University of Rajasthan
Jaipur

SYLLABUS

B.A. Part-I

Examination – 2021

Raj [Signature]
## CONTENTS

**SCHEME OF EXAMINATION & DISTRIBUTION OF MARKS SYLLABUS**:

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

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**N.B.**:

1. Candidates must Pass separately in each of the test/theory and Practical (wherever prescribed)

2. Common papers in the subjects of Statistics, Mathematics, Economics, Geography and Psychology will be set both in the Faculties of Social Science and Science. The allocation of marks will however be different as mentioned in the booklet of syllabus.

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Jaipur
पद्धतिक वर्ष – (कला, विज्ञान एवं वाणिज्य संकाय)
बी.ए. / बी.एस.सी. / बी.कॉम. / आन्सी)
सामान्य हिंदी

पृष्ठक 100

नोट: 36 से कम अंक लाने पर छात्रों को उल्लंघन नहीं किया जायेगा। इस प्रश्न-पत्र में प्राप्त अंकों को श्रेणी निदारण हेतु नहीं जोड़ा जायेगा।

अंक विभाजन – प्रश्न पत्र में दो भाग होंगे – 1. साहित्य खण्ड एवं 2. व्याकरण खण्ड। साहित्य खण्ड में दो भाग होंगे – गद्य भाग एवं पद्य भाग। प्रत्येक खण्ड के लिए 50 अंक निर्धारित है।

<table>
<thead>
<tr>
<th>अंक</th>
<th>आंक</th>
</tr>
</thead>
<tbody>
<tr>
<td>क को व्याख्या पद्धति से (प्रत्येक विकल्प देना है)</td>
<td>5 x 2 = 10 अंक</td>
</tr>
<tr>
<td>ख को व्याख्या पद्धति से (ग्लेशर में विकल्प देना है)</td>
<td>5 x 2 = 10 अंक</td>
</tr>
<tr>
<td>ग आलोचनात्मक प्रश्न पद्धति से (विकल्प देना है)</td>
<td>7½ x 2 = 15 अंक</td>
</tr>
<tr>
<td>घ आलोचनात्मक प्रश्न गद्य से (विकल्प देना है)</td>
<td>7½ x 2 = 15 अंक</td>
</tr>
</tbody>
</table>

साहित्य खण्ड – 'क' – गद्य-पद्धति की निर्धारित रचनाएँ

गद्य भाग –

1. कहानी – प्रेमचंद – बड़े भाई साहब
2. साक्षरण – कृष्णगोपाल मिश्र प्रमाकर – व्यास के ज्यारे की उन लहरों में
3. खेड़खेड़ – रमेश सेनपुरी – विलया
4. विज्ञान – गुप्तकर गुले – शानि सबसे सून्दर प्रदर्शन
5. निबंध – अमरचंद नाहर – राजस्थान की सांस्कृतिक धरोहर
6. यथार्थ – श्रद्धा जोशी – जीव पर सवार इल्लियों
7. पर्यावरण – अनुपम मिश्र – आज भी खरे हैं तालाब

पद्धति भाग – (कवीय अंत्यावली से स. – स्थायीसूची दास)

<table>
<thead>
<tr>
<th>अंक</th>
<th>विवरण</th>
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| 1. कवीर | साहित्य सं. – गुरुदेव का अंग – 7.12.26.30
| 2. सुरियास सुरसागर सार | सं. जी. धीरेंद्र वर्मा – 10.17.24.26
| 3. तुलसीदास | विनय भक्ति पद सं. – 2.8.10.18
| 4. मीरा | सं. दोहे - 21.33
| 5. राहुल (दतली) | विनय पतिका, गीतादेव, गोकुलपुर का पद सं. – 87,98,90,156,158
| 6. नेपालीसागर गुप्त | पदावली सं. – नरसम स्वामी पद सं. – 1.3.4.5.10
| 7. चूरुकुलवन्दन पद | नैना विजयर
| 8. सुरकान्त गियारे निराला | दन नीतिन पाठक
| 9. संविदानद हीरानंद पाल्प्रायन अजैथ | निरीक्षित
| 10. सामान्य सिद्ध दिनकर | विद्यापीठ, समाज के संग है
<table>
<thead>
<tr>
<th>संख्या</th>
<th>विषय</th>
<th>स्पष्ट अंक</th>
</tr>
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<td>1</td>
<td>निबंध लेखन</td>
<td>40</td>
</tr>
<tr>
<td>2</td>
<td>कार्यालयी लेख</td>
<td>8</td>
</tr>
<tr>
<td>3</td>
<td>संक्षेपण</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>परिलक्षण</td>
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<td>5</td>
<td>शब्द निर्माण प्रविधि</td>
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<td>शब्द उच्चरण एवं वाक्य उच्चरण</td>
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<td>8</td>
<td>पारिभाषिक शब्दावली</td>
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</tr>
<tr>
<td>9</td>
<td>शब्द के प्रकार</td>
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</tr>
</tbody>
</table>

वर्तमान अंक 50

**Children of Rajasthan University, Jaipur**
2. GENERAL ENGLISH

Duration: 3 hrs.  
Max. Marks: 100  
Minimum Pass Marks: 36

The syllabus aims at achieving the following objectives:

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

The Pattern of the Question Paper will be as follows:

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

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

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

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

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

Unit C: Comprehension  (25 marks)
Following Essays and Stories in Essential Language Skills revised edition compiled by Macmillan for University of Rajasthan General English B. A. /B. Com./B. Sc.
Candidates will be required to answer 5 questions out of ten questions from the prescribed texts. Each question will be of two (2) marks.

- Sujata Bhatt: Voice of the Unwanted Girl
- Ruskin Bond: Night Train for Deoli
- M.K. Gandhi: The Birth of Khadi
- J.L. Nehru: A Tryst with Destiny

The candidates will be required to answer 5 questions from an unseen passage.

One vocabulary question of 10 words from the given passage.

Unit D: Compositional Skills (30 marks)

(15 periods)
- I Letters-Formal and Informal (10)
- II CV's Resume and Job Applications and Report (10)
- III Paragraph Writing (10)

Recommended Reading:


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

Judith Leigh. CVs and Job Applications. OUP. 2004


Quirk and Greenbaum: A University Grammar of English Longman, 1973

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3. ENVIRONMENTAL STUDIES

B.A. Part-I

Scheme of examination

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

This paper will contain 100 multiple choice questions. Each question will carry 1 mark. Students should be encouraged to visit places of Environmental Importance including Natural and Manmade Habitat.

Note:

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

Unit 1: The Multidisciplinary nature of environmental studies

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

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

Unit 2: Natural Resources and Challenges

a. Natural resources and associated problems, Classification of resources: renewable resources, non-renewable resources, classes of earth resources, resources regions: Definition and criteria, resource conservation.
b. Forest resources: Use and over-exploitation, deforestation, case studies. Timber extraction, mining, dams and their effects on forest and tribal people.
c. Water resources: Use and over-utilization of surface and groundwater, floods, drought conflicts over water, dams-benefits and problems.
d. Mineral resources: Use and exploitation, environmental effects of extracting and using mineral resources, case studies.
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 non-renewable energy sources, use of alternate energy sources. Case studies.
g. Land resources: Land as a resource, Land degradation man induced Landslides, soil erosion and desertification.

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• Role of an individual in conservation of natural resources.
• Equitable use of resources for sustainable lifestyles.

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

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

Unit 5: Environmental Pollution and Control Measures

Definition
• Causes, effects and control measures of:
a) Air Pollution
b) Water Pollution
c) Soil Pollution
d) Marine Pollution
e) Noise Pollution
f) Thermal Pollution
g) Nuclear Hazards
   • Solid waste management "Causes, effects and control measures of urban and industrial wastes"
   • Role of an individual in prevention of pollution
   • Pollution case studies
   • Disaster management: floods earthquake, cyclone and landslides

Unit 6: Social issues, Environment, Laws and Sustainability
   • From Unsustainable to Sustainable development
   • Urban problems related to energy
   • Water conservation, rain water harvesting, watershed management
   • Resettlement and rehabilitation of people; its problems and concerns. Case studies
   • Environmental ethics: Issues and possible solution.
   • Climate change, global warming, acid rain ozone layer depletion, nuclear accidents and holocaust. Case studies
   • Wasteland reclamation.
   • Consumerism and waste product.
   • Environmental Protection Act.
   • Air (Prevention and Control of Pollution) Act
   • Wild life protection Act
   • Forest Conservation Act
   • Biological Diversity Act
   • Issues involved in enforcement of environmental legislation
   • Public Awareness.

