper – II Indian Economy


Section-B


Section-C

Planning in India: Objectives and Achievements, NITI Aayog, National Development Agenda, Problems Of Poverty; Unemployment, Inflation And Regional Inequalities; Rural Development programmes and Policy; Sectoral Reforms in Infrastructure after 1991.

Books Recommended:
6. Government of India; Economic Survey (Hindi & English.)

Dy. Registrar
(Academic)
University of Rajasthan
JAIPUR
Scheme of Examination

Faculty
Arts/Social Science
Science
Paper I

<table>
<thead>
<tr>
<th>Subject</th>
<th>Min. Pass Marks</th>
<th>Max. Marks</th>
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</thead>
<tbody>
<tr>
<td>Physical Geography</td>
<td>12</td>
<td>200</td>
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<td></td>
<td>34</td>
<td>150</td>
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</table>

Paper II

<table>
<thead>
<tr>
<th>Subject</th>
<th>Min. Pass Marks</th>
<th>Max. Marks</th>
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<tbody>
<tr>
<td>Geography of Rajasthan</td>
<td>18</td>
<td>75</td>
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</table>

Practical

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

4. 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 examination.

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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, Jeffrey, Daly, Joly and Holmes and plate tectonics; denudation, cycle of erosion; views of W.M. Davis and W. Peck, 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 Thordarson, general climatic classification.

Section C

Surface configuration of oceans bottom: Pacific, Atlantic and Indian oceans, ocean depths, 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:

- Jha, V. 2005, भौतिक भूगोल (आधुनिक भूगोल)। राजस्थान प्रकाशन संस्थान बेंगलुरु।
- Jha, D. 2012, भौतिक भूगोल। राजस्थान प्रकाशन संस्थान, बेंगलुरु।
- Sambandam, 2009: भौगोलिक परिस्थितियों के अनुसार। भौगोलिक भूगोल। विश्व भूगोल, बी.बी.सी.एस.
- Sambandam, 2011: भौगोलिक परिस्थितियों के अनुसार। भौगोलिक भूगोल। विश्व भूगोल, बी.बी.सी.एस.
- Sambandam, 2011: भौगोलिक परिस्थितियों के अनुसार। भौगोलिक भूगोल। विश्व भूगोल, बी.बी.सी.एस.
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, livestock 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, scheduled castes and schedule tribes; population problems, study of Bhil, meenakshi and gurjar. Settlement pattern: types of settlements, building materials and house types in Rajasthan with examples, factors affecting settlement.

Recommended Readings:


Chhita, R. & Maheshwari, D. 2001: Geography of Rajasthan. Shabitya Bhawan Publication, Hospital Road, Agra


Nimne, S. 2012: Geography of Rajasthan for B.A. U.G. University of Rajasthan, Jaipur.
Practicals

Scheme of Examination

Min. Pass Marks: 18

Written test
Field Survey and Viva voce
Record and Viva voce

Bifurcation of Marks
24
10+04
08+04

Max. Marks: 40

Time
1 hrs.
2½ hrs.

N.B. 1. There shall be 6 questions in written paper selecting at least two questions from each
section. Candidates are required to attempt 3 questions selecting 1 question from
each section. All questions carry equal marks. 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, hyperbograph and climograph;
climatograph, 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, backspur, col,
meanders and cliff).
Profiles- serial, superimposed, projected and composite.

Section C
Survey: meaning, classification and significance.
Chain and tape surveying: open and closed traverse.

Recommended Readings:

1. इ. म. (2008): प्रौद्योगिक पृष्ठभूमि) अध्याय प्रकाशन, गोरखपुर।
   New Delhi.
6. M. N. (2011): प्रौद्योगिक पृष्ठभूमिक की अर्थव्यूः संशोधन प्रकाशन, गेट्रॉड।

[Signature]

Dy. Registrar
(Advisory)
University of Ranchi
JHARKHAND
STATISTICS

<table>
<thead>
<tr>
<th>Scheme</th>
<th>Duration</th>
<th>Max Marks</th>
<th>Min. Pass Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper- I</td>
<td>3 hrs.</td>
<td>50 65</td>
<td>18 24</td>
</tr>
<tr>
<td>Paper-II</td>
<td>3 hrs.</td>
<td>50 65</td>
<td>18 24</td>
</tr>
<tr>
<td>Practical</td>
<td>3 hrs.</td>
<td>50 70</td>
<td>18 24</td>
</tr>
<tr>
<td>Total</td>
<td>150 200</td>
<td>54 72</td>
<td></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. Categorical & 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.

