UNIVERSITY OF RAJASTHAN
JAIPUR

SYLLABUS

B.A.- PART- I

EXAMINATION 2016
CONTENTS

SCHEME OF EXAMINATION & DISTRIBUTION OF MARKS

SYLLABUS :

Compulsory Subjects (Four) :
1. सामान्य हिंदी (General Hindi)
2. General English (Essential Language Skills)
3. Environmental Studies
4. Elementary Computer Applications
5. प्राथमिक 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. Livestock and Dairying
29. Anthropology
30. Dramatics
31. Physical Education
32. Indian Heritage in Rural Handicrafts
33. Computer Application
## DISTRIBUTION OF MARKS

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Name of the Subject</th>
<th>No. of Papers</th>
<th>Duration</th>
<th>Max. Marks</th>
<th>Min. Pass Marks</th>
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2. Common papers in the subjects of Statistics, Mathematics, Economics, Geography and Psychology will be set both in the Faculties of Social Sciences and Science. The allocation of marks will however be different as mentioned in the booklet of syllabus.
सामान्य हिन्दी

पृष्ठक 100

समय 3 घंटे

यूनिवर्सिटी जयपुर

राजस्थान विश्वविद्यालय, जयपुर

नोट : 36 से कम अंक अर्जित नहीं किया जा सकेगा। इस प्रश्न-पत्र में प्रायः 30 अंकों को लेने का अनुमान देने के बाद राजस्थान विश्वविद्यालय की जांच के आधार पर किया जाएगा।

अंक विभाजन – प्रश्न पत्र में दो भाग होंगे – 1. साहित्य खण्ड एवं 2. व्याकरण खण्ड। साहित्य खण्ड में दो भाग होंगे– गद्य भाग एवं पद्धति भाग। प्रत्येक भाग के लिए 25 अंक निर्धारित हैं।

50 अंक

क) दो व्याख्या पत्र से (प्रत्येक में विकल्प देना है) 5 x 2 = 10 अंक
ख) दो व्याख्या पत्र से (प्रत्येक में विकल्प देना है) 5 x 2 = 10 अंक
ँ) आलोचनात्मक प्रश्न पत्र से (विकल्प देना है) 7½ x 2 = 15 अंक
घ) आलोचनात्मक प्रश्न पत्र से (विकल्प देना है) 7½ x 2 = 15 अंक

व्याकरण / व्याकरणिक हिन्दी खण्ड

25 अंक

i. निकांक लेखन – शब्द सौंदर्य 300 शब्द 8 अंक
ii. कार्यलयी लेख – साहित्य-अद्वैतकालीन प्रति, पत्रिका, अतिसंपान, कार्यलय शासन, विज्ञान, कार्यालय आदेश। 4 x 2 = 8 अंक
iii. संस्कृतम् (विकल्प देना है) 5 अंक
iv. पतलाव (विकल्प देना है) 4 अंक
v. शब्द निर्मिति की प्रक्रिया – उपसर्ग, प्रत्यय, संधि, समास 5 अंक
vi. वाक्य शुद्धि / शब्द शुद्धि 5 अंक
vii. सूचनावर्ग 5 अंक
viii. पारिसंहिताकालीन शब्दावली 5 अंक
ix. व्याकरणिक कोटियाँ – संज्ञा, सर्पनाम, विषेशण, क्रिया, किरण विशेषण 5 अंक

साहित्य खण्ड : गद्य-पद्धति की विनिर्देशित उत्तरावें

पद्धति भाग – नियमानुसार पाठ निर्धारित है तथा –

1. कहानी : बड़े घर की बेटी (प्रभाव)
2. संस्कृति : प्रणाम (महादेवी वर्मा)
3. दैत्यविद्या : बाईस वर्ष बाद (वनस्पतिदास चौरबी)
4. विज्ञान : शानि सबसे चुंबन शब्द (गुणकार गुप्ते)
5. निकांक : गेहूँ और गुलाब (सापुत्र रणिधर)
6. निकांक : सूचक वेरों का भूमिका (गुणवत्ताकर)
7. निकांक : मंडली को पेय (सरदार पूर्ण सिंह)
8. निकांक : साहित्य की सांस्कृतिक दृष्टि (नवरत्न नाहटा)
9. निकांक : शब्द का तुलच (भासुधेंद्र शर्मा अजय)
10. वाचन : निरुचि हुआ गमत्र (हरिकुमार परसाई)

पद्धति भाग –

1. कहानी– 1. मन २। जागतिक रहित भाई
2. हमारे राम ही से कृषी के से, उत्तर राम सति सोई।
3. कार्ति कों नहीं कहते बाजारन।
4. मन २। हरि पाप, हरि भिक्ष हरि पाप के भाई।
5. है मन भजन के रहस्य

संदर्भ : कहानी ग्रंथावली – महानवमी सीक्षाकाल

2. सूत्रावली : किल्लन काह पुलिस का आवाह
2. पुलिस तक गोयलावली भारत
3. देशी भालू सूत्रावली की अवधार
3. ठुलसीदास
   1. क्यहुंक अंब अवसर पाई
   2. अबली नसानी अब न नसेहै
   3. गोदि मुझ मन बहुत भियोगी
   4. ऐसी को उठार जग माही
   5. गप पारियोऽैं अवसर चीते

संदर्भ : विनय पत्रिका, गीता प्रेस गोरखपुर

4. सीम
   पद
   1. छिटे भाव मोहनलाल की
   2. करत दल नैणनी को उनमानी
   3. धर्म छल नैणनी बसी
   4. बसी कुसंग चाहत कुसल
   5. रहिया अंशु नैन दरि
   6. रहिया आँगे नत रों बैर महती ना प्रीति
   7. रहिया निज मन को विचा
   8. जाज परे कहू और है
   9. वेर खुन खैहसी, खुत्ते बैर प्रीति मदान
   10. दंगुर मौर किसन मन लगये रहे घन मौहि

संदर्भ : सीम प्रमथा, विद्यानिवास मिश्र

5. पदमाकर
   कविता
   1. कुलम में कोलिन में कड़मम में कुजन में
   2. और भांति कुजन में गुजराहिं भीर भीर
   3. पान दिनु कीहै ऐसी भांति गुप्त बेलिन के
   4. जिते तिले पारी और चोथे चोथे पर तोहें सबैथा
   5. या अनुभाग की लखी जडी अगर......
   6. फान के बीर अभिनन में महिंगोविन्द ले गई भीतर गोरे।

6. मंजिलिसुरन गुप्त
   साकेत - अक्षगर्ग से
   कैलक तहतुका
   तदनांत सूरी समा उदभ में आगे ..............
   सी बा ध्वनि वह एक साल की माही।

7. प्रसाद : कन्दगर, श्रीगराम - कहा अष्टभूक ने सन्नते विविधित्वी मानवता हो जाय।

8. पंजा : 1. देवि रत्नेश छन्द 1-13
   2. भारत माता

9. निभाला : 1. भारती जय विजय करे
   2. बादल राग न-1
   3. दलस जन पर करे करण
   4. फिर ना घन घायो।

10. रामचरित सिंह दिनकर -रसमयी-सुंदर सर्ग -अर्तिरंग अंश
    साथ है विभिन्न तंत्र आती है ...... क्या कर सकती धन्यालय है।
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 (10 periods) (20 marks)

I Transcription of Phonetic Symbols (05)
II Word Stress (05)
III Translation of 5 sentences from Hindi to English (05)
IV Translation of 10 Words from Hindi to English (05)

Unit B: Grammar and Usage (10 periods) (20 marks)

I Transformation of Sentences (05)
a. Direct and Indirect Narration
b. Active and Passive Voice
c. Interchange of Degrees of Comparison

II Modals (05)
III Sequence of Tenses (05)
IV Punctuation of a Short Passage with 10 Punctuation Marks (05)

Unit C: Comprehension (30 marks)
(25 periods)

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.

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

Five questions to be answered out of eight questions Two marks each based on 6 units of the prescribed texts

Five questions of 3 marks each to be answered from the given passage: 15 marks
1 Vocabulary question from the given passage (at least 10 words): 5 Marks
Unit D: Compositional Skills (30 marks)
(15 periods)
I Letters-Formal and Informal (10)
II CVs and Job Applications (10)
III Paragraph Writing (10)

Recommended Reading:

4. Judith Leigh. CVs and Job Applications. OUP. 2004
COMPULSORY PAPER OF ENVIRONMENTAL STUDIES

Compulsory in 1 Year for all streams at undergraduate level

Scheme of examination

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

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

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

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

Unit 3: Ecosystems, Concepts, Structure, Functions and Types

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

41
4. **Biodiversity and its conservation**
   - 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-spot 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

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

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
4. ELEMENTARY COMPUTER APPLICATIONS

Theory : Max. Marks 60
Practical : Max. Marks 40
Workload : Four Periods/Three hours per week

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 $\frac{1}{2}$ mark each. The question paper will be of the 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 two hours.

The workload for this paper will now be as follows :
Theory Paper : Four Periods/Three Hours per week.
Practical : Three Periods/Two Hours per week.

Unit-I : Introduction to Computers and Related Terminology
(Basic information only).

(a) Hardware : CPU (Motherboard, Microprocessor, The Intel Pentium III, AMD and Cyrix), MMX Technology, System Clock Address Bus, Data Bus (PCI and EISA) Cache Memory, Processing Speed, Expansion Slots (Video Controller, Sound Cards, SCSI, Network Card), Memory-(Unit, RAM, ROM, EDO RAM, SD RAM), Input and Output Devices(Keyboard, The Standard keyboard Layout), Mouse, Printers (Dot matrix, Ink-Jet, Laser-Jet), Microphone, Speakers, Modem, Scanner, Density, Formatting, Boot Record, FAT, Folder Directory), Hard Disk Drive. CD ROM Drive (CD ROM Speeds), CD-R Drive, DVD Rom Drive, Tape Drive).

(c) Communications and Connectivity: Data Communication systems, Data Transmission (Serial, Parallel, bandwidth, Protocols), E-mail, FAX, Voice and Video massaging, Video Conferencing,
Online Services, user connection (types), Networking of Computers (Node, Client, Serve, LAN, WAN), Using the network, The internet and the Web.

Unit-2: Operating System
(Working knowledge at Common Users Level Only)


Unit-3: Application Software
(Working knowledge at Common Users Level only)


(b) Spreadsheet Program-ME Excel
-Entering data, Labels, Values, Dates, Formulas, Cell references, Formats, Functions, Templates, Charts and Maps, Analyzing data in a spreadsheet.

(c) DBMS-Microsoft Access
-Database, Entering data into the database: Creating Database tables, editing data. Viewing Records, Sorting records. Querying a database, generating reports.

Unit-4: The Internet and Online Resources
(Working knowledge at Common Users Level Only)

1. How the Internet work, Introduction to TCP/IP, IP and DNS address. Features of the Internet (E-mail, News, Telent, FTP, Chart, Channel, WWW, Online Services Bulletin Board Serv-
necting to a PC to the Internet (Setting Dial up and Internet connection Wizard), Overview of Internet Explorer 5 and features therein, use of search engines, surfing, creating and Use of E-mail, Awareness about e-commerce and its advantages.

Practical

Max. Marks 40.

Workload: Four Periods/ Three hours per week.

Course: Practical Training of Course content of Unit 2, 3 and 4 of Theory syllabus.

The Practical examination will be of two hour duration. It will consist of four small exercises testing the working knowledge of followings each carrying a weight as given below:

(1) Course content in Unit 2 of Theory Max. Marks 10
(2) Course content in Unit 3 (a) of Theory Max. Marks 10
(3) Course content in Unit 3 (b) of Theory Max. Marks 10
(4) Course content in Unit 3 (c) of Theory Max. Marks 10
(5) Viva-Voce Examination Max. Marks 10

Candidates are registered to attempt any three exercises out of above maintain four exercises.
वी.ए. प्रथम वर्ष : प्रारम्भिक हिंदी

पृष्ठांक : 100

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

पाठ्यक्रम
1. गद्य संग्रह
2. व्याकरण : शब्द विचार, वाक्य विचार, वाक्य खण्ड, पद शब्द का ज्ञान तथा इनमें होने वाली सामान्य तृतीय का ज्ञान।
3. (क) मुहावरों एवं लोकोक्तियों का प्रयोग, वाक्यों में रिक्त स्थानों की पूर्ति, समान दिखाने वाले शब्दों का अर्थ भेद अर्थवात वाक्यों में प्रयोग
   (ख) पत्र लेखन अपना निष्ठाव

पाठ्य पुस्तकें
1. गद्य—संग्रह—सर्वोच्च गोरख के चिन्ह— ए. हरिकृष्ण देवसरे
2. प्रकाशक—नेशनल पब्लिशिंग हाउस, नई दिल्ली
3. संसाधन कार्यालय
4. संसाधन कार्यालय—संसाधन कार्यालय—संसाधन कार्यालय—ए. अम्बांक सुनाम
5. प्रकाशक— के. मोहन एण्ड कंपनी, आगरा
ENGLISH LITERATURE

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: 10

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.