Unit 7: Human Population and the Environment
   • Population growth, variation among nations
   • Population explosion-Family Welfare Programme
   • Environment and Human health
   • Human Rights
   • Value Education
   • HIV/AIDS
   • Women and Child Welfare
   • Role of Information Technology in Environment and human health
   • Case Studies
Suggested Readings:-

Elementary Computer Applications

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

Each Candidate has to pass in Theory and Practical Examinations separately.
Question paper for Elementary Computer Applications, (Compulsory paper-common for B.A. / B.Sc./ B.Com. Part-I) be so set that it has 120 multiple choice questions (Bilingual) of 1/2 marks each. The question paper will be of duration of 2 hours. The examinees will have to give their answers on OMR Sheet only to be provided by the University whose evaluation will be done based on OMR Scanning Technology. Further the practical examination for this paper will be of 40 marks and its duration will be of 2 hours.

Unit - I

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

Unit - II


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

Unit - III

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

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Academic
[Stamp]
Unit - IV


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

Unit - V


Question Paper pattern for Main University Practical Examination

Max Marks: 40

Practical

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

The practical examination scheme should be as follows

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

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बी.ए. प्रथम वर्ष : प्रारम्भिक हिंदी

पाठ्यक्रम:
1. पुस्तकों पर आधारित प्रश्न
   50 अंक
2. व्याकरण से संबंधित प्रश्न
   24 अंक
3. रचना से संबंधित प्रश्न
   (क) लोकोक्तियाँ गुड़हारे
   (ख) पत्र लेखन अथवा निबंध
   26 अंक

पाठ्य पुस्तकें:
1. गद्दा संग्रह—सत्यीकां गौरव के विहार— डॉ. हरिकृष्ण देवसरे
   प्रकाशक—नेशनल पुस्तकालय हाउस, नई दिल्ली
2. सूची व्याकरण एवं रचना—संपादक—विष्णु विकल
   प्रकाशक—नेशनल पुस्तकालय हाउस, नई दिल्ली

पाठ्यक्रम एवं रचना:
1. अवधारित हिंदी व्याकरण तथा रचना — लेखक कृष्ण विकल
   प्रकाशक—नेशनल पुस्तकालय हाउस, नई दिल्ली
2. सूची व्याकरण एवं रचना—संपादक—विष्णु विकल
   प्रकाशक—श्रीराम घृंठन एण्ड कम्पनी, आगरा
OPTIONAL SUBJECTS

1. 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: 100
Min. Pass Marks: 36

Duration: 3 hrs

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

Knowledge of Literary Terms and Poetry Appreciation and usages of drama is required.

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

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

SECTION A

W. Shakespeare:
Shall I Compare Thee
Not Marble, nor the Gilded Monuments
Remembrance
J. Donne: Death be not Proud.
Herbert: Pulley
Andrew Marvell: To His Coy Mistress

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

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

Reference Books:

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

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


**SECTION B**

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

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

Rabindra Nath Tagore
   Where The Mind is Without Fear

Toru Dutt
   The Lotus
   Our Casuarina Tree

Sarojini Naidu
   Indian Weavers
   Song of Radha, The Milkmaid

Reference Books:

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

*Indian Writing in English* by K.R.Srinivasa Iyengar, Sterling Publishers Pvt.Ltd

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

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

*Kabir (Penguin Classics)* by Vinay Dharwadker

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Reference Books :-

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

History of English Literature by Hudson

Pelican Guide to English Literature by Boris Ford ed:

Paper II: Prose and Fiction

Maximum Marks: 100
Min. Pass Marks: 36

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

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

Reference Books :-

English Prose Selections (O.U.P.) ed. Dr. S.S. Deo et al.
The Art of the Essayist By Lockitt, C. H. (ed.)

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Jaipur
SECTION B

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

Reference Books :

Popular Short Stories ed. By Board of Editors (O.U.P.)
Malgudi Days by R. K. Narayan Indian Thought Publications

SECTION C

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

Reference Books :


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


English at the Workplace eds. Sawhney Panja and Varma (Macmillan)
1. ठोला मारु र ठोला—सम्पादक—नरेंद्रम दास स्वामी

दोहा संख्या— 119 से 133

2. विद्यापति—सम्पादक शिवप्रसाद सिंह

नन्दक नन्दन—विद्यापति पदावली

सुन जसिया ऊँचन बजाऊ बिपिन बसिया

विरह व्याकुल मृदुल तर्कतर नुंज भवन से चल भेलित हे

संख हे कलाज न देख मधाई

3. बीसदेव रास—सम्पादक ब्रजनारायण पुरोहित

(ऋचा इण्डिया पब्लिशर्स, बिस्सो का चौक, बीकानेर से)

पद संख्या 2. दुसरई कढ़वई गणपति जाइ..............

3. हंस वाहिणी देवी करि धारइ दीप..............

4. नालह रसायण रस भरि गम्भ..............

11. देस मालव मा हे नगरी धार..............

12. नालह विखाणइ नगरजु धार..............

28. बामण-भाट आया अजमेर..............

50. मिली सहेली कीजइ बात..............

54. जोवइ राजमती कठ वीद..............

4. कबीर दास कबीर ग्रंथावली सम्पादन—श्यामसुन्दर दास

विरह को अंग साखी सं. 7, 8, 9, 11, 12, 13, 14, 15, 16, 17
पंडित वाद वदन्ते झूठा
कोई जागीणा जाणनहारा
न जाने मिलन गोपाला

5. सूरदास सूरसागर सार– सं. डॉ. धीरेन्द्र वर्मा
पद  ऊँधो अखियां अति अनुरागी
     उपना एक न नैन गढ़ी
     ऊँधो मन नाहीं दस–बीस
     निगुण कौन देस को वासी
     हमारे हरि हारिल की लकरी
     उर में मारवन चोर गढ़े
     मधुकर स्थान हमारे चोर
     ऊँधो भली करी ब्रज आए
     बिन गोपाल बैरिन भई कुंजे
     लखियत कालिन्दी अति कारी

6. तुलसीदास कवितावली– गीता प्रेस गोरखपुर
छंद  पुरते निकसी रघुवीर बधू
     जल को गए लक्षन है लरिका
     रानी में जानि अजानी महा
     सुन सुंदर बैन सुधारस साने
     कोपि दशकंघ तव प्रलय पयोध बोले
     पावक पवन, पानी मानु हिम कालु जम्मू
     गजवाजी घटा भले भूरी मरा
     राज सुरेस पदासक की, विधि के मसक
7. जयसी — जयसी ग्रंथावली सं— रामचन्द्र शुक्ल
सिद्धांती धर्मशास्त्र शास्त्र, प्रथम के 5 अंश
सिद्धता धीर शास्त्र अव गांडुंग... गाला लेखि दई कर नामु
8. मीरा — मीरा गुणपति वाली सं— नरेन्द्र स्वामी
पद संख्या — 14, 15, 16, 20, 23, 28, 31, 32
9. रसखान — रसखान जूनावाली सं. विद्याधिवास निश्चया
युजना रसखान अंश से प्रथम 8 छंद

अंक विभाजन
कुल चार व्याख्याएँ
(एक कवि से केवल एक व्याख्या) (आन्तरिक विकल्प देख) 4 x 9 = 36
कुल चार निर्माणक प्रश्न — एक कवि से संबंधित एक ही प्रश्न (आन्तरिक विकल्प देख) 4 x 14 = 56
dो टिप्पणियाँ — आदिकाल और भौतिकाल की प्रथुतियों से 2 x 4 = 08 (आन्तरिक विकल्प देख)

बी.ए. प्रथम वर्ष हिंदी साहित्य
द्वितीय प्रश्न पत्र (कहानी और गद्दी की अन्य विवादाएँ)

पूर्णक 100
खण्ड क
कहानी
चंद्रशेखर शर्मा गुलेशरी — उसने कहा था
प्रेमचंद — नमक का दरोगा
जय शंकर प्रसाद — नन्दुआ
जैनेश्वर — पचेंब
रघुनाथ — खच्चर और आदमी
निम्नलिनी वर्मा — पिपिल्ली चोलकार
गोहान रघुशरी — गलवे का गालिक
नन्दू भाषारी — सजा
शेखर रोसी — दाज्जू
रांगेय राधव — गाँधल