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).

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.

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.


References

Additional References
Syllabus B.A. Part I


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.
11. Interpolation Problems based on Newton and Langrange's Formulae.
Unit L: Functional Relationship between Two Variables, Polyno-

Paper I: Probability Theory

Note: In each question paper, 10 (Ten) questions will be set having

<table>
<thead>
<tr>
<th>Paper</th>
<th>No of hrs.</th>
<th>Max. Marks</th>
<th>Min. Pass Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper-I</td>
<td>1.5</td>
<td>65</td>
<td>50</td>
</tr>
<tr>
<td>Paper-II</td>
<td>3</td>
<td>65</td>
<td>50</td>
</tr>
<tr>
<td>Paper-III (Practical)</td>
<td>4</td>
<td>70</td>
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</tr>
<tr>
<td>Total</td>
<td>10</td>
<td>200</td>
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</table>

Notes in all taking not more than one from each unit.

(270) From each unit, candidates have to answer five ques-

Applied Statistics

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:

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University of Rajasthan

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 Lagrange's Formulae.
### Scheme of Examination:

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<td>Arts</td>
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<tr>
<td>Science</td>
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<td>54 (Th.36 Pr.18)</td>
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<th>Nomenclature</th>
<th>Duration</th>
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<th>Science</th>
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<tr>
<td>I</td>
<td>Basic Psychological Processes</td>
<td>3 Hrs.</td>
<td>75</td>
<td>50</td>
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<tr>
<td>II</td>
<td>Social Psychology</td>
<td>3 Hrs.</td>
<td>75</td>
<td>50</td>
</tr>
<tr>
<td>III</td>
<td>Practicals</td>
<td>3 Hrs.</td>
<td>50</td>
<td>50</td>
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**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.

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Dy. Registrar (Acad.)

University of Rajasthan
For clarification the distribution of marks is tabulated as below:

### ARTS

<table>
<thead>
<tr>
<th>Section</th>
<th>No. of Questions</th>
<th>Marks</th>
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<tr>
<td>A</td>
<td>10</td>
<td>1.5</td>
<td>15</td>
</tr>
<tr>
<td>B</td>
<td>5 (Out of 7)</td>
<td>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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<td><strong>Total Marks</strong></td>
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<td><strong>75</strong></td>
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### SCIENCE

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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>
</tr>
<tr>
<td></td>
<td><strong>Total Marks</strong></td>
<td></td>
<td><strong>50</strong></td>
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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 शामिलता गतिविधियाँ. नई दिल्ली, मोटीलाल बनर्जी दादासाहेब.
Social Psychology

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 मनोविद्या की स्पर्शां ओलीमाल 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
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prüg
(ख) हिंदी से (बांधकाती भाषा में) अनुवाद——7 अंक
(ग) राजस्थानी कहानियाँ अथवा इतिहास——5 अंक
पाठ्य पुस्तकें:
1. राजस्थानी कहानियाँ—सारंग. प्रवत सारस्वत, प्रेम जी प्रेम : प्रकाशक साहित्य
अकादमी, तीनद्वार भवन, नई दिल्ली। इस पुस्तक में से निम्नलिखित क्रम संख्या वाली 14
कहानियाँ 1, 9, 10, 12, 13, 14, 15, 16, 18, 20, 22, 23 तथा 28।
2. जयपुर की ज्योति, ले. मदनमोहन सिंह (खण्ड एक से तीन) : प्रकाशक श्री
सिद्ध हिंदी प्रचारक कार्यालय जयपुर।
संदर्भ ग्रंथ:
1. आधुनिक राजस्थानी साहित्य : प्रेम रथ और प्रवृत्तियाँ, लेखक डॉ. किरण नाहटा
प्रकाशक चिन्मय प्रकाशन, चौड़ा रास्ता, जयपुर।
2. राजस्थानी गद्य साहित्य : उद्भव और विकास, लेखक डॉ. विभवकुमार अचल,
प्रकाशक : शाहदुल राजस्थानी रिसर्च संस्थान, इंदौरपुर, बीकानेर।
3. राजस्थानी गद्य शैली का विकास : डॉ. रामकुमार गार्दी, प्रकाशक देभनाम प्रकाशन,
जयपुर।
राजस्थानी दूसरौं वर्ष—वर्ष-राजस्थानी काव्य
अंक विभाजन—इस प्रकार प्रश्न में पाँच प्रश्न होंगे।
1. प्रत्येक पुस्तक से एक-एक व्याख्या। कुल तीन व्याख्या। (3×12=36)
2. प्रत्येक पुस्तक से एक-एक आलोचनात्मक प्रश्न।
(कुल तीन प्रश्न) （18+18+16=52）
3. अंतर्मा : वैयक्तिक सण, उपभोक्ता, रूपक, उद्देश्य यथा, हल्लेज।
4. छंद : दूःहो, लोहो, छण्ण, वेदियो।
संदर्भ ग्रंथ:
1. प्राचीन कालों की रूपक परंपरा-सम्प्रदाय अथवा चंद नाहटा, प्रकाशक भारतीय
विश्व मंदिर शोध प्रतिष्ठान, बीकानेर।
2. अन्तर्मा परिचालन—नरोदमदर्श स्वामी।
3. गद्य पुस्तक मीठी रो—पहाडियों के उस्तान, प्रकाशक नागरी प्रचारणी सभा, बाराणसी।
4. राजस्थानी साहित्य—एक परिचय प्रकाशक नवथुग ग्रंथ कूटिया, बीकानेर।