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

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

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

W. Shakespeare:
- Shall I Compare Thee
- Not Marble, nor the Guided Monuments
- The Marriage of the True Minds

J. Donne: *Goe and Catch a Falling Starre*
R. Herrick: *To Daffodils*
J. Herbert: *Virtue*

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

J. Dryden: *A Song for St. Cecilia's Day*

SECTION B

The following poems compiled by Macmillan for the University of Rajasthan.

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

SECTION C

W. Shakespeare: Merchant of Venice

Recommended Reading:
Hudson: History of English Literature

Paper II: Prose and Fiction

Maximum Marks: 100

Duration: 3 hrs

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
The following Essays from *English Prose Selections* (O.U.P.) ed. Dr. S.S. Deo et al.

J.H. Newman: A Gentleman  
R.L. Stevenson: El Dorado  
B. Russell: Machine and Emotions  
M.K. Gandhi: Fearlessness  
S. Radhakrishnan: Democracy  
H. Belloc: On Educational Reform  
J.L. Nehru: Animals in Prison

**SECTION B**

The following short stories from the collection *Popular Short Stories* ed. By Board of Editors (O.U.P.)

K. Mansfeild: A Cup of Tea  
R. Tagore: Living or Dead  
H.H. Munro (Saki): The Open Window  
R.K. Narayan: The Gateman’s Gift  
E. Hemingway: Old Man at the Bridge  
George Orwell: *Animal Farm*  
R.K. Narayan *Bachelor of Arts*

**SECTION C**

The following units from *English at the Workplace* eds. Sawhney Punja and Verma (Macmillan)

Unit 2: Language and Culture  
Unit 4: Ways of Reading  
Unit 7: Writing with a Purpose  
Unit 9: Talking on the Telephone

Recommended Reading:  
Vandana R. Singh: *The Written Word* (O.U.P.)
3. जायसी — पद श्राद्ध दर्शन खण्ड (जायसी प्रथाकली — रामचरण शुक्ल)

4. सुरदास अमर गीत सार — रामचरण शुक्ल पद संख्या — 8, 15, 21, 31, 36, 41, 52, 64, 65, 116, 130, 237, 316, 375, 400

5. मीराबाई सं नवसंत स्वामी पद संख्या — 1, 3, 4, 5, 10, 11, 12, 14, 15, 16, 20, 23, 28, 31, 32

6. तुलसीदास अयोध्या काण्ड — 127 दोहा से 133 तक (प्रकाशक—गीताधर गोरखपुर)

7. कविताकली 5 पद : राम वन गामन (प्रकाशक—गीताधर गोरखपुर)

8. सरस्वती कुलन 15 लब्ध्या (सब्वेय संख्या — 1, 2, 3, 5, 7, 11, 18, 21, 25, 27, 31, 32, 34, 37, 41) सरस्वती समालोचना — समाप्त : विद्यानिवास निप्पन

9. नंददास शंखर गीत

अंक विवाजन : व्याख्या — कुल चार (एक कवि से एक ही व्याख्या पूरी जाएगी)
आत्मरिक विकल्प देय (4 x 10 = 40) अंक
आत्मनिर्विवादक प्रश्न— कुल चार (4 x 15 = 60) अंक
अंतिम प्रश्न टिप्पणी पर्याय होगा। कुल दो टिप्पणियों 7½ - 7½ अंकों की पूरी जाएगी।
आत्मरिक विकल्प देय होगा।
वि.प्र. प्रथम वर्ष : हिन्दी साहित्य : द्वितीय प्रश्न पत्र
कहानी रेखाचित्र तथा संस्करण

पूर्णक : 100
अवधि : 3 पग्ने

1. कहानी :
चन्द्रकांत शर्मा गुलेशि — बुद्धि का कौटा
प्रेमवंद — पूर्ण की रात
विषविशेष रूप से नीलकंठ — ताई
प्रसाद — पुरस्कार
जोनेन्द्र — पाजेर
शार्मालाल — परदा
उपा सिमंद्रा — नावसी
सांखर रामन — पं. परमेश्वर

2. रेखाचित्र तथा संस्करण :
रेखाचित्र :
सिखून सहाय — महकवि जयसंकर प्रसाद
सेत गोविन्ददास — मकरण ब्लक्स
कालुक वेदीपूरी — रचियां
हजारी प्रसाद हिन्दी — एक कुला और एक मैना
विष्णुकांत शास्त्री — ये है प्रोफेसर शाश्वक

संस्करण :
अज्ञात — स्मृतिकार (राम कुमारदास)
नगदेव — दादा स्व. पं. बालकुमार शर्मा "नीने"
रामनाथ चुट्टीसी — तुलसी स्मृति
समयदेवी वर्मा — निरस्ता भाई

अंक विनाशन : व्याख्या — कुल चारे (एक पृष्ठ से एक ही व्याख्या पूरी जाएगी)
आत्मरिक विकल्प देय (4 x 10 = 40) अंक
आलोचनात्मक प्रश्न— कुल चार (4 x 15 = 60) अंक
अतिम प्रश्न दिखाई पड़ेगा। कुल दो विकल्पों में 7½ - 7½ अंक की पूर्णी जाएगी।
आत्मरिक विकल्प देय होगा।
Syllabus B.A. Part-I

URDU

Paper I: Prose and Drama

Scheme:

Max Marks 100

3 Hrs. Duration

Min. Pass Marks 72

Min. Pass Marks 36

Books Prescribed:
1. Meyare Ada: 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.                          Marks 20
Unit II  Explanation of Two Out of Three Texts.                   Marks 20
Unit III Critical Appreciation of a Prose Writer with Internal Choice
          Marks 20
Unit IV  Critical Appreciation of Prescribed Drama with Internal Choice
          Marks 20
Unit V   Salient Features of Urdu Drama/Technique Or Summary Of A Prose
          Lesson
          Marks 20

Total: Marks 100

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

Paper II: Poetry and Rhetorics

Max Marks 100

3 Hrs. Duration

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

Division of Marks:

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

Total: Marks 100

Note: Attempt at least one question from each unit. All the short answer
      type questions of unit I are compulsory.
Scheme:
Max. Marks 200
3 Hrs. Duration
Min. Pass Marks 72

Books Prescribed:
1. Farsi Wa Dastoor (Pt-I) By Zahra Khan Leri Published by Idara-e-Adabiyat-e-Delhi Only the following lessons at page No. of the book are prescribed:
   3,9,12,13,19,24,28,60,65,85,93,96,113,126,147,150,156,165,188
2. Intekhab-e-Nazm-o-Nasar Farsi Published by Aligarh Muslim University only the following Lessons is Prescribed : Intekhab-e-Gulistan-e-sadi-Hikayat First five only.

Division of Marks:

<table>
<thead>
<tr>
<th>Unit</th>
<th>Description</th>
<th>Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit-1</td>
<td>(A)Ten short answer type questions based on full paper.</td>
<td>10</td>
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<tr>
<td></td>
<td>(B) Explanation of 2 passages out of 3 from the prescribed Text</td>
<td>10</td>
</tr>
<tr>
<td>Unit-2</td>
<td>Translation of 2 passages out of from the prescribed Text</td>
<td>20</td>
</tr>
<tr>
<td>Unit-3</td>
<td>Biographical questions on prescribed writers</td>
<td>20</td>
</tr>
<tr>
<td>Unit-4</td>
<td>Critical questions on prescribed writers</td>
<td>20</td>
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<tr>
<td>Unit-5</td>
<td>Summary of a lesson</td>
<td>20</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>100</td>
</tr>
</tbody>
</table>

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

Books Recommended:
1. Tareekh-e-Adabiyate Iran By Raza Zada Shafaq
2. Sanadeed-e-Ajam By Mehdi Hasan Nasri
3. Tareekh-e-Adab-e-Farsi By Shareef Husain Qasami
4. Sherul Ajam By Shibli Noormani

Note: Choice is to be given in all questions. At least one question from each unit is compulsory.

B.A. Pt-I Paper II

Books Prescribed:
1. Farsi Wa Dastoor (Pt-I) By Zahra Khan Leri (Only the following lessons at page No: 1,34,77,118,132,162,193)
Ghazaliyat Aur Manzomat

1. Ghazaliyat Hafiz First Five (Intehab-e-Nazm-o-Nasar Farsi)

2. Sadi
   (a) Sarmast Agar Darai Ajam Baham Baraid
   (b) Man Chun Tu Badibari Na Deedam
   (c) Ba Khuda Agar Ba Meeram


4. Intehab-e-Nazm-o-Naser Published by Aligarh Muslim University
   - Iqbal
     (i) Khuda
     (ii) Insan
     (iii) Hoor
     (iv) Shayar
     (v) Nawa-e-Mazddor.

5. Jadeed Ilmul balaghat By Abdul Majeed Khan (only the following sanaya):

Division of Marks:

Unit-1  (A) Ten short answer type questions based on full paper.  10
        (B) Extracts two pages out of three from Manzomat  10

Unit-2  Extracts of two pages out of three from Manzomat  20

Unit-3  Biographical/Critical question on Ghazal writer.  20

Unit-4  Biographical/Critical question on Nazm writer.  20

Unit-5  Rhetoric's with definition & examples/Critical questions  20

Total  100

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

Scheme:

Max. Marks 200  Min. Pass Marks 72

Paper I: Prose, Translation and History of Arabic Literature:

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

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

Total Marks: 100

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

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

Paper II: Poetry, Translation Grammar and Composition

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

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

Total Marks: 100

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

Book Recommended for Translation
Darial-ul-Adab Udhhawwai R. Zafar Iqbal.
सामान्य निर्देश –

1. प्रत्येक परीक्षा में दो-दो प्रश्नपत्र होंगे।
2. प्रत्येक प्रश्नपत्र में स्वतंत्रता उत्तीर्णक 36 तथा पूर्णक 100 होंगे और समय 3 घण्टे का होगा।
3. परीक्षा का माध्यम हिंदी/अंग्रेजी होगा परंतु प्रश्नपत्र केवल हिंदी में लिखा जायेगा।
   परीक्षार्थी को छूट होगी कि वह हिंदी, संस्कृत अथवा अंग्रेजी में किसी एक भाषा में उत्तर दे सके। यदि परीक्षार्थी ने किसी प्रश्न विशेष के लिए भाषा का निर्देश नहीं 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 प्रश्न में से अनुवाद, व्याख्या, सरलता एवं समालोचनात्मक प्रश्न पूछे जायेंगे।
6. प्रत्येक प्रश्नपत्र में 10 प्रश्न संस्कृत भाषा में उत्तर के लिये निर्धारित हैं। प्रत्येक प्रश्नपत्र में 15 प्रश्न लघुत्तरात्मक होंगे जिनमें से प्रथम 5 प्रश्नों का उत्तर संस्कृत भाषा के माध्यम से देना होगा, प्रत्येक प्रश्न के लिए 2 अंक निर्धारित हैं। जिस प्रश्नपत्र में संस्कृत अनुवाद/निबन्ध पूछे गए हैं वहाँ संस्कृत में उत्तर अपेक्षित नहीं हैं।

परीक्षा योजना— स्वतंत्र उत्तीर्णक—72
प्रथम प्रश्न—पत्र
पूर्णक—200
अंक—100
द्वितीय प्रश्न—पत्र
अंक—100

प्रथम प्रश्न—पत्र— दृश्य एवं श्रव्य काय्य
समय: 3घण्टे
अंक100
प्रथम प्रश्न में निर्धारित प्रश्न में से लघुत्तरात्मक निबन्धात्मक, अनुवाद ,व्याख्या व समालोचनात्मक प्रश्न पूछे जायेंगे। 15 प्रश्न लघुत्तरात्मक होंगे जिनमें से प्रथम 5 प्रश्नों का
उत्तर संस्कृत भाषा के माध्यम से देना होगा, प्रत्येक प्रश्न के लिए 2 अंक निर्धारित है। जिस प्रश्नमात्र में संस्कृत अनुवाद/ निबन्ध पूछे गए हैं वहाँ संस्कृत में उत्तर अपेक्षित नहीं हैं।

पाठ्यक्रम

1. स्वप्नवासवदनम् (भाषा) 25 अंक
2. नीतिशास्त्रम् (भर्तुहरि) 30 अंक
3. रघुवंशम् प्रथम सर्ग 25 अंक
4. तथा सिद्धान्त कोपुरी अजन्ता प्रकरण—राम, हरि, गुरु, पितृ, समा, भूत, नदी, बग़, ज्ञान, वारि 20 अंक

अंक—विभाजन

<table>
<thead>
<tr>
<th>क्र.-सं.</th>
<th>पुस्तक का नाम</th>
<th>लघूललातक प्रश्न</th>
<th>अंक</th>
<th>निबन्धालमक प्रश्न संख्या</th>
<th>अंक</th>
<th>अंको का योग</th>
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<tr>
<td>1.</td>
<td>स्वप्नवासवदनम्</td>
<td>लघूललातक</td>
<td>06</td>
<td>02</td>
<td>19</td>
<td>6+19=25</td>
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<td>2.</td>
<td>नीतिशास्त्रम्</td>
<td>लघूललातक</td>
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<td>02</td>
<td>24</td>
<td>6+24=30</td>
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<td>3.</td>
<td>रघुवंशम् (प्रथम सर्ग)</td>
<td>लघूललातक</td>
<td>06</td>
<td>02</td>
<td>19</td>
<td>6+19=25</td>
</tr>
<tr>
<td>4.</td>
<td>शब्दरुपं</td>
<td>लघूललातक</td>
<td>12</td>
<td>02</td>
<td>4+4</td>
<td>12+08=20</td>
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<tr>
<td>कुल</td>
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<td>15</td>
<td>30</td>
<td>08</td>
<td>70</td>
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</tbody>
</table>

प्रश्न—पत्र का निर्माण निम्नगृहसार होगा—

1. सभी प्रश्न अनिवार्य हैं।
2. प्रत्येक पुस्तक से लघूललातक व निबन्धालमक, वाक्यालमक प्रश्न पूछे जायेगे। लघूललातक प्रश्न के 2 अंक निर्धारित हैं।
(মিনিয়া হিসেবের বিশ্বাস)
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100.