खण्ड ब
गद्दी की अन्य विवादाएँ
सम्भव — अंजोय — बसने के अभ्यास : निराला
कृत्रि — नर्मधीरा भारती — ढेर पर हिमातन्त्र
आलम्बूर — शानी — गर्दीश के दिन
राजीविचंद्र — महादेवी वर्मा — सोना
निम्नलिनी — रांगेय राधव — अदम्य जीवन
प्रणाम — हरिशंकर परस्पर — ठीकठाक हुआ गणतंत्र

अंक विभाजन
कुल चार व्याख्याएँ कहानी खण्ड से दो व्याख्याएँ गद्दी की विवादाएँ खण्ड से
09 x 04 = 36
04 x 14 = 56
02 x 04 = 08

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3. URDU

B.A. Part-I

Paper I : Prose and Drama

Max.Marks 100

Min. Pass Marks 72

Books Prescribed:

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

Division of Marks:

Unit I Ten short answer type questions. Marks 20
Unit II Explanation of Two Out of Three Texts. Marks 20
Unit III Critical Appreciation of a Prose & Poetry 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

Min.Pass Marks 36

Books prescribed:

   The following are prescribed from the book:
   (a) Ghazaliyat : Meer, Atish & Ghalib
   (b) Nazmen: Iqbal, Nazeer & Josh.
2. Jadeed Idemul Balaghat by Abdul Majeed Khan
   The following Rhetorics (Sanaya) Only:

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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.

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Jaipur
4. PERSIAN

B.A. Part-I

Paper I: PROSE

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

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:

Unit-1  (A) Ten short answer type questions based on full paper.  10
         (B) Explanation of 2 passages out of 3 from the prescribed Text  20
Unit-2  Translation of 2 passages out of from the prescribed Text  20
Unit-3  Biographical questions on prescribed writers  15
Unit-4  Critical questions on prescribed writers  15
Unit-5  Summary of a lesson  20

Total  100

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.

Paper-II: POETRY

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

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University of Rajasthan
Jaipur
1. Ghazaliyat Hafiz First Five (Intekhab-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. Intekhab-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 balaghath By Abdul Majeed Khan (only the following sanaya):

Division of Marks:

<table>
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<th>Description</th>
<th>Marks</th>
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<tr>
<td>Unit-1</td>
<td>(A) Ten short answer type questions based on full paper.</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>(B) Translation two passage out of three in to Urdu from Manzoomat.</td>
<td>20</td>
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<tr>
<td>Unit-2</td>
<td>Translation of two passages out of three in to Urdu from Ghazliyat.</td>
<td>20</td>
</tr>
<tr>
<td>Unit-3</td>
<td>Biographical/Critical question on Ghazal writer.</td>
<td>15</td>
</tr>
<tr>
<td>Unit-4</td>
<td>Biographical/Critical question on Nazm writer.</td>
<td>15</td>
</tr>
<tr>
<td>Unit-5</td>
<td>Rhetoric's with definition &amp; examples/Critical questions</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>100</td>
</tr>
</tbody>
</table>

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

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5 Sanskrit

बी.ए. संस्कृत प्रथम वर्ष 2021

सामान्य निर्देश –

1. प्रत्येक परीक्षा में दो—दो प्रश्नपत्र होंगे।
2. प्रत्येक प्रश्नपत्र में चौथातम उत्तरीणक 36 तथा पूर्णक 100 होंगे और सामय 3 घंटे का होगा।
3. परीक्षा का माध्यम हिंदी/अंग्रेजी होगा, परन्तु प्रश्नपत्र केवल हिंदी में बनाया जायेगा।
   परीक्षार्थी को छूट होगी कि वह हिंदी/संस्कृत अथवा अंग्रेजी में किसी एक भाषा में उत्तर दे सके। यदि परीक्षा के किसी प्रश्न विशेष के लिए भाषा का निर्देश कर दिया है तो उस प्रश्न का उत्तर उसी भाषा में देना अनिवार्य होगा।
4. संस्कृत केवल देवनागरी लिपि में ही लिखा जाना अपेक्षित है।
5. निर्धारित ग्रंथ में से अनुवाद, व्याख्या, सरलार्थ एवं समालोचनात्मक प्रश्न पूछे जायेंगे।
6. प्रत्येक प्रश्नपत्र में 10 प्रश्नें अंक संस्कृत में उत्तर के लिये निर्धारित हैं।
7. प्रत्येक प्रश्नपत्र में दो भाग होंगे, जिनमें प्रथम ‘अ’ भाग लघुतरामक प्रश्नों का होगा। ‘ब’ भाग में संबंधात्मक प्रश्न होंगे। ‘अ’ भाग में कुल 15 प्रश्न होंगे, जिनका पूर्णक 30 होगा।

परीक्षा योजना—

| प्रथम प्रश्न—पत्र | पूर्णक—200 |
| प्रथम प्रश्न—पत्र | अंक—100 |
| द्वितीय प्रश्न—पत्र | अंक—100 |

प्रथम प्रश्न—पत्र

दृश्य एवं श्रवण काय्य

समय : 3 घंटे

प्रथम प्रश्न में निर्धारित ग्रंथ में से लघुतरामक संबंधात्मक, अनुवाद, व्याख्या व समालोचनात्मक प्रश्न पूछे जायेंगे। 15 प्रश्न लघूतरामक होंगे जिनमें 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 हं वह संस्कृत में उत्तर अपेक्षित नहीं हैं।

पाठ्यक्रम

1. स्वच्छन्दशब्दनाम (भास) 25 अंक
2. नीतिशास्त्रम (भरतरि) 30 अंक
3. रघुवराधम प्रथम सर्ग 25 अंक
4. अनुवाद—संस्कृत से हिंदी—कारक संबंधी पांच वाक्य 10 अंक
5. हिंदी से संस्कृत दस में से पांच वाक्य 10 अंक

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अंक—विभाजन

<table>
<thead>
<tr>
<th>क्र. सं.</th>
<th>पुस्तक का नाम</th>
<th>लघूतरलक प्रश्न</th>
<th>अंक</th>
<th>निबन्धालम्ब प्रश्न संख्या</th>
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<td>स्वाभाविकताद्वार</td>
<td>लघूतरलक 5</td>
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<td>20</td>
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<td>3.</td>
<td>रघुवंशम् (प्रथम गय)</td>
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<td>हिन्दी से संस्कृत दस में से पांच वाक्य</td>
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<td></td>
<td>30</td>
<td>08</td>
<td>70</td>
<td>100</td>
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प्रश्न—पत्र का निर्माण निम्नानुसार होगा—

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

लघूतरलक प्रश्न के 2 अंक निर्धारित हैं।

निबन्धालम्ब/ व्याख्यात्मक प्रश्न

स्वाभाविकताद्वार

भाग अ में 2-2 अंक के पांच लघूतरलक प्रश्न पूछे जायेंगे।

भाग ब

1. 4 श्लोक पूछकर उनमें से किसी 2 की सहस्रसंग व्याख्या पूछी जायेंगी।
   2. दो विवेचनालम्ब प्रश्न पूछकर किसी एक का उत्तर देय है।

नीतिशास्त्र

भाग अ में 2-2 अंक के पांच लघूतरलक प्रश्न पूछे जायेंगे।

भाग ब

1. 4 श्लोक पूछकर उनमें से किसी 2 की सहस्रसंग व्याख्या पूछी जायेंगी।
   2. दो विवेचनालम्ब प्रश्न पूछकर किसी एक प्रश्न का उत्तर देय होगा।

रघुवंशम् (प्रथम गय)

भाग अ में 2-2 अंक के पांच लघूतरलक प्रश्न पूछे जायेंगे।

भाग ब

1. 4 श्लोक पूछकर उनमें से किसी 2 श्लोकों की सहस्रसंग व्याख्या पूछी जायेंगी।
   2. दो विवेचनालम्ब प्रश्न पूछकर किसी एक प्रश्न का उत्तर देय होगा।

अनुवाद

1. संस्कृत से हिन्दी—कारक संबंधी पांच वाक्यों का अनुवाद अपेक्षित है।
   2. हिन्दी से संस्कृत—दस वाक्य देकर पांच वाक्यों का अनुवाद अपेक्षित है।