Dy. Registrar (Acad.)
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JAIPUR
Max. Marks 132

Min. Pass Marks 48

Science

College of Agriculture, SIkar only

To be offered by the collegiate students of Shri B.D. Tod.

Sheep and Wool
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, weaning, 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 sheed 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:

Min. Pass Marks-24 Max pass 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.

D. Registrar (Acting)
University of Rajasthan
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 dripping 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.
Husbandry and Livestock Management

Paper-1: Principles of Animal

Marks 68

Min. Pass. Marks 24

4 hrs. duration

Marks 66

3 hrs. duration

Marks 66

3 hrs. duration

Max. Marks 132

Min. Pass. Marks 48

Scheme:

(To be offered by the Collegiate Students of Shri Prayag)

20. Livestock and Dairying
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, Beotai, Marwari.
Sheep—Sonodi, Chokia, Bikaneri, 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 poully.
9. Livestock farm equipment, sanitary requirements, disposal of animal water.
10. Familiarity with common ailments and diseases of farm animals wounds, Navel ill, prolapse of natural and vagina; bloat, impaction, scour phenomena, mastitis, milk fever, Anthrax, FMD; HS, RP, Black quarter, Enterotoximea, piarrhoca. Common external and internal parasites.
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.
4. Common feeds and fodder and their nutritive value, characteristics of ideal ration.
5. Feeding pregnant, lacting animals, breeding bulls and bullocks.
6. Production of different types of grasses and forage, making of hay and silage.
7. Premunition 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.
14. General hints on selection, score card, performance, pedigree and history sheets, culling.
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 insemination.
9. Judging of animals on the basis of score card.
10. Washing dairy utensils, milking of animals.
11. Cleaning 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


Paper- II Anthropology of Cultural Regions in Rajasthan

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 Banarasi Dass, 3 Vol.

वंदेमेहा प्रकाश, 1993, भारत के आदिवासी। उदयपुर, शिया प्रकाशन। डिस्ट्रीब्यूटर्स।
कल्याणी, नन्दलाल, 2000, राजस्थानी लोक साहित्य एवं संस्कृति, जोधपुर, राजस्थानी प्रणाली।
आहुजा दी.आर., 2002, राजस्थान: लोक साहित्य और साहित्य, नई दिल्ली, नेशनल बुक ट्रस्ट, (अनुवादक: वानिशा कुकार जा एवं राजेश कुमार जा)

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**3D 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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<tbody>
<tr>
<td>Paper I</td>
<td>3 hours</td>
<td>50</td>
<td>18</td>
</tr>
<tr>
<td>Paper II</td>
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<td>50</td>
<td>18</td>
</tr>
<tr>
<td>Practical</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paper I</td>
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<td>50</td>
<td>18</td>
</tr>
<tr>
<td>Paper II</td>
<td>4 hours</td>
<td>50</td>
<td>18</td>
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Dy. Registrar (Academic)
University of Rajasthan
JAIPUR.
### Paper - I  Basics of Theatre (Theory)

<table>
<thead>
<tr>
<th>Duration</th>
<th>Max. Marks</th>
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</tr>
</thead>
<tbody>
<tr>
<td>3 Hours</td>
<td>50</td>
<td>18</td>
</tr>
</tbody>
</table>

- **I.** Basic introduction to theatre arts  
  a. Evolution of theatre as an art form  
  b. Development of dramatic art through ages  

- **II.** Influences and Relationship with Other Art Forms  

- **III.** Introduction to different aspects of theatre  
  a. Definition of theatre and drama  
  b. Elements of theatre  
  c. Difference between theatre and drama  