6. संस्कृत व्याकरण - श्री निवास साहित्यी।

10. धृतराष्ट्र अनुवाद चन्द्रकान्ता - चक्कर हंस नौटियाल

अंक 100

5. निम्नलिखित कृतियों से सम्बन्धित प्रश्न -

1. त्वस्त्र, अन्यथा - तत्त्वज्ञानीयां

2. धृतराष्ट्र अनुवाद - चन्द्रकान्ता

3. संस्कृत व्याकरण - श्री निवास साहित्यी।

4. अन्य व्याकरण - तत्त्वज्ञानीयां

5. धृतराष्ट्र अनुवाद - चन्द्रकान्ता

6. निम्नलिखित कृतियों से सम्बन्धित प्रश्न -

1. धृतराष्ट्र अनुवाद - चन्द्रकान्ता

2. संस्कृत व्याकरण - श्री निवास साहित्यी।

3. अन्य व्याकरण - तत्त्वज्ञानीयां

4. त्वस्त्र, अन्यथा - तत्त्वज्ञानीयां

5. धृतराष्ट्र अनुवाद - चन्द्रकान्ता

6. निम्नलिखित कृतियों से सम्बन्धित प्रश्न -

1. त्वस्त्र, अन्यथा - तत्त्वज्ञानीयां

2. धृतराष्ट्र अनुवाद - चन्द्रकान्ता
<table>
<thead>
<tr>
<th>अक्षर—सिद्धांत</th>
<th>समानकर्त्ता: पूर्वकाले</th>
<th>तत्व—समालोचना पूर्वकाले</th>
<th>तत्व—तुल्यानुपाती सिद्धांत</th>
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<tr>
<td>क्र. प्रश्न का नाम</td>
<td>लघुत्तरात्मक प्रश्न</td>
<td>अंक</td>
<td>निवधात्मक प्रश्न संख्या</td>
</tr>
<tr>
<td>1. भारतीय संस्कृति के तत्त्व</td>
<td>लघुत्तरात्मक 3</td>
<td>06</td>
<td>02</td>
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<td>2. किराताजूनीयम् (प्रथम संग)</td>
<td>लघुत्तरात्मक 4</td>
<td>08</td>
<td>02</td>
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<tr>
<td>3. अनुवाद</td>
<td></td>
<td>01</td>
<td>10</td>
</tr>
<tr>
<td>4. लघुसन्दर्तंकोणितां—संज्ञा, एवं संस्कृती प्रश्न</td>
<td>लघुत्तरात्मक 5</td>
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<td>5. कृति प्रश्न</td>
<td>लघुत्तरात्मक 3</td>
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<td>04</td>
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<tr>
<td>कुल</td>
<td></td>
<td>15</td>
<td>30</td>
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</tbody>
</table>

प्रश्न-पृष्ठ का निर्माण निम्नानुसार होगा—

1. पृष्ठ प्रश्न अनिश्चित हैं।
2. प्रत्येक प्रश्न से लघुत्तरात्मक व निवधात्मक, व्याख्यात्मक प्रश्न पूछे जायेंगे। लघुत्तरात्मक प्रश्न के 2 अंक निर्धारित हैं।

निवधात्मक/ व्याख्यात्मक प्रश्न

भारतीय संस्कृति के तत्त्व

1. प्रश्न सं 1 में दो निवधात्मक प्रश्न पूछकर किसी एक का उत्तर अभिष्ट है। 10 अंक
2. प्रश्न सं 2 में दो विषयों पर टिप्पणी पूछ कर किसी एक का उत्तर अभिष्ट है। 04 अंक

किराताजूनीयम् (प्रथम संग)

1. प्रश्न सं 3 में 4 रूपों के पूछकर उनमें से किसी 2 रूपों की सफलता आवश्यक है। 6+6=12 अंक
2. प्रश्न सं 4 में दो विवेचनात्मक प्रश्न पूछकर किसी एक प्रश्न का उत्तर देय होगा। 5 अंक

अनुवाद

1. प्रश्न सं 5 में 10 वाक्यों में से किसी 5 वाक्यों का संस्कृत में अनुवाद, प्रत्येक
व्याकरण-साधनिद्यान्त कौमुदी

क. संज्ञा प्रक्रिया
प्रश्न सं. 6 में 4 सूत्र पूछकर किन्हीं 2 सूत्रों की सोदाहरण व्याख्या अपेक्षित है।
प्रत्येक व्याख्या के लिये 2 अंक নির্দिष्ट हैं।
04 अंक

ख. अयु संधि-
प्रश्न सं. 7-अ में 4 सूत्र पूछकर किन्हीं 2 सूत्रों की सोदाहरण व्याख्या अपेक्षित है।
प्रत्येक व्याख्या के लिये 2 अंक निर्दिष्ट हैं।
04 अंक

ग. धातु संधि-
प्रश्न सं. 6-अ में 4 सूत्र पूछकर किन्हीं 2 सूत्रों की सोदाहरण व्याख्या अपेक्षित है।
प्रत्येक व्याख्या के लिये 2 अंक निर्दिष्ट हैं।
04 अंक

घ. विसर्ग संधि-
प्रश्न सं. 9-अ में 2 सूत्र पूछकर किसी 1 सूत्र की सोदाहरण व्याख्या अपेक्षित है।
02 अंक

प्रश्न सं. 9-आ में 2 शाब्दिक्षित पूछकर किसी 1 शब्द की सूत्रनिदेश पूर्वक सिद्धि
अपेक्षित है।
03 अंक

प्रश्न में 10 (कुलवाक्योले संबंधित) में चार सूत्र देकर दो की व्याख्या/ चार शब्द देकर
दो शब्दों की सूत्र निदेशपूर्वक सिद्धि अपेक्षित है।
04 अंक

कुल योग- 100 अंक

सहायक पुस्तक- भारतीय संस्कृति

1. भारतीय सांस्कृतिक निधि- डॉ. रामजी उपाध्याय, महामनवपुरी , वाराणसी।
2. भारतीय संस्कृति- श्री रामदेव साहू , स्थाय प्रकाशन चौड़ा राजस्थान, जयपुर।
3. भारतीय संस्कृति- वाई.एस.रमेश-रचना प्रकाशन,जयपुर।
4. भारतीय संस्कृति— डॉ. रामजी उपाध्याय, महाननापुरी, वाराणसी।
5. भारतीय दर्शन— डॉ. वेलदेव उपाध्याय, धोखम्य प्रकाशन, वाराणसी।

किताबार्जीनीयम्
1. किताबार्जीनीयम् (प्रथम संस्करण)— आचार्य नवल किशोर कांकर, विश्व वैभव, भवन, जयपुर।
2. किताबार्जीनीयम् (प्रथम संस्करण)— डॉ. विक्रमचंद शर्मा, आदर्श प्रकाशन, जयपुर।
3. किताबार्जीनीयम् (प्रथम संस्करण)— डॉ. सुरेश येदालंकार, अकालक प्रकाशन, जयपुर।

अनुवाद के लिए
1. संस्कृत रचनानुवाद मंजरी— पं. नंदकुमार शास्त्री, अज्ञेय बुक कंपनी, त्रिपुरा, बाजार, म.प।
2. रचनानुवाद कौमुदी— डॉ. कंपलदेव हवेदी, वाराणसी।
3. रचनानुवादप्रथम— डॉ. श्रीनिवास शास्त्री, कुख्ते।

व्याकरण के लिये
1. लघुसिद्धान्त कौमुदी— डॉ. बसंत जैतली एवं डॉ. राजेश कुमार, जगदीश संस्कृत पुस्तकालय, जयपुर।
2. लघुसिद्धान्त कौमुदी— श्रीमहेश सिंह कुशवाहा, धोखम्य संस्कृत प्रतिष्ठान, दिल्ली।
3. लघुसिद्धान्त कौमुदी— श्री धरानन्द शास्त्री, मोदीलाल चन्द्रसिद्धान्त, दिल्ली।
4. लघुसिद्धान्त कौमुदी— भोगसेन शास्त्री।
5. संस्कृत धार्मिक— श्री निवास शास्त्री।
6. बुद्धद-अनुवाद चन्द्रका— चक्कर हंस नीतिवाल
Scheme: Philosophy
B.A. Part I
Two Papers
Paper I
Paper II
Min. Pass Marks 72
3hrs. Duration
3 hrs. Duration
Max. Marks 200
Max. Marks 100
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. This part will consist of twenty compulsory questions with 2 marks each, and shall be answered in the answer sheet. These questions will cover the whole Syllabus and there will be no unit wise division of the questions.
4. Student is required to answer the question in not more than 40 words. Questions are definitional, informative and descriptive in nature, and are based on the key concepts, distinctions and division underlined in the syllabus. Student must write the question no. or the question to which student is giving answer. Marks will be deducted if question or no. is not written correctly or answer exceeds given word limit.
5. Part II of the question paper will be of 60 marks. Students are asked to attempt three questions in total. Each question is of 20 marks. These questions are essay type questions and are explanatory, comparative in nature.
6. If syllabus (course contents) of 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. If Syllabus (course Contents) of a paper is divided into three units i.e. Unit A. B. & C then six questions will be asked in total: two question from each Unit. Students will be required to attempt three questions in total and attempt one question from each Unit.
Unit A:
Teaching Hrs.: 32

<table>
<thead>
<tr>
<th>Topics</th>
<th>Division of teaching hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Nature of Indian philosophy: plurality as well as common concern.</td>
<td>5</td>
</tr>
<tr>
<td>2. Basic concepts of the Vedic and the Upanisadic worldview:</td>
<td>5</td>
</tr>
<tr>
<td>- Rta (the cosmic order); the divine and the human realms; the</td>
<td></td>
</tr>
<tr>
<td>centrality of the institution of yajna (sacrifice); Rna</td>
<td></td>
</tr>
<tr>
<td>(duty/obligation).</td>
<td></td>
</tr>
<tr>
<td>3. Carvaka school: its epistemology, metaphysics and ethics.</td>
<td>5</td>
</tr>
<tr>
<td>4. Jainism: Concepts of sat, dravya, guna, paryaya, jiva, ajiva;</td>
<td>8</td>
</tr>
<tr>
<td>anekantavada, syadvada and nayavada; pramanas; ahimsa; bondage and</td>
<td></td>
</tr>
<tr>
<td>liberation.</td>
<td></td>
</tr>
<tr>
<td>5. Buddhism; theory of pramanas. Theory of dependent origination;</td>
<td>9</td>
</tr>
<tr>
<td>the Four Noble Truths; doctrine of momentariness; theory of No-Soul.</td>
<td></td>
</tr>
<tr>
<td>The interpretation of these theories in schools of Buddhism: Vaibh</td>
<td></td>
</tr>
<tr>
<td>asika, Sautrantika, Yogacara, Madhyamika.</td>
<td></td>
</tr>
</tbody>
</table>