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1. स्वनवासवतदत्त-डॉ. कृष्णदेव प्रसाद-जगदीश संस्कृत पुस्तकालय, झालानियों का रास्ता, जयपुर।
2. स्वनवासवतदत्त-डॉ. रवनासारण टिपाठी-रचना प्रकाशन, जयपुर। स्वनवासवतदत्त-संस्कृत हिंदी व्यक्तियों-डॉ.जगन्नाथ पांडेय, जगदीश संस्कृत पुस्तकालय, झालानियों का रास्ता, जयपुर।
3. स्वनवासवतदत्त-डॉ. सुभाष वेदालकर, अलंकार प्रकाशन, जयपुर।
4. स्वनवासवतदत्त-डॉ. श्रीकृष्ण ओझा, अभियंतक प्रकाशन, चौड़ा रास्ता, जयपुर।
5. नीतिशतकम्-डॉ. गोपाल शर्मा, हंसा प्रकाशन, जयपुर।
6. नीतिशतकम्-डॉ. श्रीकृष्ण ओझा, राज प्रकाशन मंदिर, जयपुर।
7. नीतिशतकम्-डॉ. सुभाष वेदालकर, हंसा प्रकाशन, जयपुर।
8. रघुद्रशाम् (प्रथम संग्रह)
9. संस्कृत व्याकरण-श्री निवास शास्त्री।
10. वृहद अनुवाद चन्द्रका-चक्रधर हंस नौतियाल

द्वितीय प्रश्न-पत्र

समय : 3 घण्टे
अंक-100

भारतीय संस्कृति के तत्त्व, पद्ध साहित्य, व्याकरण

प्रश्नपत्र योजना—प्रथम प्रश्न में निर्धारित ग्रन्थ में से लघूतत्त्वक कल्पित, अनुवाद, व्याख्या व समालोचनात्मक प्रश्न पूछे जायेंगे।

पाठ्यक्रम

1. भारतीय संस्कृति के तत्त्व —

क— भारतीय संस्कृति-विषय, पूर्वभूमि, विशेषताएं।
ख— भारतीय संस्कृति के विकास की रूपरेखा—पूर्ववैदिक काल, वैदिकोत्तरकाल, मध्यकाल एवं आधुनिक काल।
ग— प्राचीनकाल—राजनीतिक, सामाजिक एवं आर्थिक रिसर्च।
घ— वर्ग, आधर्म्य, एवं संस्कार।
ड— शिक्षा (वैदिककाल से लेकर 7वीं शताब्दी तक)
च— लेखन-कला की उत्पत्ति।
छ— भारतीय दर्शन की प्रमुख विचारधाराएं।
ज— भारतीय संस्कृति का मानव-कल्याण में योगदान।

2. किशनायुगीयम् (प्रथम संग्रह)—भारविकृत

3. व्याकरण—लघुसिद्धान्तकौमुदी-संस्कृत, एवं संधि प्रकरण

क— संधि प्रकरण—10 अंक
ख—अक्ष संधि—10 अंक
ग— हल संधि—10 अंक
घ— विसंग्रह संधि—05 अंक

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4. निम्नलिखित कृति प्रत्येक से वाक्य निर्मिति सम्बन्धी प्रश्न

<table>
<thead>
<tr>
<th>क्र. सं.</th>
<th>पुस्तक का नाम</th>
<th>लघूत्रात्लक प्रश्न</th>
<th>अंक</th>
<th>निबन्धात्मक प्रश्न संख्या</th>
<th>अंक</th>
<th>अंकों का योग</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>भारतीय संस्कृति के तत्त्व</td>
<td>लघूत्रात्लक 3</td>
<td>06</td>
<td>02</td>
<td>14</td>
<td>06+14=20</td>
</tr>
<tr>
<td>2.</td>
<td>किराताजुनीयमः (प्रथम सर्ग)</td>
<td>लघूत्रात्लक 4</td>
<td>08</td>
<td>02</td>
<td>17</td>
<td>08+17=25</td>
</tr>
<tr>
<td>3.</td>
<td>लघूसिद्धान्तकोमुदीसंधा, एवं संधि प्रकरण</td>
<td>लघूत्रात्लक 5</td>
<td>10</td>
<td>01</td>
<td>25</td>
<td>10+25=35</td>
</tr>
<tr>
<td>4.</td>
<td>कृति प्रत्यय</td>
<td>लघूत्रात्लक 3</td>
<td>06</td>
<td>07</td>
<td>14</td>
<td>06+14=20</td>
</tr>
</tbody>
</table>

कुल        | 15        | 30        | 10        | 70        | 100       |

प्रश्न-पत्र का निर्माण निम्नानुसार होगा:

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

लघूत्रात्लक प्रश्न के 2 अंक नियमित हैं।

निबन्धात्मक/ व्याख्यात्मक प्रश्न

भारतीय संस्कृति के तत्त्व

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

भाग ब

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

किराताजुनीयमः (प्रथम सर्ग)

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

08 अंक

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[Signature]
भाग २

1. ४ लोक पूर्वक उनमें से किन्हीं २ लोकों को समस्त व्याख्या पूरी जायेगी। १२ अंक
2. दो विद्याविधानक प्रश्न पूरकर किसी एक प्रश्न का उत्तर देय होगा। ५ अंक

व्यक्ति-लघुसिद्धान्त कौषुम्नी

भाग आ में २-२ अंक के पाँच लघुसिद्धान्त प्रश्न पूछे जायेगे। १० अंक

भाग ब

क. संज्ञा प्रश्न

४ सूत्र पूरकर किन्हीं २ सूत्रों की सोदाहरण व्याख्या अपेक्षित है। प्रत्येक व्याख्या के लिये २ अंक निरिखित हैं। ०४ अंक

ख. अचू संधि-

४ सूत्र पूरकर किन्हीं २ सूत्रों की सोदाहरण व्याख्या अपेक्षित है। प्रत्येक व्याख्या के लिये २ अंक निरिखित हैं। ०४ अंक

४ शब्दसिद्धि पूरकर किन्हीं २ शब्दों की सृजनान्दे पूर्वक सिद्धि अपेक्षित है। प्रत्येक सिद्धि के लिये २ अंक निरिखित हैं। ०४ अंक

ग. हल संधि-

४ सूत्र पूरकर किन्हीं २ सूत्रों की सोदाहरण व्याख्या अपेक्षित है। प्रत्येक व्याख्या के लिये २ अंक निरिखित हैं। ०४ अंक

४ शब्दसिद्धि पूरकर किन्हीं २ शब्दों की सृजनान्दे पूर्वक सिद्धि अपेक्षित है। प्रत्येक सिद्धि के लिये २ अंक निरिखित हैं। ०४ अंक

घ. विस्मय संधि-

२ सूत्र पूरकर किसी १ सूत्र की सोदाहरण व्याख्या अपेक्षित है। ०२ अंक

२ शब्दसिद्धि पूरकर किसी १ शब्द की सृजनान्दे पूर्वक सिद्धि अपेक्षित है। ०३ अंक

ड़ कृत्त्र प्रत्यय-

भाग आ में २-२ अंक के तीन लघुसिद्धान्त प्रश्न पूछे जायेगे। ०६ अंक

भाग ब

(कृत्त्रिम के प्रयोग पूर्वक संस्कृत में चार वाक्यों का निर्माण अपेक्षित है। १४ अंक

कुल योग-१०० अंक

सहायक पुस्तक- भारतीय संस्कृति

1. भारतीय संस्कृतिक निधि- डा. रमजी उपाध्याय, महानन्दनुरी, वाराणसी।
2. भारतीय संस्कृति-श्री रघुनाथ साव, श्याम प्रकाश चौहान राष्ट्र, जयपुर।
3. भारतीय संस्कृति- वाई.एस.सर्वस-रचना प्रकाशन,जयपुर।
4. भारतीय संस्कृति- डा. रमजी उपाध्याय, महानन्दनुरी, वाराणसी।
5. भारतीय दर्शन- डा. बलदेव उपाध्याय, चौघावा प्रकाशन, वाराणसी।

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किशनाजुनीयम
1. किशनाजुनीयम (प्रथम संग्रह)–आचार्य नवल किशोर कांकर, विद्या वैभव भवन, जयपुर।
2. किशनाजुनीयम (प्रथम संग्रह)–श्री विश्वनाथ शर्मा, आदर्श प्रकाशन , जयपुर।
3. किशनाजुनीयम (प्रथम संग्रह)–डॉ. सुभाष बेदालकर, अलंकार प्रकाशन, जयपुर।

अनुवाद के लिए
1. संस्कृत रचनानुवाद मंजरी–पं. नंदकुमार शास्त्री, अजमेरा बुक कंपनी, शिखोलिया बाजार, जयपुर।
2. रचनानुवाद कौमुदी–डॉ. कपिलदेव श्रीवेदी, वाराणसी।
3. रचनानुवादन्याय–डॉ. श्रीणवास शास्त्री, कुरुक्षेत्र।

व्यक्ति के लिये
1. लघुसिद्धान्त कौमुदी–श्रीगंगा सिंह कुशवाहा, चौकम्बा संस्कृत प्रतिष्ठान, दिल्ली।
2. लघुसिद्धान्त कौमुदी–श्री धरान्त शास्त्री, मोतीलाल मनोरंजन सेवासंग्रह, दिल्ली।
3. लघुसिद्धान्त कौमुदी–भीमसेन शास्त्री।
4. संस्कृत व्यक्ति–श्री निवास शास्त्री।
5. वृहद अनुवाद चन्द्रका–चक्रकार हंस नौटियाल।

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6 PHILOSOPHY

B.A. Part-I

Scheme:

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

General Instructions:

(1) There shall be two question papers: Paper I and Paper II.