- **IV.** Origin and evolution of Indian Theatre with reference to:  
  a. Pre-Vedic Period  
  b. Post-Vedic Period (up to Natyashastra)  

- **V.** Theatre glossary

**Books Recommended:**  
1. The Indian theatre - Hemendra Nath Das Gupta, Gyan Publishing House, New Delhi  
2. Drishya vinyas - Dr Ravi Chaturvedi, Publication Scheme, Jaipur

### Paper - II  Modern Indian Theatre (Theory)

<table>
<thead>
<tr>
<th>Duration</th>
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</thead>
<tbody>
<tr>
<td>3 Hours</td>
<td>50</td>
<td>18</td>
</tr>
</tbody>
</table>

- **I.** Emergence of Modern Indian Drama  
- **II.** Different phases of modern indian theatre  
  a. Pre-independence theatre  
  b. Indian Freedom Struggle and its impact on theatre  

- **III.** Post-independence theatre  
  A. Growth of Commercial Theatre in India with reference to Parsi Theatre  
  B. Study of important Parsi theatre groups and companies  
  C. Development and fall of Parsi theatre  

- **IV.** People's Theatre Movement  

- **V.** Basic aspects of play analysis

**Books Recommended:**  
1. Bhartiya Rangmanch Ka Udbhav Evam Vikas - Dashrath Ojha  
2. Bhartiya Rangmanch Ka Itihas - Dr. Agyat  
3. Bhartiya Lok Natya Parampara - Dr. Kapila Vatsyayan  
4. Rand Darshan - Nemi Chand Jain
B. A. Part - I (Drama) Practical Examination 2018-19

Applied Theatre Practice

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

I. Practice of 15 Yogie Asanas
II. Practice of Mime and Movement Exercises
III. Practice of Acting Improvisations

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

IV. Production of short plays
V. Acting assignments
VI. Submission of workbook

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(Academic)
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PHYSICAL EDUCATION

A part I 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 at least 36% marks 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
2. Objectives of Olympic, Olympic mascot.
3. Olympic Motto and flag.

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, Rajkumar Amrit Kaur, B.P. De Coubertin, Dr. P.M. Joseph, Shri H.C. Back, 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. Kunkal & Sangeet Saririk Shiksha ke Sudhant va Itihas, Prakash Brothers Ludhiana
8. Venkata, Bhagavati etc. Saririk Shiksha ka Sanman va Vaidhyam, Savvyash Publications Jaipur
FOUNDERATIONS 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 body and psycho-physical unity
4. Learning, Learning theories, Law of learning, transfer of learning
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. Sarvam aksha swasthya evam khelo ki Adhunik Pathyapustak B A. I Kalyani Publication Ludhiana
6. Ajmer Singh etc. Sarvam aksha swasthya evam khelo ki Adhunik Pathyapustak B A. I, II, III Kalyani Publication Ludhiana
7. Sudhindra K. Durand. Sarvam aksha swasthya evam kurukshetra Publishing House, Kurukshetra
8. Krishna D. etc. Sarvam aksha swasthya evam kurukshetra Publishing House, Kurukshetra
9. Manjunath, B.S. Sarvam aksha swasthya evam kurukshetra Publishing House, Kurukshetra
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)

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

Schedule

<table>
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<tr>
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<td>60</td>
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<tr>
<td>2. Practical</td>
<td>80</td>
<td>28</td>
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<tr>
<td>3. Submission</td>
<td>60</td>
<td>22</td>
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<td>72</td>
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</table>

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 (handhej)

2. Soft toys
Syllabus B.A. Part-I

3. Folk paintings.
4. Folk sculptures

Submission Works 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). How ever 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**

**Scheme:**

<table>
<thead>
<tr>
<th>Arts/Commerce</th>
<th>Min. Pass Marks</th>
<th>Max. Marks</th>
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<tbody>
<tr>
<td>Science</td>
<td>72 (Th. 47 Pr. 25)</td>
<td>200</td>
</tr>
<tr>
<td>Paper-I</td>
<td>54 (Th. 36 Pr. 18)</td>
<td>150</td>
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</tbody>
</table>

**Paper-I** 3 hours duration

- Computer Fundamentals
- Arts/Com. 65
- Science 50
- IBM PC
- Operating Systems
- Arts/Com. 65
- Science 50
- Business Data Processing
- Arts/Com. 70
- Science 50

**Paper-III Practical**

- Arts/Com. 70
- Science 50

**Paper 1: 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. ASCII & 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 Main frames, 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.A. Part-I


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.

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