Unit B:
Teaching Hrs.: 35

| 1. Nyaya: theory of pramanas; the individual self and its liberation;  | 10                        |
|   the idea of God and proofs for his existence.                      |                           |
| 2. Vaisesika: adharmas: dravya, guna, karma, samanya, sama; vaya,     |                           |
|   vaisesa, abhava; causation; asatkaryavada; karma;                   |                           |
|   samavayi, asamavayi, nimitta; parameterudva; adista;               |                           |
| 3. Sankhya: causation; satkaryavada; prakrti: its constituents;      | 10                        |
|   nature, evolves and arguments for its existence; purusa: nature    |                           |
|   arguments for its existence; plurality of purusas; relationship    |                           |
|   between prakrti and purusa; kaivalya; atheism.                     |                           |
| 4. Yoga: citta and citta-vrtti; eightfold path, God.                 | 7                         |

Unit C:
Teaching Hrs.: 23

| 1. Purva Mimansa: Theory of Knowledge theory of self.                 | 6                         |
| 2. Advaita: nirguna Brahman; adhyasa; of levels vivartava; maya;      | 9                         |
|   three grades of satta; jiva; jivan mukti.                          |                           |
| 3. Visishtadvaita: saguna Brahman; refutation of maya; parinama-      |                           |
|   vada; aprthaksiddhi; jiva; bhakti and prapatti; rejection of        |                           |
|   jivanmukti.                                                        |                           |

Suggested Readings:

M. Hiriyana: Outlines of Indian Philosophy (Hindi translation available)
Syllabus B.A. Part-I

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)

Datta & Chatterjee : Introduction to Indian Philosophy (Hindi translation available)

R. Puligandla : Fundamentals of Indian Philosophy

Daya Krishna : Indian Philosophy : A New Approach, Indian Book Centre, Delhi

संगम ताल पाण्डे : भारतीय दर्शन का संविश्लेषण, सेंट्रल पब्लिस्टिक हाउस, इलाहाबाद

द्वारकेश्वर : भारतीय दर्शन, रावत पब्लिशिंग, जयपुर

Paper II : History of Western Philosophy
(Total Teaching Hrs.: 90)

Unit A:
Teaching Hrs.: 25

<table>
<thead>
<tr>
<th>Topics</th>
<th>Divisions of Teaching</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Introduction : Early Greek Philosophy</td>
<td>9</td>
</tr>
<tr>
<td>Plato : theory of knowledge; knowledge</td>
<td>8</td>
</tr>
<tr>
<td>(episteme) and opinion (doxa); theory of</td>
<td></td>
</tr>
<tr>
<td>Forms; soul; Idea of the Good.</td>
<td></td>
</tr>
<tr>
<td>3. Aristotle : critique of Plato’s theory</td>
<td>8</td>
</tr>
<tr>
<td>of Forms; theory of causation; form and</td>
<td></td>
</tr>
<tr>
<td>matter; potentiality and actuality; soul;</td>
<td></td>
</tr>
<tr>
<td>God.</td>
<td></td>
</tr>
</tbody>
</table>

Unit B:
Teaching Hrs.: 30

1. St. Thomas Aquinas : faith and reason; essence and existence; proofs for the existence of God. 6

2. Descartes : method and the need for method in philosophy; method of doubt; cogito ergo sum, types of ideas; mind and matter; mind-body interactionism; God : nature and proofs
for His existence.

3. Spinoza: substance, attributes and modes; the concept of 'God or Nature'; pantheism, mind-body problem.

4. Leibniz: monadology; doctrine of pre-established harmony; truths of reason and truths of fact; innateness of all ideas; principles of non-contradiction, sufficient reason and identity of the indiscernibles; God nature and proofs for His existence.

Unit C:
Teaching Hrs.: 35

1. Locke: ideas and their classification; refutation of innate ideas; knowledge and its kinds; 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. Subjective idealism.

3. Hume: impressions and ideas; judgments concerning relations of ideas and judgements concerning matters of fact; causality; external world, self and personal identity; rejection of meta physics; scepticism.

4. Kant: conception of critical philosophy; classification of judgements; analytic, synthetic, a priori, a posterior; possibility of synthetic a priori judgements; the forms of sensibility; categories of the understanding; the metaphysical and the transcendental deduction of categories, schematism of the categories; phenomena and noumena.

Suggested Readings:

W.T. Stace: A Critical History of Greek Philosophy
J.S. Srivastava: 1. ग्रीक दर्शन का वैज्ञानिक इतिहास, निचात महत, इलाहाबाद
2. मध्ययुगीन दर्शन का इतिहास, निचात महत, इलाहाबाद
3. आधुनिक दर्शन का इतिहास, निचात महत, इलाहाबाद

याकूब पसीह: पारसावत दर्शन का समीक्षात्मक अध्ययन, मोहतातल बनासाइवा, दिल्ली। (English Translation available)

दयाकृष्ण: पारसावत दर्शन का इतिहास (संक्षेप), हिन्दी ग्रंथ अकादमी, जबूतुर

F. Thilly: History of Western Philosophy.
The scheme of examination will be as follows:

Scheme:

Maximum Marks 200

Paper I
3 hrs. Duration
Marks 100

Paper II
3 hrs. Duration
Marks 100

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

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

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

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

परीक्षा योजना:

अधिकारम अंक 200

द्वितीय प्रश्नमात्र समय 3 घंटे अंक 100

एकादश प्रश्नमात्र समय 3 घंटे अंक 100

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

प्रत्येक प्रश्नमात्र 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 अतिपुस्तकाल्प प्रश्न होंगे। प्रत्येक उत्तर की शब्द सीमा 20 शब्द।

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

प्रश्नमात्र के द्वितीय भाग में, पाठ्यक्रम के तीन खण्डों में से, प्रत्येक खण्ड से दो—दो प्रश्नों का चयन करते हुए, कुल 06 निबंधाल्प प्रश्न होंगे। प्रत्येक प्रश्न 20 अंकों का होगा। परीक्षाधिकारियों को प्रत्येक खण्ड में से कम से कम एक प्रश्न का चयन करने हुए कुल 03 प्रश्न हल करने होंगे। प्रश्नमात्र का यह भाग 60 अंकों का होगा।
Section - A


Section - B


Section - C

प्रथम प्रश्नपत्र : भारत का इतिहास (आरसू ते 1200 ईस्वी तक)

खण्ड — क

1200 ईस्वी तक भारत के इतिहास के मुख्य स्रोत। भारत की प्रागैतिहासिक संस्कृतियों का संक्षिप्त सर्वेक्षण। शिस्ता-सरस्वती संस्कृति — उदयगिरि, विशाखा, गुजरात विशेषतः, जल्दी एवं निरस्त्रल। वैदिक युग — वैदिक साहित्य, राजसभा, समेत, अर्थव्यवस्था एवं धर्म। भारत की त्रिधर्मीन संस्कृतियों का संक्षिप्त सर्वेक्षण। तामिल-नाडु एवं महाराष्ट्र-प्रदेश का उदय — राजस्थान एवं गणतंत्र। नंद एवं चौधरी राजा का उल्लेख। जैन धर्म एवं बौद्ध धर्म — उदय, जिन्दगी, मोर्चा।

खण्ड — ख

शीर्ष साहित्य— मुख्य स्रोत। चन्द्रगुप्त मौर्य एवं अशोक। अशोक का धर्म — इसकी प्रकृति एवं प्रयास। मौर्यकालीन राज्य एवं प्रशासन, समाज एवं अर्थव्यवस्था, कला एवं साहित्य। मौर्य का राज्य। मौर्यवाद काल (लगभग 200 ईस्वी) — सिंहासन, सातवाहनों, शासकों एवं क्षेत्रों की उपस्थितियाँ। मौर्यवाद काल में सामाजिक, धार्मिक एवं आर्थिक जीवन, तथा साहित्य एवं कलाओं का विकास। समय गुरू — साहित्य, समाज, अर्थव्यवस्था एवं संस्कृति।

खण्ड — ग

गुप्त साम्राज्य — समुद्रगुप्त, चन्द्रगुप्त द्वितीय विकासदिका, स्वदेशगुप्त की उपस्थितियाँ। राज्य एवं प्रशासनिक संस्करण। सामाजिक एवं आर्थिक जीवन। धार्मिक वैभव एवं निरंतर। साहित्य, कला एवं विशाल का विकास। 750 ईस्वी तक गुप्तवास काल — अंतर्गत, चन्द्रगुप्त एवं गुप्तवास की उपस्थितियाँ। वि-राजधानी संस्करण। साम्राज्यवादी धर्म एवं उनकी उपस्थितियाँ। 750 से 1200 ईस्वी के काल में सामाजिक एवं आर्थिक परिवर्तनों का अध्ययन तथा सांस्कृतिक जीवन का संक्षिप्त सर्वेक्षण।

Books Recommended (अनुसारित पुस्तकें):

- H. D. Sankalia : Prehistory of India, Murtshiram Manoharal, New Delhi, 1977
- R.K. Mockeri : Chandragupta Maurya and His Times, Delhi, 1952 (also in Hindi)
- : Asoka, Delhi, 1972 (also in Hindi)
- B. N. Puri : India under the Kushanas, Bombay, 1965
PAPER II: HISTORY OF RAJASTHAN (FROM EARLIEST TIMES TO 1956 A.D.)

Section - A

Section - B


Section - C


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

खण्ड - ए

राजस्थान का इतिहास के सोलच का सर्वेक्षण। राजस्थान में पुरातात्विकालीन एवं मध्यप्राचीनकालीन संस्कृतियों। तापुप्राचीनिक एवं ताम्रगृही संस्कृतियों का विस्तार एवं विविधताएं (आहार, गावाद, गणंग्र)। कलाशंका संस्कृति की विशेषता। राजस्थान में मटक जनपद एवं गणवातीक जातियाँ। राजपूता का उदय। गुर्जर, गुर्जर-प्रतिहारों एवं वाहिनियों का उदय एवं विस्तार।

खण्ड - उ

राजस्थान में सुरिया आक्रमण का सज़ोत्त प्रतिष्ठाप। महाराजा कुमार एवं सांगो के अवंति में। महाराजा श्रीकर्म का स्वतंत्रता के लिए साहस। स्वतंत्र में लिए जनसंग्रह के प्रयास। सामाजिक उन्मुक्ति का योगदान। राजस्थान में समाज एवं संस्कृति की मुद्दा विवेचना का सफल सर्वेक्षण (1200-1750 ईस्वी)। नीति एवं दादा। कला एवं स्थापत्य - पुरातन स्थापत्य, मंदिर।

खण्ड - ग

राजस्थान में नरता आक्रमण एवं उनका प्रभाव। ब्रिटिश प्रभुत्व का स्थापना एवं इसके परिणाम। 1818 ईस्वी से प्रथम प्रशासनिक एवं धार्मिक परिवर्तन। सामाजिक परिवर्तन - कृषि-शिक्षा का बड़ा सतीर पर प्रतीक्षा। धार्मिक परिवर्तन - मू स्वातंत्र्य संकट। नर्मक एवं अक्रिय स्वायत्त पर ब्रिटिश एकाधिकार।

राजस्थान में 1857 का हिंसन। राजस्थान में आर्थिक समाज का प्रभाव। कृषि आयोजनों एवं जनजातीय आदोनों का एक सफल सर्वेक्षण। राजस्थान में प्रजामंडलों का गठन एवं साझीनता संघर्ष। राजस्थान के सज्जों का एकोर्ण।
Recommended

Dasharath Sharma: Rajasthan through the Ages, Vol. I, Bikaner, 1966
: Early Chauhan Dynasties, Delhi, 1975
G. N. Sharma: Rajasthan through the Ages, Vol. II
: Mewar and the Mughal Emperors
: Social Life in Medieval Rajasthan
M. S. Jain: Rajasthan through the Ages, Vol. III
: Surplus to Subsistence, Delhi, 1994
: Concise History of Modern Rajasthan
D.C. Shukla: Early History of Rajasthan, Delhi, 1978
B. N. Puri: The History of the Gurjars Pratiharas, Delhi, 1975
Shanta Rani Sharma: Society and Culture in Rajasthan c. A.D. 700-900, Delhi, 1996
V.S. Bhatnagar: Life & Times of Sawai Jai Singh (also in Hindi)
V. N. Misra: Rajasthan: Prehistoric and Early Historic Foundations,
H. D. Sankalia et al: Excavations at Ahar (Tambavati), 1961-62, Deccan College,
: Poona, 1969

गोपीनाथ राम्म: राजस्थान का इतिहास, आगरा
: राजस्थान का सांस्कृतिक इतिहास, राजस्थान हिंदी ग्रंथ
: अकादमी, जयपुर
: राजस्थान के इतिहास के ज़रूर, राजस्थान हिंदी ग्रंथ अकादमी, जयपुर

विधुधानद गड़के
: उत्तर गर्ला का राजनीतिक इतिहास, लखनऊ
: आधुनिक राजस्थान का इतिहास, जयपुर

प्रमोद साह यास
: आधुनिक राजस्थान का इतिहास, खंड 1 एवं खंड 11,
: राजस्थान हिंदी ग्रंथ अकादमी, जयपुर

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प्रश्न पत्र- पत्र राजनीति विज्ञान के मूल आधार