(2) Both the question papers will be in two parts: Part I & Part II

(3) Part I of the question paper will be of 40 marks in total. This part will consist of twenty compulsory short questions, with 2 marks each. The word limit for these questions shall be upto 50 words. These questions will cover the entire units and there will be no unit wise division of the questions asked in this part.

(4) Part II of the question paper will be of 60 marks and students will required to write detailed answer in the answer sheet only. If syllabus (course contents) of a paper is divided into two units i.e. Unit A and Unit B, then in this part of the question paper six questions will be asked in total: three questions from each unit. Student will be asked to attempt three questions in total and at least one question from each unit. Each question will be of 20 marks. If syllabus (course contents) of a paper is divided into three Units i.e. Unit A, B & C then in the Part II of the question paper, which consist of Essay type questions, six questions will be asked in total: two questions from each Unit. Students will be required to attempt three questions in total and one question from each Unit. The ideal word limit for these questions is 500-600 words.

Paper I: Indian Philosophy

Unit A:

1. Nature of Indian Philosophy: plurality as well as common concerns.
2. Basic concepts of the Vedic and the Upanisadic world-views, Rta (the cosmic order): the divine and the human realms, the centrality of the institution of Yajna (sacrifice), Rna (duty/obligation).
3. Carvaka school: its epistemology, metaphysics and ethics.

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Unit B:

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


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

4. Yoga: citta and citta-vrtti, eightfold path, God.

Unit C:


2. Advaita: nirguna brahman, adhyasa, rejection of difference, vivartavada, maya, three grades of satta, pramanas, jiva, jivanmukti.


Prescribed Reading:

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

Suggested Readings:

M. Hiriyanna: Outlines of Indian Philosophy (Hindi translation available)
C.D. Sharma: A Critical Survey of Indian Philosophy (Hindi translation available)
S.N. Dasgupta: A History of Indian Philosophy, Vols. I to V (Hindi translation available, Hindi Granth Academy, Jaipur)
S. Radhakrishnan: Indian Philosophy, Vols. I & II, (Hindi translation available, Rajkamal, Delhi).
R.D. Ranade: A Constructive Survey of Upanisadic Philosophy (Hindi translation available, Hindi Granth Academy, Jaipur)
R. Puligandla: Fundamentals of Indian Philosophy

संगम लाल पाण्डे: भारतीय दर्शन का सर्वेक्षण, सेन्ट्रल पब्लिशिंग हाउस, इलाहाबाद।

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Paper II: History of Western Philosophy

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

Unit B:
2. Descartes: Method and the need for method in philosophy, method of doubt, cogito ergo sum, types of ideas, mind and matter, mind-body interactionism, God: nature and proofs for his existence.
4. Leibniz: Monadology, doctrine of pre-established harmony; truths of reason and truths of fact, innateness of all ideas, principles of non-contradiction, sufficient reason and identity of the indiscernible, God: nature and proofs for his existence.

Unit C:
1. Locke: Theory of knowledge-ideas and their classification, refutation of innate ideas, knowledge and its grades, substance, qualities: primary and secondary
2. Berkeley: Rejection of abstract ideas, rejection of the distinction between primary and secondary qualities, immaterialism, esse est percipi: the problem of solipsism.
3. Hume: Theory of knowledge- impressions and ideas; judgments concerning relations of ideas and judgments concerning matters of fact; causality; external world, self and personal identity; rejection of metaphysics; skepticism.
4. Kant: conception of critical philosophy; classification of judgments: analytic, synthetic, a priori, a posterior, possibility of synthetic apriori judgments.

Suggested Readings:

W.T. Stace : *A Critical History of Greek Philosophy*
J.S. Srivastava : 1- शीक दर्शन का वैज्ञानिक इतिहास, किताब महल, इलाहाबाद
                    2- मध्ययुगीन दर्शन का वैज्ञानिक इतिहास, किताब महल, इलाहाबाद
                    3- आधुनिक दर्शन का वैज्ञानिक इतिहास, किताब महल, इलाहाबाद
याकूब मसीह : पारंपारिक दर्शन का संगीतात्मक अध्ययन, मोतीलाल बनारसीदास, दिल्ली (English Translation Available)
F. Thilly : *History of Western Philosophy* (Hindi Translation Available)

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The scheme of examination will be as follows:

Scheme:
Maximum Marks 200

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

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

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

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

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

रीतेका योजना:
अधिकतम अंक 200
प्रथम प्रश्नपत्र राज्य 3 घंटे अंक 100
द्वितीय प्रश्नपत्र राज्य 3 घंटे अंक 100

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

प्रत्येक प्रश्नपत्र के दो भाग होंगे। प्रथम भाग 40 अंकों का होगा एवं इस भाग में दो अनिवार्य प्रश्न होंगे।
20 अंकों के प्रथम अनिवार्य प्रश्न में, दो-दो अंक के 10 अनिवार्य असलीप्रश्नात्मक प्रश्न होंगे। प्रत्येक उत्तर की श्रेणी सीमा 20 शब्द।
20 अंकों के द्वितीय अनिवार्य प्रश्न में, चार-चार अंकों के 10 लघुप्रश्नात्मक प्रश्न होंगे जिनमें से 05 प्रश्न करने होंगे। प्रत्येक उत्तर की श्रेणी सीमा 50 शब्द।

प्रश्नपत्र के द्वितीय भाग में, पाठ्यक्रम के तीन अध्यायों में दो, प्रत्येक खण्ड से दो-दो प्रश्नों का चयन करते हुए, कुल 06 निकालके प्रश्न होंगे। प्रत्येक प्रश्न 20 अंकों का होगा। परीक्षादिवस के प्रत्येक क्षण में 05 अंकों का चयन करते हुए कुल 03 प्रश्न हल करने होंगे। प्रश्नपत्र का यह भाग 60 अंकों का होगा।

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PAPER I: HISTORY OF INDIA (FROM THE BEGINNING UPTO 1200 A.D.)

Section - A


Section - B


Section - C

प्रथम प्रमुखता: भारत का इतिहास (आदर्शस्थूल से 1200 ईस्वी तक)

खण्ड - क

1200 ईस्वी तक भारत के इतिहास के मुख्य चौकोट। भारत की प्रारम्भिक संस्कृतियों का संक्षिप्त सारांश। सिंधु-सारस्वती सम्प्रदाय - उद्याग, विद्यापीठ, समाज, अर्थव्यवस्था एवं धर्म। भारत के लोहकालीन संस्कृतियों का संक्षिप्त सारांश। जनसंख्या एवं माहात्मनयों का उदय - राजा समुह एवं गणक राज्य। नैदंतिक भाषा तक मानव सामाजिकता का उल्कर्ष। जीवन धर्म एवं सुसंस्कृत धर्म - उद्याग, विज्ञान, योगान्यात।

खण्ड - र

पौर्ण साम्राज्य - ग्रूह चौकोट। संस्कृत संस्कृत संस्कृत में अर्घका, अर्घका का धर्म - इसकी प्रकृति एवं प्रदान। साम्राज्य एवं प्रशासन, समाज एवं अर्थव्यवस्था, कला एवं धर्म। मायाका का धर्म। घरों का नाम (लगभग 200 ई, पूरे से 300 ईस्वी) - तुंगी, बंगाली, उत्तरी एवं काृत्रि में कृत्रिम उपलब्धि। मायाका के सामाजिक, धार्मिक एवं आर्थिक जीवन, तथा साहित्य एवं कला का विवेक। सामाजिक साहित्य, समाज, अर्थव्यवस्था एवं संस्कृति।

खण्ड - ग

गुप्त साम्राज्य - संस्कृत, वस्तुधार द्वीपसम्पन्न, संसर्गायिक संस्कृति, अलंकारिक संसर्गायिक उपलब्धि। राज्य एवं प्रारम्भिक संस्कृति। सामाजिक एवं आर्थिक जीवन। धार्मिक धौरा एवं संस्कृति। साहित्य, कला एवं विज्ञान का विवेक। 750 ईस्वी तक घरों का विकास - छात्रवृत्ति, चालू शैली एवं पत्त्वी की उपलब्धि। भगवती संस्कृति। सामाजिक/राजकीय चौकोट एवं उनकी उपलब्धि। 750 से 1200 ईस्वी के काल में सामाजिक एवं आर्थिक परिस्थितियों का अध्ययन तथा संस्कृति जीवन का संक्षिप्त सारांश।

Books Recommended (अनुसारित पुस्तकें):

H. D. Sankalia: Prehistory of India, Murtshiram Manoharlal, New Delhi, 1977
R.K. Mookerji: Chandragupta Maurya and His Times, Delhi, 1952
(Also in Hindi)
Aisoa, Delhi, 1972 (also in Hindi)
B. N. Puri: India under the Kushanas, Bombay, 1965

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

Section - A

Section-B


Section-C


डिवितीय प्रश्नपत्र : राजस्थान का इतिहास (आरंभिक काल से 1956 ईस्वी तक)

खण्ड - क

राजस्थान का इतिहास के स्रोतों का सर्वक्षण। राजस्थान में पुरातात्विका सन्तानी एवं ध्यानात्मक संस्कृतियाँ। तात्पर्य अनुसार एवं तात्कालिक संस्कृतियाँ का विस्तार एवं विशेषताएँ। कहाँ, कहाँ, गहने, गहने। कालीका संस्कृति की विशेषताएँ। राजस्थान में मल्य जनजाति एवं मल्यात्मक जातियाँ। राजपूतों का उदय। गुर्जर, हूं, वर्तिहारों एवं शाहनामों का उत्कर्ष एवं स्तर।

खण्ड - ख

राजस्थान में मुसलमान आक्रमण का राजस्थान प्रतिरोध। महाराणा कुंभा एवं संगम के अधीन मंगलुर। प्रथम प्रतिमा का स्वतंत्रता के लिए सार्थक। स्वातंत्र्य के लिए चंदेलों के प्रयास। स्वातंत्र्य जयदेव का पद। राजस्थान में समस्त एवं संस्कृति की गुड़ विशेषताओं का सहित सर्वक्षण (1200-1750 ईस्वी)।

खण्ड - ग

राजस्थान में मराठा आक्रमण एवं उनका प्रभाव। ब्रिटिश प्रभुत्व का स्वीकार एवं इसके परिणाम।

8 ईस्वी के पश्चात प्रशासनिक एवं व्यापारिक परिवर्तन। सामाजिक परिवर्तन – कथा-विषय एवं साती प्रतिरोध। व्यापारिक परिवर्तन – वृत राजस्थान बंदोबस्त। नाम एवं अक्षरों व्यापार पर ब्रिटिश एकाधिकार।

स्थान में 1857 का विराट। राजस्थान में आर्थिक समाज का प्रभाव। क्रृषि आन्दोलनों एवं जनजातिय उन्नयन का एक संक्षिप्त सर्वक्षण। राजस्थान में प्रजामंडलों का गठन एवं स्वाधीनता संग्राम। राजस्थान के एक संक्षिप्त सर्वक्षण।

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Rajasthan through the Ages, Vol. I, Bikaner, 1966
Early Chauhan Dynasties, Delhi, 1975
Rajasthan through the Ages, Vol. II
Metwai and the Mughal Emperors
Social Life in Medieval Rajasthan
Rajasthan through the Ages, Vol. III
Surplus to Subsistence, Delhi, 1994
Concise History of Modern Rajasthan
Early History of Rajasthan, Delhi, 1978
The History of the Gurjara-Pratiharas, Delhi, 1975
Society and Culture in Rajasthan c. A.D. 700-900, Delhi, 1996
Life & Times of Sawai Jai Singh (also in Hindi)
Rajasthan: Prehistoric and Early Historic Foundations,
Aryan Books International, New Delhi, 2007
Excavations at Ahar (Tambavati), 1961-62, Deccan College,
Poona, 1969
A History of Rajasthan, Rupa & Co., New Delhi, 2006

Rajasthan ka Itihas, Agra
Rajasthan ka Sanskritik Itihas, Rajasthan Hindi Pratham,
Akademi, Jaipur
Rajasthan ka Itihas ke Shraddha Rajasthan Hindi Pratham, Akademi, Jaipur
Uttranchal ka Sanskritik Itihas, Lakshana
Adhyayanik Rajasthan ka Itihas, Jaipur
Adhyayanik Rajasthan ka Sanskritik Itihas, Kapal II, Rajasthan Hindi Pratham, Akademi, Jaipur

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University of Rajasthan
Political Science

B.A. Part-I

Scheme of Question Papers

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

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

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

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

Prashna Prashan- Patra Rajniti-Vijnana ke Mool Aadhar

Khand 'A'


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University of Rajasthan
Jaipur
Paper-I : Foundations of Political Science

Section-‘A’

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

Section-‘B’

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

Section-‘C’

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

Books recommended:-

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

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Jaipur
Paper - II: Representative Indian Political Thinkers

Section - A

Manu, Kautilya, 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.
Vishnood Bhagavan: Pramukh Bhartiya Rajnitik Vicharak (Adarch Prakashan, Chaura Rasata, Jaipur)
N.P. Verma: Indian Political Thought Vol. I&II
J.P. Sood: Main Currents of Indian Political Thought.

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University of Rajasthan
Jaipur
9. INDIAN MUSIC (Vocal)

B.A. Part-I, 2021

Scheme:

<table>
<thead>
<tr>
<th>Number of Student</th>
<th>Max. 15</th>
<th>Min. 04</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper I</td>
<td>3 hrs. duration</td>
<td>Max. Marks 40</td>
</tr>
<tr>
<td>Paper II</td>
<td>3 hrs. duration</td>
<td>Max. Marks 40</td>
</tr>
<tr>
<td>Practical</td>
<td></td>
<td>Max. Marks 120</td>
</tr>
</tbody>
</table>

Teaching Hours

Practical: 6 Hours Per Week

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

Total Teaching Hours: For Practical – 06, For Theory 04 Hours Per Week

Note:
1. Candidates are required to opt any one branch separately out of Indian Music (Vocal) and Indian Music (Instrumental-Sitar), which will continue up to Part-III.
2. Each theory paper will contain nine questions having three questions in each section. Candidates are required to attempt five questions in all selecting at least one question from each section.
3. Candidates must pass separately in each of the paper Theory and Practical wherever prescribed separately.

Paper I

Principles of Indian Music (VOCAL)

Section – A

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


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

Section – B

1. Important and Basic rules regarding Hindustani Music.

2. Writing of the prescribed Talas, with Dugun, Dhamar, Keharva, Trital, Jhaptal, Ektal, Chautal, Dadra.

Dy. Registrar (Academic-I)

University of Rajasthan

Jaipur
Section – C

1. Classification of Indian instruments.
2. Notation writing of Composition in the prescribed Ragas.

Paper II

History of Indian Music (VOCAL)

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


Section – B

1. Contribution of the following g:
Jaidev, Swami Haridas, Amir Khusro, Tansen.
2. General study: Development of Music from 13th to 18th century with special reference to: (a) Religion and Music, (b) Musical Compositions, (c) Musical Instruments.

Section – C

1. Use and description of the following instruments: Tabla, Tanpura and Harmonium.
2. Elementary knowledge of the following dances: Kathak, Bharat Natyam, Kathakali and Manipuri.

Practical (Vocal)

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

(Non-collegiate candidates will have to attend a practical course of forty eight hours at university allotted centres)

Duration of Exam.: 1 hour per candidate.