खण्ड ‘क’
राजनीति विज्ञान: परस्परागत और आबंधित दृष्टिकोण, व्यवस्थापन व उत्तर व्यवस्थापन, अन्तः अनुप्रासमालक दृष्टिकोण, राजनीति विज्ञान का अन्य समाज विज्ञानों से संबंध, अक्षरांगरांगे: शक्ति, सत्ता व वैधता।

खण्ड ‘ख’
राजनीतिक व्यवस्था, राजनीतिक आबंधितक्रमण, राजनीतिक विकास, लोकतंत्र, निर्बंधितक्रमण, राजनीतिक दल व दलबदल स्थान, प्रतिनिधित्व के सिद्धांत, विधि का शासन व संविधानवाद, शासन के अंत व उसके कार्य (आबंधित दृष्टिकोण के विनियम संसर्ग में)।

खण्ड ‘ग’
राजनीतिक विवादास्पदां: उदारवाद, प्रत्यरोधवाद, नारकवाद, लोकतांत्रिक समाजवाद, अराजकतावाद व नारायणवाद।
Paper-I: Foundations of Political Science

Section-‘A’

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

Section-‘B’

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

Section-‘C’

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

Books recommended:-

Asirvatham: Political theory (Hindi and English editions)
Mae Iwer: The Modern State
Appadorai: Substance of Politics (Hindi and English editions)
S.B Dubey: Rajnitishstra Ke Sidhant
V.K. Arora: Rajniti Vigyan (Gadodia Pustak Bhandar, Bikaner)
J.C Johri: Principles of Political science
Chandradev Prasad: Political ideas

हिंदी प्रश्न -प्रश्न प्रतिनिधि भारतीय राजनीतिक विचारक

खण्ड क’

मनु, कौटिल्य व शुक्र।

खण्ड ख’

राजा राममोहन राय, स्वामी दयानंद सरस्वती, गोपाल कृष्ण गोकुले व वाल गंगाबाबा तिलक, स्वामी विवेकानन्द।
Paper- II: Representative Indian Political Thinkers

Section- A

Manu, Kautiya, Shukra.

Section- B


Section- C


Books recommended:

Awasthi and Awasthi: Pratinidhi Bhartiya Rajnitik Chintan
V.P. Verma: Aadhunik Bhartiya Rajnitik Avam Samajik Chintan
Purshotam Nagar: Aadhunik Bhartiya Chintan.
Vishnud Bhagavan: Pratik Bhartiya Rajnitik Vicharak (Adarch Prakshan, Chaura Rasata, Jaipur)
N.P. Verma: Indian Political Thought Vol. I&II
J.P. Sood: Main Currents of Indian Political Thought.

Pragnati bharat in rajnitik vikas v aur samaydaar

Prasthithi: pragati bhartiya jana Rajnitik vikas (in hindi and angrez)

Akshar aur Akshar: pragati bhartiya rajnitik vikas

Abdha ek aur Abdha: bhartiya rajnitik vikas

Pundarik shram chauri: pragati bhartiya rajnitik vikas
INDIAN MUSIC

B.A. PART I

Scheme:

Number of Student –

➢ Max.- 15
➢ Min. – 04

Paper I 3 hrs. duration Max.Marks 40 Min. Marks 15
Paper II 3 hrs. duration Max.Marks 40 Min. Marks 15
Practical Max. Marks 120 Min. Marks 43

Teaching Hours

Practical

6 Hours Per Week

Theory

Paper -I 2 Hours Per Week
Paper -II 2 Hours Per Week

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

Note: Each theory paper will contain nine questions having three question in each section. Candidates are required to attempt five questions in all selecting 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. Definition and explanations of the Following: Naad, Shruti, Swar Saptak, That, Raga, Mukhra, Sthai, Antara, Vadi, Samvadi, Anuvadi, Vivadi, Taal, Laya, Matra, Sam, Khali, Avartan, Theka, Alap, Taan, Bol-alap, Bol-taan, Sargam. (Tihai, Maseetkhani Gat and Rajakhani Gat)

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

Section — B

3. Important and Basic rules regarding Hindustani Music.

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

Section — C

5. Classification of Indian instrument.

6. Notation writing of Composition Gats in the prescribed Ragas.
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.
Practical (Vocal and Instrumental)

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

Duration of Exam. : 1 hour per candidate.

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

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**Instrumental Music**

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

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

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

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

8. To play a dhun in any Raga.

**Books Recommended:**

1. A Short Historical Survey of the Music of Northern India by Pt. V.N. Bhatkhande.
2. संगीत के जीवन 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 (Uttararadh) by Raja Bhaya Poonchwale.
9. Hindustani Music : Its Physics and Aesthetics by G.S. Ranade,
   Sangeet Karyalaya, Hathras.
13. Hindustani Sangeet Paddyati (Shastra) by Pt. Bhatkhande
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Note: Each paper shall consist of two parts.

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

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

Section A

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

Section C

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

Section - A

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

Section - B


Section - C

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

Books Recommended :

1. S.R. Maheshwari : Indian Administration.
2. P. Sharan : Public Administration in India.
3. Ramesh Arora & Rajni Goyal : Indian Public Administration.
4. Avasthi & Avasthi : Indian Administration.
6. भी.एल. कद्विया : भारत में लोक प्रशासन
7. भी.डी. शर्मा एवं भी.एम. शर्मा : भारतीय प्रशासन
8. रविदास शर्मा : भारत में लोक प्रशासन
9. श्रीरंग कटारिया : भारत में लोक प्रशासन
10. एस.आर. महेशकर्मी : भारतीय प्रशासन
प्रश्न पत्र - 1: लोक प्रशासन के तत्व

प्रथम खण्ड

लोक प्रशासन का अर्थ, प्रकृति व क्षेत्र, आह्वानिक समाज में लोक प्रशासन का महत्व, लोक व निजी प्रशासन, लोक प्रशासन के अध्ययन का विकास, लोक प्रशासन एवं सामाजिक विज्ञान के रूप में तथा लोक प्रशासन का अर्थ सामाजिक विज्ञानों — सामाजिक विज्ञान, अर्थशास्त्र, समाजशास्त्र, कानून व मनोविज्ञान से सम्बन्ध, लोक प्रशासन के अध्ययन के उपाय—शारीरिक एवं मानवीय।

द्वितीय खण्ड

संगठन — अर्थ, औपचारिक एवं अनौपचारिक संगठन, संगठन के विकास — पदस्थापन, संघर्ष की एकता, नियंत्रण का क्षेत्र, समन्वय, केंद्रीयकरण, विकेंद्रीकरण, सत्ता एवं उत्तरदायित्व।

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Jaipur
द्वितीय पत्र — भारत में लोक प्रशासन

प्रथम खण्ड

भारतीय प्रशासन की ऐतिहासिक पृथ्वीमूर्ति — ब्रिटिश काल के प्रमाणों के विशेष सन्दर्भ में, भारतीय प्रशासन की मुख्य विशेषताएँ, हिन्दी कार्यालयात्मक : राज्यपति, प्रधानमंत्री एवं मंत्रिपरिसर, केन्द्रीय सचिवालय, मंत्रिमण्डल सभितात्मक।

द्वितीय खण्ड

गृह मंत्रालय, कार्यिक पेशेवर एवं लोक शिक्षायत मंत्रालय का संगठन व वक्यकरण, लोक उद्यमों के प्रमुख प्रकार : विभाग, तिथिग एवं कंपनी प्रशासनी, लोक उद्यमों की संसदीय समिति, वित्तीय प्रशासन : वज्रत का नियोजन, वज्रत का संसद में समन्वय एवं वज्रत का क्रियान्वयन, नियंत्रक एवं महासचिव परीक्षा, लोक लेखा समिति, अनुमोदन समिति।

तृतीय खण्ड

कार्यिक प्रशासन : भारतीय लोक सेवकों का वर्गीकरण, अधिकार भारतीय सेवकों में भारी एवं प्रश्नक, प्रशासन पर नियंत्रण : विभागीय, कार्यालयात्मक व न्यायिक संबंध, प्रशासनिक सचिवालय, लोक परिवेशनों का नियंत्रण, प्रशासनिक संबंध, कार्यिक प्रशासन एवं प्रशासन के विशेष संदर्भ में प्रथम प्रशासनिक सुधार आयोग एवं द्वितीय प्रशासनिक सुधार आयोग का तुलनात्मक अध्ययन।

अनुशंसित पुस्तकें :
1. एसआर. माहेशरर : भारतीय प्रशासन
2. शी. शरण : पत्रिका एडमिनिस्ट्रेशन इन इंडिया
3. रेड अवेस्ट एण्ड रजनी गोवळ : इंडियन पत्रिका एडमिनिस्ट्रेशन
4. अरवणी एण्ड अरकारी : भारतीय प्रशासन
5. राजनाथ सिंह एवं पार्दप सहदेव : भारतीय प्रशासन
6. शी.एल. फिडिया : भारत में लोक प्रशासन
7. शी.पी. शर्मा एण्ड शी.एम. शर्मा : भारतीय प्रशासन
8. रविंद्र सरला : भारत में लोक प्रशासन
9. सुरेंद्र कुमारिया : भारत में लोक प्रशासन
10. एसआर. माहेशरर : भारतीय प्रशासन

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Jaipur

[Signature]
**SCHEME:**

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<tr>
<td>Fundamentals of Arts</td>
<td>3 hrs.</td>
<td>90</td>
<td>32½</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>32½</td>
</tr>
<tr>
<td>Part B- Creative Design</td>
<td>4 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><strong>200</strong></td>
<td></td>
<td><strong>72</strong></td>
</tr>
</tbody>
</table>

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

**Section – A**
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.

**Section – C**

**Books Recommended:**
2. Bhartiya Murtikala by Rai Krishna Das.
5. Studies in Indian Art by V.S. Agarwal.
7. Roop Prad Kala Ke Mooladhar by Shri Kunwar Sharma, R.A. Agrawal.
10. Learning with Colour by the meaning and magic of art.
11. Basic Design by the Dynamics of Visual Form Haurdee de Samanary.
Paper - II Practical
Part-A

Medium water colour

Study from Objects

size ¼ imp.

3 hrs. duration

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

Part-B

Creative design

Medium any medium

size ¼ imp.

3 hrs. duration

Two dimensional design should be made giving stress on stylisation, colour-scheme and texture etc.

Practical paper shall have two sessions of three hours each excluding break of one hour.

Submission of practical work Max. Marks 20 Min. Pass Marks 7

(a) 3 plates of pencil shading and 5 plates of study from objects with water colour.
(b) 8 plates of creative design.
(c) A sketch book of not less than 50 sketches.

Note: Submission of work will be submitted to the Head of the Department of Drawing and Painting of the College fifteen days before the commencement of examination. The marks in the submission will be awarded by the subject teacher (internal). However, the external examiner shall be empowered to review the work of the submission in case there is a drastic difference between the marks of the examination and submission.

Submission work will be retained till the declaration of the result and returned to the Candidate by the Department thereafter. If no claim is made within two months of the declaration of the result, the submission will be destroyed.

Note:
(a) Candidate should pass in theory as well as in practical paper separately.
(b) There should be minimum 10 hours for the regular study including two hours for sketching.
(c) Minimum three demonstrations should be arranged by the subject expert during the session for each practical paper.
(d) The Department should also arrange for an Educational tour to Ancient Art centres like Ajanta, Ellora, Elephanta, Khajuraho, Mahaballipuram etc. once a year.
(e) Practical examination will be conducted at the centres and the practical work will be examined like the practical paper of Music or Home Science which means that an external examiner will examine the answer books in consultation with and internal examiner who is the subject teacher of the Department of Drawing and Painting. University may centralize the practical examinations at few well equipped Departments to hold examination economically.
SOCILOGY

Scheme:

<table>
<thead>
<tr>
<th>Min. Pass Marks</th>
<th>Max. Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>72</td>
<td>200</td>
</tr>
</tbody>
</table>

Paper-I

<table>
<thead>
<tr>
<th>3 hrs. duration</th>
<th>Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>100</td>
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</tbody>
</table>

Paper-II

<table>
<thead>
<tr>
<th>3 hrs. duration</th>
<th>Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>100</td>
</tr>
</tbody>
</table>

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

Part-II, of the question paper shall be divided into three sections comprising 6 essay type questions of 20 marks each. Candidates will be required to attempt 3 questions selecting one question from each section. This part of the question paper shall be of 60 marks.
Paper I: 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):
Essential Readings: (in Hindi):
1. सिंह, नरेन्द्र कुमार एवं गोष्ठामी, वधुराकर, 2007, समाजशास्त्र विवेचन, जयपुर : राजस्थान हिंदी प्रेस अकादमी
2. आहुजा, राम एवं आहुजा, मुकेश, 2008, समाजशास्त्र विवेचना एवं परिप्रेक्ष्य, जयपुर: सावत प्रकाशन्स
3. दोषी, एस. एल. एवं जेन पी. सी., 2006, समाजशास्त्र नई दिशाएँ, जयपुर : सावत प्रकाशन्स
4. सिंह, जे. पी., 2008, समाजशास्त्र : अवांशिक एवं सिद्धांत, नई दिल्ली : प्रेंटिस हाल ऑफ इंडिया प्राइवेट लिमिटेड
5. सिंह, जे. पी., 2008, आधुनिक भारत में सामाजिक परिवर्तन, नई दिल्ली : प्रेंटिस हाल ऑफ इंडिया प्राइवेट लिमिटेड
6. मैकिन्से, बायर एम. एवं पेंज चार्ल्स एच., 1992 : समाज (एक परिनत्वक विश्लेषण), आमरा : रतन प्रकाशन मंदिर (अनुवादक जी. विश्वेषकर एवं सामाजिक सिंह गोड़)
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. आहूजा, राम, 2009, भारतीय सामाजिक व्यवस्था, जयपुर: रावत पब्लिकेशन्स
2. दोमी, एस. एल. 2009, भारतीय सामाजिक विचारक, जयपुर: रावत पब्लिकेशन्स
3. शर्मा, के. एल., 2006, भारतीय सामाजिक संरचना एवं परिवर्तन, जयपुर: रावत
   पब्लिकेशन्स
4. दोमी, एस. एल. एवं जैन पी. सी., 2002, भारतीय समाज, जयपुर: नेशनल पब्लिशिंग
   हाउस
5. पटेल, तुलसी, 2011, भारत में परिवार: संरचना एवं व्यवहार, जयपुर: रावत पब्लिकेशन्स
6. जैन, शोभिता, 2006, भारत में परिवार: विवाह और नातेदारी, जयपुर: रावत पब्लिकेशन्स
Scheme of examination: two written papers of 75 mark each & one viva-voce of 50 marks. A candidate has to secure 36% marks in individual papers to declare her/him pass.

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

**PAPER - I: GRAMMAR**

(a) Two Comprehension passages from the prescribed text

[25 marks each] examiners are expected to formulate

Questions on the passages as follows:

1a) True or false sentences 5 marks

1b) Examiners should select five words/verbs from the Text and ask the candidates to make five grammatically correct sentences with the help of those words 10 marks

1c) Fill in the blanks using words from the text 5 marks

(b) Write a short paragraph of about 10 to 15 sentences on any one of the following five themes

Topics for the paragraph writing should be:

i) Portrait of a friend 25 marks

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**

50 marks

**Teaching Material / Books:**

1. Echo I
2. Méthode de Français – Editions maison des langues
3. One Compact Disc Level-1 to go with the method

**Reference Books:**

1. Synchronie-I
2. Larousse compact Dictionary: French-English/English-French
3. Conjugaison - Le Robert & Nathan

4. Larousse French Grammar
5. Grammaire Collection "Le Nouvel Entraineur" level débutant

[Signature]
SYLLABUS FOR THE FIRST YEAR B.A. IN GERMAN

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

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

PAPER - I GRAMMAR 75

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

PAPER SECOND MAX. MARKS 75 DURATION TWO HOURS

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


(d) Paragraph writing
Candidates will be required to write one paragraph of about 10 to 15 sentences on one of the below given topics. Examiner to give five topics in the paper.

[Signature]
Asstt. Registrar (Acad I)
University of Rajasthan
Jaipur
(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, Isnaing, 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

Authorized Registrar (Acad. I)
University of Rajanibag
Jaipur
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><strong>Total</strong></td>
<td></td>
<td></td>
<td><strong>200</strong></td>
<td><strong>72</strong></td>
<td><strong>10</strong></td>
</tr>
</tbody>
</table>


**B.A. PART I**

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

- 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:**

<table>
<thead>
<tr>
<th>UNIT I</th>
<th>Housing</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Function &amp; family need of housing</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>2. Principles of house planning: aspect, prospect, grouping of room, roominess, privacy, orientation, circulation, flexibility, spaciousness, aesthetics economy, ventilation services</td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>3. Site selection:</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>• Vegetation:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• size</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• soil types drainage</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• contour (shape)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• orientation</td>
<td></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></td>
<td>6</td>
</tr>
<tr>
<td>5. Floor decoration with use of elementary art</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>6. Table setting &amp; etiquettes</td>
<td></td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>UNIT II</th>
<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></td>
<td>5</td>
</tr>
<tr>
<td>8. Kitchen planning, importance of counters, storage, principles, working heights.</td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>9. Selection and care of household equipment (without reference to any specific equipment)</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>10. Household waste &amp; its management by 3R</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>11. Flower decoration</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>• Basic equipments</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Vases and containers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Preparing plant material</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Shaping an arrangement</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12. Furniture</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>• Types of furniture</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Selection use &amp; care</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Asstt. Registrar (Acad I)
University of Rajasthan
Jaipur
<table>
<thead>
<tr>
<th><strong>UNIT-III</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Resource Management</strong></td>
</tr>
</tbody>
</table>

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. Sock ing 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:**

---

*Asstt. Registrar (Acad I)*

*University of Rajasthan*

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

Examination scheme:

Total Marks: 50 marks

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

FOODS & NUTRITION (THEORY PAPER II)

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

Objectives:
1. To give knowledge about basics of nutrition, nutrients and metabolism.
2. To give knowledge about meal planning for families and individuals.
3. To give knowledge about Normal & Therapeutic nutrition.
4. To give knowledge about Nutritional problems of public importance.

\(\text{Signature: Registrar (Acad.)}\)

\(\text{University of Rajasthan}\)

\(\text{Jaipur}\)
# Contents

## Unit I

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<tbody>
<tr>
<td>1.</td>
<td>Definition of Food and Nutrition, 5 basic Food groups, Balanced diet</td>
</tr>
<tr>
<td>2.</td>
<td>Functions of food</td>
</tr>
<tr>
<td></td>
<td>• Physiological – Hunger, Appetite, Satiety.</td>
</tr>
<tr>
<td></td>
<td>• Psychological</td>
</tr>
<tr>
<td></td>
<td>• Social, Economic, Cultural.</td>
</tr>
<tr>
<td>3.</td>
<td>Functions, sources, Effect of deficiency, Daily allowances of:</td>
</tr>
<tr>
<td></td>
<td>• Macro Nutrients</td>
</tr>
<tr>
<td></td>
<td>i. Carbohydrates</td>
</tr>
<tr>
<td></td>
<td>ii. Proteins</td>
</tr>
<tr>
<td></td>
<td>iii. Fats</td>
</tr>
<tr>
<td></td>
<td>• Micro Nutrients</td>
</tr>
<tr>
<td></td>
<td>i. Minerals – Calcium, Iron, Iodine, Fluorine</td>
</tr>
<tr>
<td></td>
<td>ii. Vitamins</td>
</tr>
<tr>
<td></td>
<td>Water Soluble – B complex vitamins, Vitamin C</td>
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<td></td>
<td>Fat soluble—A, D, E &amp; K</td>
</tr>
<tr>
<td></td>
<td>• Water Balance</td>
</tr>
<tr>
<td></td>
<td>• Energy Metabolism</td>
</tr>
<tr>
<td></td>
<td>i. Unit of measurement of energy, definition of calorie, Kilocalorie.</td>
</tr>
<tr>
<td></td>
<td>ii. Gross &amp; Physiological fuel value of food.</td>
</tr>
<tr>
<td></td>
<td>iii. BMR and factors affecting BMR/ Energy requirement (RDA) and factors affecting energy requirement.</td>
</tr>
</tbody>
</table>

## Unit II

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

1. 8

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75
Unit III

6. Therapeutic Nutrition

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

7. Nutritional Problems of Public Health Importance and their management:
- Protein Energy Malnutrition
- Anaemia
- Fluorosis
- Vitamin A deficiency
- Iodine Deficiency Disorder

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

FOODS AND NUTRITION (PRACTICAL II)

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

Contents:

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

   Hours: 6
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, misri), parantha (stuffed, plain), cheela, bhuata, rice (plain, pulao, sweet), khichdi, dalviya. Upma, halva, 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.


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, bhel-puri

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:

<table>
<thead>
<tr>
<th>Examination scheme</th>
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<tbody>
<tr>
<td>Total Marks: 50 marks</td>
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<tr>
<td>1. Major problem -</td>
<td>25 marks</td>
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<tr>
<td>Meal Planning and preparation of one dish for any one of the following</td>
<td></td>
</tr>
<tr>
<td>- Pregnant woman</td>
<td></td>
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<tr>
<td>- Lactating woman</td>
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<tr>
<td>- Packed lunch for school going child adult man / woman</td>
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<tr>
<td>- Elderly</td>
<td></td>
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<tr>
<td>2. Minor Problem -</td>
<td>15 marks</td>
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<tr>
<td>Preparation of one dish from</td>
<td></td>
</tr>
<tr>
<td>- Any one method of cooking</td>
<td></td>
</tr>
<tr>
<td>- Any one food group (cereals, vegetable, milk etc.)</td>
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<tr>
<td>3. Internal -</td>
<td>10 marks</td>
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Asett. Registrar (Acad. I)
University of Rajasthan
Jainur
Scheme:

<table>
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<tr>
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<th>DURATION</th>
<th>MAX.MARK</th>
<th>MIN.MARK</th>
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<tr>
<td>(i) Theory:</td>
<td>One paper</td>
<td>3Hrs</td>
<td>60</td>
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<tr>
<td>(ii) Practical:</td>
<td></td>
<td>5Hrs</td>
<td>80</td>
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<tr>
<td>(iii) Submission:</td>
<td></td>
<td></td>
<td>60</td>
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</tbody>
</table>

Syllabus (Theory):

**Part-A**

1. Introduction to Textiles
2. Definition of fibre, Properties of fibre
3. Classification of fibre
4. Natural fibres
5. Yarn manufacture by Takli and Charkha

**Part-B**

1. Wärp 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
Part-C

1. Concept of colours, colour scheme, Achromatic & Monochromatic colour
2. Dyes and Pigments (colourless dyes)
3. Classification of Dyes
4. Fabric finishes- Introduction and Importance
5. Dyeing process of Tie and Dye

Syllabus (Practical):

Samples preparation

(i) Tie and Dye (Ball shape, platted & folded, leharia 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 cutting on paper
PAPER-1: UNDERSTANDING TEXTILE

B.A./B.COM. M.M. 60

B.SC. M.M. 50

SECTION A: Textile Technology

1. General properties of 
   - Natural Fibers: cotton, wool, silk,
   - Regenerated Fibers: 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 Textiles

5. Knowledge of hand woven fabrics
   - Dacca muslin, jamdani, chanderi, brocade
   - Baluchari, Kashmiri shawls, doria, kanjivaram

6. Dyed Fabrics
   - Bandhej, ikat, patola

7. Printed Fabric
   - Kalamkari, madhubani

8. Traditional embroideries of India
   (a) Kashida of Kashmir
   (b) Kasuti of Karnataka
   (c) Manipuri
   (d) Chamba rumal

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Jaipur
(e) kantha of bengal
(f) Phulkari of Punjab
(g) Chikankari of lucknow

SECTION - C

SELECTION CRITERIA

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

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

References:
1. Corbman, textiles fibre to fabric
2. Phyllis G. Tortora, understanding textile.
3. Naik, traditional embroideries of India.
4. Bhatnager, Paul, traditional Indian costumes and textiles.
5. Dhantyagi Sushila, fundamentals of textile and their care.

B.SC./B.A./B.COM. PART – I

PAPER-II

BUSINESS AND GARMENT INDUSTRIES

B.A./B.COM. – M.M. 60 HRS.-3
B.Sc.-M.M. 50
SECTION A

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

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

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

4. Objectives, importance and utility of bookkeeping.

SECTION B

MERCHANDISING THEORY

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


7. Careers in Apparel industries.

SECTION C

GARMENT INDUSTRY

8. Project planning for garment production unit.

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

10. Site selection for unit.


References:
2. Frings Stephen's Gim, Fashion from concept to consumer.
3. Jindal, Ritu, Handbook of Fashion

B.A./B.COM./B.S.C. PART-I
PRACTICAL-I

BASICS OF SEAMS AND EMBROIDERIES

B.A./B.COM.—M.M. 80
B.S.C.—M.M. 50

1. Decorative samples:
   Lace edging - (machine)
   Gathers - (machine), darts
   Pleats - knife, box, inverted box
   Frills - one side, two sided
   Tucks - pin, cross, shell
   Fasteners - 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, herringbone, buttonhole, bullion, feather patch and appliqué work.