Presentation of Ragas & Viva-voce Max. Marks 120
(Pertaining to general questions on Raga, Laya and Taal and to sing all the Ragas prescribed in the syllabus).

Detailed Course:

Vocal Music

1. To sing a given musical piece and to recognize the raga & swaras when sung.

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Jaipur

\[ \text{Signature} \]
2. To show the difference of ragas by means of characteristics swarvistaras and to sing swar-vistar in all the ragas.

3. To know orally the “bol” with Dugun and mark time on hand and to recognize the following talas when played on tabla-Dhamar, Tilwara, Trital, Jhapatl, Ektal, Chautal, Kaharva and Dadra.

4. To sing Aroh, Avroh, Pakad and Swar Vistar of the following ragas- Yaman, Bageshree, Bhoopali, Bheempalasi, Alhaya Bilawal, Hindol, Hameer, and Desh.

5. With the accompaniment of tabla to sing slow khayal and fast khayal with sufficient alaps and taan of different varieties in the following three ragas- (i) Yaman (ii) Bageshree (iii) Bheempalasi.

6. To sing a Fast Khayal or Tarana with sufficient Tanas in any three ragas of the following –(i) Alahaiya-bilawal (ii) Hindol (iii) Hameer (iv) Bhoopali (v) Desh.

7. With the accompaniment of tabla or pakhawaj to sing one Dhruvpad 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

Books Recommended:

1. A Short Historical Survey of the Music of Northern India by Pt. V.N. Bhatkhande.

2. संगीत के जीवन पृष्ठ – संगीत नव-शाही

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 (Uttararaadha) by Raja Bhaiya Poonchwale.


13. Hindustani Sangeet Paddyati (Shastra) by Pt. Bhatkhande

14. Sangeet Rasmanjari- Pt. Laxman Bhatt Tailang

15. Sangeet Mani Part-I,II- Maharani Sharma

16. Sangeet Swarit- Ramakant divedi

17. Panchashika Sangeet Vimal Manjari- Pt. Laxman Bhatt Tailang

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University of Rajasthan  
Jaipur
OR

INDIAN MUSIC (INSTRUMENTAL-SITAR)

B.A. Part-I : 2021

Scheme :

<table>
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<td>Max. Marks 40</td>
</tr>
<tr>
<td>Practical</td>
<td></td>
<td>Max. Marks 120</td>
</tr>
</tbody>
</table>

Teaching Hours

Practical : 6 Hours Per Week

Theory

Paper -I 2 Hours Per Week

Paper -II 2 Hours Per Week

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

Note :

1. Candidates are required to opt any one branch separately out of Indian Music (Vocal) and Indian Music (Instrumental-Sitar) which will continue up to Part-III.

2. Each theory paper will contain nine questions having three questions in each section. Candidates are required to attempt five questions in all selecting atleast one question from each section.

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

Paper I

Principles of Indian Music (Instrumental)

Section –A

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


Dy. Registrar (Academic-I)
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Jaipur
2. Critical study of all the Ragas, Identification and development of Raga through Alaps: Yaman, Bageshwari, Alhaiya Bilawal, Bhoopali, Hindol, Hameer, Des and Bhimpalasi.

**Section – B**

3. Important and Basic rules regarding Hindustani Music.
4. Writing of the prescribed Talas, with Dugun, Dhamar, Keharva, Trital, Jhaptal, Ektal, Chautal, Dadra.

**Section – C**

5. Classification of Indian instruments.
6. Notation writing of Composition, Gats in the prescribed Ragas.

**Paper II**

**History of Indian Music (Instrumental)**

**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**


**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 Harmonium.
6. Elementary knowledge of the following dances: Kathak, Bharat Natyam, Kathakali and Manipuri.

**Practical Instrumental (Sitar)**

There shall be one practical paper. (conducted by two different Examiners: External and Internal)
Syllabus : B.A. Part-I

(Non-collegiate candidates will have to attend a practical course of forty eight hours at university allotted centres)

Duration of Exam. : 1 hour per candidates.

**Presentation of Ragas & Viva-voce**

(Pertaining to general questions on Raga, Laya and Taal and to play all the ragas prescribed in the syllabus).

**Max. Marks 120**

**Detailed Course :**

**Vocal Music**

1. To play a given musical piece and to recognize the raga & swaras when sing.
2. To show the difference of ragas by means of characteristics swarvistaras and to play swar-vistar in all the ragas.
3. To know orally the “bol” with Dugun and mark time on hand and to recognize the following talas when played on tabla-Dhamar, Tilwara, Trital, Jhaltal, Ektal, Chautal, Karharva and Dadra.
4. To play Aroh, Avroh, Pakad and Swar Vistar of the following ragas- Yaman, Bageshree, Bhoopal, Bheempalasi, Alhaiya Bilawal, Hindol, Hameer, and Desh.
5. To play a vilambit Gat (विलम्बितगत) and Fastgat (दुर्तगत) with sufficient varieties of Todas and Jhalas in the following Three ragas. (i) Yaman (ii) Bageshree (iii) Bheempalasi.
6. With the accompaniment of tabla to play a Fastgat (nzqrxr ) with Todas and Jhalas in any Three ragas of the following (i) Alhaiya-bilawal (ii) Hindol (iii) Hameer (iv) Bhoopali (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.
9. One Sargam

**Instrumental Music**

Candidate can be offered 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.

**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.शय।
3. Vadya shastra - Shri Harish Chandra Srivastava,

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Jaipur

Raj | Jai
5. Sangeet Visharad by Basant.
6. Comparative Study of the Music of the 15\textsuperscript{th} 16\textsuperscript{th} and 17\textsuperscript{th} Centuries, By Pt. V.N. Bhatkhande (Sangeet Karyalaya, Hathras.)
8. Tan Malika, Pt. III (Uttararadha) by Raja Bhaiya Poonchwale.
13. Hindustani Sangeet Paddyati (Shastra) by Pt. Bhatkhande
14. Sangeet Rasmanjari- Pt. Laxman Bhatt Tailang
15. Sangeet Mani Part-I,II- Maharani Sharma
16. Sangeet Swarit- Ramakant divedi
17. Panchashika Sangeet Vimal Manjari- Pt. Laxman Bhatt Tailang
# Public Administration

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

Note: Each paper shall consist of two parts.

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

**Part-II** divided into three sections - each section contains 2 descriptive type question of 20 marks each. The candidates are required to attempt three questions selecting one question from each section. Total Marks: 60
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. Bhamhbari: Public Administration
5. Rumki Basu: Public Administration.
7. S.L. Goel; Public Administration - Theory & Practice.
10. Surendra Katariya, Lok Prashashan Ke Tatav.

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Paper II: Public Administration in India

Section - A

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

Section - B


Section - C

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

Books Recommended:

1. S. R. Maheshwari: Indian Administration.
2. P. Sharan; Public Administration in India.
3. Ramesh Achar & Rajni Goyal: Indian Public Administration.
4. Avasthi & Avasthi: Indian Administration.
6. श्री.एल. फडिया: भारत में लोक प्रशासन
7. श्री.डी. शर्मा एवं श्री.एम. शर्मा: भारतीय प्रशासन
8. सतीश शर्मा: भारत में लोक प्रशासन
9. सुंदर कपारीया: भारत में लोक प्रशासन
10. एस.आर. माहेरुर्मी: भारतीय प्रशासन

[Signature]
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JAIPUR
प्रश्न पाठ 1: लोक प्रशासन के सत्य

प्रथम खण्ड

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

द्वितीय खण्ड

संगठन – अर्थ, औपचारिक एवं अनौपचारिक संगठन, संगठन के सिद्धांत – पदस्थापन, आदेश की एकता, नियंत्रण का क्षेत्र, समन्वय, केंद्रीकरण, विकेंद्रीकरण, सत्ता एवं उत्तरदायित्व।

[Signature]

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JAIPUR
लृतीय खण्ड

बजट : अर्थ एवं प्रकार, बज़ार के सिद्धान्त, सामाजिक-आर्थिक नीति के साधन के रूप में बजट, कार्यक्रम प्रशासन : अर्थ, प्रकृति एवं महत्त्व, नौकरशाही की प्रकृति, लोक सेवा और विकासशील समाज में इसकी भूमिका, वर्गीकरण : लोक सेवकों की नर्त्ता, प्रशिक्षण, पदोन्नति, लोक प्रशासन में मनोबल एवं अभिप्रेरणा।