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

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

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

Paper I: Bio-Chemistry and General Bacteriology

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

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

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

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

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

1. Introduction to human body.
2. Important landmarks in surface anatomy for L.M. and I.V. injection in adults, children and infants
3. Musculo- Skeleton and Respiratory system.
6. Urinary System.
7. C.N.S. (Central Nervous System) and A.N.S. (Autonomic Nervous System)
8. Endocines 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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Jaipur
5. Collection, coding, preservation and disposal of biological specimen material for biochemical analysis.
7. Bio-chemical estimation of-
   (a) Sugar   (b) Urine
   (c) Stool   (d) Protein
   (e) A.G. ratio.
8. Detection of Organic poisons like opium, oliander and vomice.

Unit-II General Bacteriology and Hematology

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

Hematology:
1. Collection of blood from various sites in adult and children.
2. Cleaning of slides and cover slips and identification of various pipettes and their cleaning.
3. Making of stains 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>
</thead>
<tbody>
<tr>
<td>Science – 54</td>
<td>150</td>
<td></td>
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<tr>
<td>Arts – 72</td>
<td>200</td>
<td></td>
</tr>
</tbody>
</table>

| Paper – I        | Discrete Mathematics | Duration: 3 hrs. | Max. Marks: 50 (Science) |
| Paper – II       | Calculus            | 3 hrs.           | 50 (Science) |
| Paper – III      | Three Dimensional   | Theory: 2½ hrs.  | 32 (Science) |
|                  | Geometry and        |                 | 44 (Arts)   |
|                  | Optimization Theory |                 | 18 (Science) |
|                  | Practical: 2 hrs.   |                 | 24 (Arts)   |

Note:

1. Papers I and II are 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.

2. Paper III is divided into FOUR Units. TWO questions will be set from each Unit. Candidates are required to attempt FOUR questions in all taking ONE question from each Unit. All questions carry equal marks.

3. 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.

4. 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.

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

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

Assistant Registrar (Academic)
University of Rajathan
Paper - I: Discrete Mathematics
Teaching : 3 Hours per Week
Duration of Examination : 3 Hours
Max. Marks: 50 (Science)
66 (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 and Propositions - Cardinality, Principal of inclusion and exclusion, Mathematical induction.
Relations and Functions - Binary relations, Equivalence relations and Partitions, Partial ordered relations and Lattices, Chains and Antichains, Pigeon Hole principle.

Unit 2: Algebraic structures - Groups, Rings, Integral domains, Fields (Definitions, simple examples and elementary properties only).
Boolean Algebras - Lattices and Algebraic structure, Duality, Distributive and Complemented Lattices. Boolean Lattices, Boolean functions and expressions.

Unit 3: Logic and Propositional Calculus, Propositions, Simple and compound, Basic Logical operations, Truth tables, Tautologies and contradictions, Propositional Functions, quantifiers.


Paper - II: Calculus
Teaching : 3 Hours per Week
Duration of Examination : 3 Hours
Max. Marks: 50 (Science)
66 (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 4: Rectification, Areas, Volumes and Surfaces of solids of revolution.


Paper-III: Three-Dimensional Geometry and Optimization Theory
Teaching : 3 Hours per Week
Duration of Examination : 2½ Hours
Max. Marks: 32 (Science)
44 (Arts)

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

Unit 1: Sphere, Cone.

Unit 2: Cylinder, Central Conoids – Ellipsoid, Hyperboloid of one and two sheets, tangent lines and tangent planes, Direct sphere; Normals.

Unit 3: Generating lines of hyperboloid of one sheet system of generating lines and its properties. Reduction of a general equation of second degree in three-dimensions to standard forms.

Practical:
Teaching: 2 Hours per Week per Batch
(20 Candidates in each Batch)

Examination:  
Duration: 2 Hours

<table>
<thead>
<tr>
<th>Scheme</th>
<th>Science</th>
<th>Arts</th>
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<tr>
<td>Max.Marks</td>
<td>18</td>
<td>24</td>
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<tr>
<td>Min.Pass Marks</td>
<td>06</td>
<td>08</td>
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</table>

Distribution of Marks:
Two Practicals one from each group

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<tr>
<td>6 Marks each</td>
<td>12 Marks</td>
<td>16</td>
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<tr>
<td>Practical Record</td>
<td>03 Marks</td>
<td>04</td>
</tr>
<tr>
<td>Viva-voce</td>
<td>03 Marks</td>
<td>04</td>
</tr>
<tr>
<td>Total Marks</td>
<td>18 Marks</td>
<td>24</td>
</tr>
</tbody>
</table>

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

Group B: Modelling of industrial and engineering problems into
(i) Assignment Problems and (ii) Balanced and unbalanced Transportation Problems, and their solution

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

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

**Note:** There will be two papers of Economics. Each paper shall consist of three parts. Part A shall contain question No 1 consisting of very short type X (Ten) questions. The candidate is required to answer each question in 20 words. Part B shall contain question No 2 consisting of V (five) questions. The candidate is required to answer each question in 100 words. Part C shall contain three essay type questions (one from each section) with internal choice. A candidate will be required to attempt five questions in all. All questions of Part A and Part B are compulsory while rest 3 questions are to be attempted from parts C selecting one question from each section. All questions carry equal marks. Each question will carry 20 marks for Arts students and 15 marks for Science students.

### Paper 1- Micro Economic Theory

**Section – A**


Section – B


Section – C


Books Recommended:

4. एच. एल. आहुजा: अन्तर्गतिक विध्वंस, एस. चाँड एण्ड कंपनी, नई दिल्ली।
5. लक्ष्मीनारायण नायुरागकर: व्यवस्थित अर्थशास्त्र, कॉलेज बुक हाउस, जयपुर।

Reference Books:


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


Problems of Poverty; Unemployment, Inflation and Regional Inequalities; Rural Development Programmes and Policy; Sectoral Reforms in Infrastructure after 1991.

Books and References:

1. Rudra Datt and K.P.M. Sundaram: Indian Economy (Hindi & English), S. Chand, New Delhi.
# Scheme of Examination

<table>
<thead>
<tr>
<th>Faculty</th>
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<td>Paper I</td>
<td>Physical Geography</td>
<td>Arts 75</td>
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<td>Science 50</td>
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<td>Paper II</td>
<td>Geography of Rajasthan</td>
<td>Arts 75</td>
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<td>Science 50</td>
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<tr>
<td>Practical</td>
<td>18</td>
<td>Arts 50</td>
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<tr>
<td></td>
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<td>Science 50</td>
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</tbody>
</table>

**Notes**

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

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

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

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

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

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

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

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

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

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

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

Paper I: Physical Geography

Section A

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

Section B

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

Section C

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

Recommended Readings:


Paper II: Geography of Rajasthan

Section A

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

Section B

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

Section C

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

Recommended Readings:

Lodha, R. & Maheshwari, D. 2001: Geography of Rajasthan. Shahitya Bhawan Publication, Hospital Road, Agra
नायुरीकर, एल.पी., 2012.13: राजस्थान की अर्थव्यवस्था। कॉलेज बुक हाउस, अजमेर।
साईडवाल, सन्तों 2012: राजस्थान का पूर्व गांव। कॉलेज बुक हाउस, जयपुर।
Sing, R.L. 1971 (ed.): India A Regional Geography NGSI, Varanasi.
सक्सेना, एम.ए., 2012: राजस्थान का पूर्व कोंडेका अकादमी, जयपुर।
Practicals

Scheme of Examination

Min. Pass Marks: 18

Written test
Field Survey and Viva voce
Record and Viva voce

24
10+04
08+04

Bifurcation of Marks

Max. Marks: 50

Time
3 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 question carry equal marks. Each practical batch of 30 students will be allotted a teaching of 4 hours per week for practicals.

SYLLABUS

Section A

Definition and types of scale: simple, comparative, diagonal.
Graph: line graph, bar graph, combined line and bar graph, hythergraph and climograph; 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, lake, spur, col, meanders and cliff).
Profiles: serial, superimposed, projected and composite.

Section C

Surveying : meaning, classification and significance.
Chain and tape surveying: open and closed traverse.

Recommended Readings:

चौहान, पी.आर. 2008: प्रयोगात्मक भूगोल | प्रसुवस्था प्रकाशन, गोरखपुर।
Singh, L.R. 2006: Practical Geography. Prayag Pustak Publisher, Allahabad U.P.
शर्मा, जे.वी. 2011: प्रयोगात्मक भूगोल की सुरूचिका | रस्तों की परिकल्पना, गोरखपुर।
STATISTICS

<table>
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<tr>
<td></td>
<td></td>
<td>Sc.</td>
<td>Arts</td>
</tr>
<tr>
<td>Paper- I</td>
<td>3 hrs.</td>
<td>50</td>
<td>65</td>
</tr>
<tr>
<td>Paper-II</td>
<td>3 hrs.</td>
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<td>65</td>
</tr>
<tr>
<td>Practical</td>
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<td>150</td>
<td>200</td>
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**Note:** In each question paper, 10 (ten) questions will be set having 2 (two) from each unit. Candidates have to answer five questions in all, taking not more than one from each unit.

**Paper- I Probability Theory**


**Unit III. Mathematical Expectation:** Expectation of a random Variable and its simple properties. Addition and Multiplication Theorems of Expectation. Conditional Expectation. Definition of Variance and Covariance and properties. Raw and Central Moments. Moment Generating Function and their properties. 18 hours

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

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

References


Additional References


Paper II: Descriptive Statistics

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

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

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

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

**References**


**Additional References**

Schaum’s Publishing Series.

Paper III. Practical Paper:
1. Exercise on mathematical expectations and finding Mean, Vari-
ance, Skewness and kurtosis of Univariate probability distribu-
tions.
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, mo-
ments and Skewness and Kurtosis.
6. Computation of Correlation Coefficient of bivariate data and
bivariate frequency distribution table.
7. Regression of two variables.
8. Fitting of curves by the least square method.
9. Computation of Spearman’s rank correlation.
11. Interpolation Problems based on Newton and Langrange’s For-
mulae.
# APPLIED STATISTICS

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<td>- Sc., 24 Arts</td>
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<td>Paper-II</td>
<td>3 hrs.</td>
<td>50 Sc., 65 Arts</td>
<td>- Sc., 24 Arts</td>
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<tr>
<td>Paper-III (Practical)</td>
<td>4 hrs.</td>
<td>50 Sc., 70 Arts</td>
<td>18 Sc., 24 Arts</td>
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<td>150 Sc., 200 Arts</td>
<td>54 Sc., 72 Arts</td>
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**Note:** In each question paper, 10 (Ten) questions will be set having 2 (Two) from each unit. Candidates have to answer five questions in all taking not more than one from each unit.

**Paper I:** Probability Theory

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

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


References:

Additional References:

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

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

**SCHEME OF EXAMINATION:**

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<td>Science</td>
<td>150</td>
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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>
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<td>3 Hrs.</td>
<td>75</td>
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<tr>
<td>III</td>
<td>Practicals</td>
<td>3 Hrs.</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.

[Signature]

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

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<td>C</td>
<td>3 (with internal choice)</td>
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<td>3 (with internal choice)</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.


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\text{Jaipur}\]
Section-B


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


Section-C


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

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

Books Recommended:


- सिंह, अरुणकुमार (2002). आधुनिक सामाजिक मनोविज्ञान: नई दिल्ली, मोतीलाल बनारसीदास।
Social Psychology

Section-A


Section-B


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

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

Section-C


Books Recommended:

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

Paper-III

Practicals

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

परीक्षा प्रश्नपत्र

समय पूर्णांक

न्यूनतम प्रश्न पत्र 72 200
प्रथम प्रश्न पत्र 3 घंटे 100
द्वितीय प्रश्न पत्र 3 घंटे 100

प्रथम प्रश्न पत्र अंक विभाजन

1. प्रथम प्रश्न पत्र में पांच प्रश्न होंगे। कुल 100 अंकों का प्रश्न होगा।
2. प्रत्येक पाठ्यपुस्तक से कम से कम एक-एक व्याख्या करनी होगी। (3×12=36)
3. दोनों पुस्तकों में प्रत्येक से एक-एक आलोचनात्मक प्रश्न होगा। कुल तीन प्रश्न। (3×15=45)

4. अंतिम प्रश्न विस्तारित तीन भागों में विभक्त होगा—
(C) राजस्थानी भाषा में अनुवाद—7 अंक
SHEEP AND WOOL

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

Scheme:
Min. Pass Marks 48  Pass Marks 102  Max. Marks 132
(ख) हिंदी से राजस्थानी भाषा में अनुवाद — 7 अंक

(ग) राजस्थानी कहावती अर्थ एवं प्रयोग — 5 अंक

पाठ्य पुस्तकें :
1. राजस्थानी कहानियाँ — सम्पा. रावत सारसत, प्रेम जी प्रेम : प्रकाशक साहित्य अकादमी, रघुवंश भवन, नई दिल्ली. इस पुस्तक में से पिनालिस्त्र रूप संक्षेप वाली 14 कहानियाँ 1, 9, 10, 12, 13, 14, 15, 16, 18, 20, 22, 23 तथा 28।
2. जयपुर की ज्योयालार, ले. मदनमोहन सिंह (खण्ड एक से तीन) : प्रकाशक श्री सिफ़ हिन्दी प्रचारक कार्यलय जयपुर।

संदर्भ पंथ:
1. आधुनिक राजस्थानी साहित्य : प्रेमण योगी और प्रवृत्तियाँ; लेखक डॉ. क्रिष्ण गांधी प्रकाशक विनय प्रकाशन, चोड़ा गांधी, जयपुर।
2. राजस्थानी गद्य साहित्य : उद्धव और विकास : लेखक डॉ. विवेकानंद अचल, प्रकाशक : शारदुल राजस्थानी रिसर्च इंस्टीट्यूट, बीकानेर।
3. राजस्थानी गद्य शैली का विकास : डॉ. रामकुमार गयावी, प्रकाशक देवनाम प्रकाशन, जयपुर।

राजस्थानी द्वितीय प्रश्न-पत्र—राजस्थानी काय्य अंक स्वयंपर्यय—इस प्रश्न-पत्र में पाँच प्रश्न होंगे।
1. प्रत्येक पुस्तक से एक-एक व्याख्या। कुल तीन व्याख्याएं। (3×12=36)
2. प्रत्येक पुस्तक से एक-एक आलोचनात्मक प्रश्न।
   (कुल तीन प्रश्न) (18+18+16=52)
3. अलंकार : वैशेष संगीत, उपयोग, रूपक, उक्तियाँ अथवा रूपक, स्तोत्र।
4. छंद : दूसरे, सोतो, कण्ठ, वैलियाँ।

संदर्भ पंथ :
1. प्रचीन काव्यों की रूपक प्रसंग-समझ काव्य चंद नाहटा, प्रकाशक भारतीय विद्या मंडित शीर्ष प्रतिष्ठान, बीकानेर।
2. अलंकार परिवर्तन—राजस्थान भाषाई.
3. रघुनाथ रूपक गीता रो—महात्मन दयाल उदारवर्त, प्रकाशक गाँधी प्रवारीण सभा बारानसी।
4. राजस्थानी साहित्य—एक परिचय प्रकाशक उज्जैल प्रथं दूंढो, बीकानेर।

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Jaipur
Syllabus B.A. Part-I

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

Paper-I : Elements of Sheep Husbandry
Livestock population in Rajasthan, India and place of sheep in rural economy of Rajasthan with particular reference to the area.
Historical background of the origin of sheep. Asiatic classification of the world sheep. Important breeds of Indian sheep particularly of Rajasthan.
Regionalisation of sheep in India.
Anatomical and Physiological aspects - Salient features of the skeletal, digestive, reproductive, respiratory, endocrine system etc.
Physiological: Carbohydrate, Protein, Fat-metabolism.
Sheep: Management of flocks, sheep care (different stages), housing, feeding etc.

Paper-II : Elementary Sheep Production
General Management: Counting, docking, castration, branding, tagging, tattooing, weaving, aging, classifying, cutting.
Breeding Management: Case of pregnant ewes, new born lambs, and breeding rams.
Shearing Management: Time of shearing, washing, grading, packing, storage, shearing sheed equipment and management.
Health Management: Drenching, dipping, vaccination, spraying, mouth wash, foot bath, segregation, care of sick sheep.
Farm Records: Feeding breeding health, production and their maintenance.
Wool Science: Definition of wool terms 'primary grading' physical and chemical properties of wool.
Types of Fibre: Comparison wool fibre with hair and textile fibre.

Practical:

Syllabus: M.in Pass Marks-24 Max pass M. 68
1. Recognition of different breeds of sheep, local and state of Rajasthan, with reference to salient features of difference and utility of their products.
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-pareara, castrating equipment drenching and dosing equipments, branding and tagging equipments etc.
7. Lambing practices and rearing of young ones; Care and management of ewes at lambs and growing stock. Use of foot-bath and mouthwash.
8. Wool Science: Physical Properties of wool including microscopic study comparing it with hair and artificial fibers, Primary grading of wool; Microscopic study of fibers.


29. Livestock and Dairying

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

*Scheme:*

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<tr>
<td>Marks</td>
<td>68</td>
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**Paper-I:** Principles of Animal Husbandry and Livestock Management

1. Livestock population of India with special reference to Rajasthan. Distribution of different categories of livestock according to
Syllabus B.A. Part-I

the agroclimatic conditions of the state.
2. Contribution of animal and animal products in the economy of Rajasthan.

Buffalows—Murrah, Surti, Mehsana.
Goats—Sirohi, Alwar, Barbari, Jamunapuri, Beotal, Marwari.
Sheep—Sonodi, Chokia, Bikaneri, Marino, Rambouilet Camel-

Rid Dancer.

Poultry—Phoenix Island, Red, Leg Horn, Wyte 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 parturition, drying off.
7. Care of newly born calf. Marking, dehorning, castration.
8. Important points for the management of bulls, goat, sheep and poultry.
9. Livestock farm equipment, sanitarp requirements, disposal of animal water.
11. Maintenance of farm records.

Paper-II Principles of Feeding and Breeding Livestock
1. Digestive system of ruminants and its peculiarities.
2. Physiological role of good nutrients, their digestion, importance of scientific feeding.
3. Nutritional requirement of farm animals for different purposes.
5. Feeding pregnant, lactating animals, breeding bulls and bullocks.
6. Production of different types of grasses and forage, making of hay and silage.
7. Premature of cheese balanced ration for milk production.
8. Feeds supplements and additives.
9. Importance of scientific breeding system of breeding.
10. Male and female reproductive system, development of organs and their function, role of economic glands.
11. Signs of heat and time of breeding.
12. Natural service and artificial insemination, infertility in livestock.
15. Maintenance of breeding records.

Practicals
Min. Pass Marks 24  4 hrs. duration  Max. Marks 68
1. Study of external parts of animal, handling and securing of animals hoof training.
2. Castration, dehorning, making and throwing.
4. Recording of temperature, pulse and respiration of animals.
5. Administration of medicines through different routs.
6. Communication of ration, blending food preparation of hay and silage.
7. Diagnosis of common ailments and first aid.
8. Collection of semen and artificial in seminatation.
9. Judging of animals on the basis of score card.
10. Washing dairy utensils, milking of animals.
11. Leaning and disinfection of dairy sheds.
12. Working out the building requirements for different animals.
B.A. Part I

Min. Pass Marks = 72
Paper - I
Paper - II

Max. Marks = 200
Marks = 100
Marks = 100

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

Paper I- Introduction to Social Anthropology

Unit-I
History, Meaning and Scope of Anthropology.

Branches of Anthropology: (a) Social-Cultural Anthropology (b) Physical Anthropology (c) Archaeological Anthropology, (d) Linguistic Anthropology

Definition and subject matter of Social Anthropology, Relationship of Social and cultural Anthropology with Sociology, Psychology, History, Economics and Political Sciences

Unit-II

Development and Change

Unit – III

Techniques and Methods: field work and Survey Research

Antiquity and origin of Language, Structure of language, relation in Language. Culture and Individual.

Readings Books


Paper - II Cultural Regions in Rajasthan

UNIT-I


UNIT-II

Concept of Tribe. Ethnography of tribal culture in Rajasthan: Mina, Bhil, Garasia, Saharia.

UNIT-III


Folk fairs and festivals: Teej, Gangour.

Bhakti Movement and Peasant Movement.

List of Books


Jol James. 1987 (Repr.). Annals and Antiquities of Rajasthan. Delhi, Matilal Banarasi Das.

वर्धान प्रसिद्ध, 1993. भारत के आदिनात्य उत्तरप्रदेश, गोरखपुर (भाग 2). 2004 (भाग 3).

वर्धान प्रसिद्ध, 2000. राजस्थान के लोक साहित्य की संरक्षण उपाधि, राजस्थानी कला मण्डप,

महान दीपज्ज प्रसिद्धा 2002. संस्कृति का सच्चाई रोक का 1980-90 मिति की नेतृत्व मुकेश दुरात. (संपादक मुकेश कुमार श्री एवं संजीव कुमार श्री)

[Signature]

Asstt. Registrar (Acad.)
University of Rajasthan
Jaipur
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>
</tr>
</thead>
<tbody>
<tr>
<td>Paper I</td>
<td>3 hours</td>
<td>50</td>
<td>18</td>
</tr>
<tr>
<td>Paper II</td>
<td>3 hours</td>
<td>50</td>
<td>18</td>
</tr>
</tbody>
</table>

Practical

| Paper I | 4 hours | 50 | 18 |
| Paper II | 4 hours | 50 | 18 |

Theory:

B.A. Part - I (Drama) Exam. 2014:

Paper I: History of World Theatre

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

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

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

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

Books Recommended :
I. Bhartiya Rangmanch Ka Udbhav Evam Vikas- Dashrath Ojha
II. Bhartiya Rangmanch Ka Itihas- PK Agyat
III. Bhartiya Lok Natya Parampara- Dr. Kapila Vatsyayan
IV. Rand Darshan- Nemi Chand Jain

Practical- Paper I : Applied Theatre Practice
I. Practice of 15 Yogic Asanas
II. Practice of Mime and Movement Exercises
III. Submission of workbook.

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

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

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

PAPER I
HISTORY OF PHYSICAL EDUCATION

Time 3 hours
Maximum Marks : 60
Minimum Pass Marks : 22

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

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

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

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

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

Books Recommended:-
3. Ajmer Singh etc. Basis of Physical education, Health & Sports (B.A.Pt. III), Kalyani Publication Ludhiana
5. Ajmer Singh etc : Saririk Shiksha Swasthya evam Khelo ki Adhunik Pathyapustak B.A. Part II va III : Kalyani Publications Ludhiana
Paper II

FOUNDATIONS OF PHYSICAL EDUCATION

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

Time 3 hours

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

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

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

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

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

References:
5. Ajmer Singh etc. Saririk siksha swashtha evam khelo ki Adhunik Pathyapustak B.A. I : Kalyani Publications Ludhiana
7. Sidhana Ashok Kumar: Saririk Siksha Sidhant, Manovigyan evam lithas: Sriyansh Publications Jaipur
8. Kamlesh sur Sangrah: Saririk Siksha ke sidhant va lithas: Prakash Brothers Ludhiana
PRACTICAL (GAMES AND SPORTS)

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

1. Four period for theory
   (i) 1st Paper  (ii) 2nd Paper
2. Four period for practical work
   (i) Athletics : two periods  (ii) Games : Two periods
(This shall carry 80 marks)
INDIAN HERITAGE IN RURAL HANDICRAFTS

Scheme

<table>
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<tr>
<th>Scheme</th>
<th>Max. Marks</th>
<th>Min. Pass Marks</th>
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<tr>
<td>1. Theory One Paper 3 hrs. duration</td>
<td>60</td>
<td>22</td>
</tr>
<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>
</tr>
<tr>
<td></td>
<td>200</td>
<td>72</td>
</tr>
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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 (bandhej):

2. Soft toys
3. Folk paintings.

4. Folk sculptures

Submission Work MAX. Marks 60 MIN. Pass Marks 22

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

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

Books recommended

1. Heritage of Indian Art: V.S. Agarwal.
2. Handicrafts of India: T.M. Abraham
3. 5000 years of Arts & Crafts of India: Shanti Swaroop.
# Vocational Course

## Computer Application

<table>
<thead>
<tr>
<th>Scheme</th>
<th>Min. Pass Marks</th>
<th>Max. Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts/Commerce</td>
<td>72 (Th. 47 Pr. 25)</td>
<td>200</td>
</tr>
<tr>
<td>Science</td>
<td>54 (Th. 36 Pr. 18)</td>
<td>150</td>
</tr>
<tr>
<td>Paper-I 3 hours duration</td>
<td>Computer Fundamentals and Introduction to IBM PC</td>
<td></td>
</tr>
<tr>
<td>Paper-II 3 hours duration</td>
<td>Operating Systems and Business Data Processing</td>
<td></td>
</tr>
<tr>
<td>Paper-III Practical</td>
<td>Arts/Com. 70</td>
<td></td>
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</tbody>
</table>

### Paper I: Computer Fundamentals and Introduction to IBM PC

- **What is Computer?** An introduction. Uses of computers in modern society e.g. weather forecasting, census, oil exploration, speech recognition, banking, publishing, accounting, research etc.
- **Information concepts and processing** - hardware, software, computer capabilities and limitations. Concept of files and directories.
- **Computer arithmetic and number systems. 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.
Introduction to microprocessors and associated computers. Timers, display controllers, DMA controllers.

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

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

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


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

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

Advance version of IBM and compatibles.

Paper II: Operating Systems and Business Data Processing

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

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