अनुशंसित पुस्तकें –
1. एस.एस.चौबे, एस.आर. माहेश्वरी : पब्लिक एडमिनिस्ट्रेशन
2. सी.पी. भामरी : पब्लिक एडमिनिस्ट्रेशन
3. डी.आर. सचीवादेशा एंड मीना सोगानी : पब्लिक एडमिनिस्ट्रेशन : केन्द्रीय एंड एडमिनिस्ट्रेशन
4. अन्तर्गत मददाधार : पब्लिक एडमिनिस्ट्रेशन
5. रुपाकी बसु : पब्लिक एडमिनिस्ट्रेशन
6. एम.पी. शर्मा एंड बी.एल. सचीवादेशा : पब्लिक एडमिनिस्ट्रेशन : इन थ्योरी एंड प्रैक्टिक्स
7. एस.एल. गोयल : पब्लिक एडमिनिस्ट्रेशन – थ्योरी एंड प्रैक्टिक्स
8. डी.लीला गिरी एंड सचीवादेशा : एडमिनिस्ट्रेशन थ्योरी
9. रविन्द्र शर्मा : लोक प्रशासन के तत्त
10. शुभेंद्र कटारिया : लोक प्रशासन के तत्त
भारतीय प्रशासन की ऐतिहासिक पृष्ठभूमि - ब्रिटिश काल, के प्रभाते के विशेष संदर्भ में, भारतीय प्रशासन की पुरातन नियोजनता। संयुक्त कार्यालयालय साधनपति, प्रधानमंत्री एवं मन्त्रियों के, राष्ट्रीय सचिवालय, मंत्रिमण्डल सचिवालय।

द्वितीय खण्ड

गृह मंत्रालय, कार्यकाल एवं लोक शिक्षायत मंत्रालय का संगठन व कार्यकरण, लोक उद्योग के प्रमुख प्रकार: विभाग, तिगुम एवं कम्पनी प्रशासी, लोक उपकरण की संसदीय सचिवपति, वित्तीय प्रशासन: भ्रमण का नियोजन, भ्रमण का संसद में अनुमोदन एवं भ्रमण का नियोजन, नियुक्त एवं महाराजा परीक्षण, लोक लेखा सचिवपति, अनुमान सचिवपति।

तृतीय खण्ड

कार्यकाल प्रशासन: भारतीय लोक सेवाओं का वर्गीकरण, अधिकार भारतीय सेवाओं में भर्ती एवं प्रशिक्षण, प्रशासन पर नियोजन: विभागीय, कार्यालयालय व न्यायिक नियोजन, प्रशासनकार अट्टायर, लोक परिवेश और नियोजन, प्रशासनिक सुधार, कार्यकाल प्रशासन एवं प्रशिक्षण के विशेष संदर्भ में प्रथम प्रशासनिक सुधार आयोग एवं द्वितीय प्रशासनिक सुधार आयोग का तुलनात्मक अध्ययन।

अनुसंधार उद्धेक: 
1. एस.आर. माहेश्वरी: भारतीय प्रशासन 
2. पी. शर्मा: पर्यंत एडमिनिस्ट्रेशन इन इंडिया 
3. रमेश अरोड़ा: एश्व रजनी गोयल: इंडियन पर्यंत एडमिनिस्ट्रेशन 
4. अवस्था एश्व एवं: भारतीय प्रशासन 
5. हरिश्चंद्र एश्व: प्रशासनिक स्रोत: भारतीय प्रशासन 
6. बी एल फडियार: भारत में लोक प्रशासन 
7. पी.पी.शर्मा एश्व: भारतीय प्रशासन 
8. रविन्द्र शर्मा: भारत में लोक प्रशासन 
9. सुरेंद्र कुमार: भारत में लोक प्रशासन 
10. एस.आर. माहेश्वरी: भारतीय प्रशासन

Dy. Registrar (Acad.)
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SCHEME :

<table>
<thead>
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<th>Theory Paper I</th>
<th>Duration</th>
<th>Maximum Marks</th>
<th>Min. Pass Marks</th>
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<tr>
<td>Fundamentals of Arts</td>
<td>3 hrs.</td>
<td>90</td>
<td>32½</td>
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<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>3 hrs.</td>
<td>45</td>
<td></td>
</tr>
<tr>
<td>Submission of Works</td>
<td>3 hrs.</td>
<td>20</td>
<td>07</td>
</tr>
<tr>
<td>Total</td>
<td>200</td>
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<td>72</td>
</tr>
</tbody>
</table>

Paper I : Fundamental of Art

Note : The paper consist of two parts :-

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

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

Section – A

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

Creative Process – Observation, Perception, Imagination and Creative Expression.

Section – B

Elements of Painting – Line, Form, Colour, Tone, Texture, Space.


Section – C


Books Recommended :

2. Bhartiya Murtikala - Rai Krishna Das. Nagri Pracharini Sabha, Varanasi (Kashi) AD 2030
6. Saga of Indian Sculpture - K.M. Munshi

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10. कला के नवीन स्वरूप — नरेन्द्र सिंह यादव, अजय यादव, राजस्थान हिन्दी यौन्ध अकादमी, जयपुर, 2015

Paper – II Practical

Part-A

Study from Objects

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

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Scheme:
Max. Marks 200
Min. Pass Marks 72

Paper-I 100 3 hrs. duration
Paper-II 100 3 hrs. duration

नोट : समाजशास्त्र के दो प्रश्न-पत्र होंगे। प्रत्येक प्रश्न-पत्र 3 घण्टों में विभाजित होगा। प्रत्येक प्रश्न-पत्र के दो भाग होंगे। प्रथम भाग 40 अंकों का होगा। इस भाग में दो अनविभाज्य प्रश्न होंगे। 20 अंकों के एक प्रश्न में, एक-एक अंक के 20 लघु प्रश्न होंगे तथा प्रत्येक प्रश्न का उत्तर परीक्षाधीन को अधिकतम 20 शब्दों में देना होगा। दूसरे अनविभाज्य प्रश्न के अंतर्गत दो-दो अंकों के 10 प्रश्न होंगे। प्रत्येक प्रश्न का उत्तर परीक्षाधीन को अधिकतम 40 शब्दों में देना होगा। निर्धारित शब्द सीमा से अधिक शब्दों में उत्तर देने पर अंक काट जा सकते हैं। प्रश्न-पत्र के लिए निर्धारित कुल 3 घण्टों की अवधि में से अधिकतम 1 घंटे की अवधि प्रश्न-पत्र के इस भाग के लिए निर्धारित होगी।

प्रश्न-पत्र के इस प्रथम भाग के दोनों प्रश्न, 3 घण्टों में विभाजित पाठ्यक्रम के तीनों खण्डों से संबंधित होंगे। अधिकतम प्रश्न-पत्र के इस भाग में पूरे पाठ्यक्रम से संबंधित प्रश्न होंगे।

प्रश्न-पत्र के द्वितीय भाग में, पाठ्यक्रम के तीनों खण्डों में से प्रत्येक में से दो-दो निबंधात्मक प्रकृति के प्रश्न होंगे। परीक्षाधीन को प्रत्येक खण्ड में से कम से कम एक प्रश्न का उत्तर करने हुए, कुल 3 प्रश्न हल करने होंगे। प्रत्येक प्रश्न 20 अंकों का होगा। प्रश्न-पत्र का यह भाग 60 अंकों का होगा।

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

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

Paper I: Introduction to Sociology

Unit 1: Understanding Sociology
- Sociology and other Social Sciences.
- Scientific and Humanistic Perspectives.

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Jaipur
Unit 2: 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 3: Dynamics in Sociology
- Social Stratification: Concept, Forms and Theories (Functional and Marxist).
- Social Change and Mobility: Concept and Forms, Theories of Social Change (Linear, Cyclical).

Essential Readings: (in English):
2. Bottomore, T.B. 1972: Sociology: A Guide to Problems and Literature,
3. Bombay: George Allen and Unwin (India). (Hindi Edition also)

Essential Readings: (in Hindi):
1. शिवाय, नरेन्द्र कुमार एवं गोस्वामी, वसुधाकर, 2007, समाजशास्त्र विवेचन, जयपुर: राजस्थान हिंदी ग्रंथ अकादमी
2. आहूजा, राम एवं आहूजा, मुकेश, 2008, समाजशास्त्र विवेचना एवं परिवेश, जयपुर: रायत प्रकाशन
3. दोषी, एस. एल. एवं जैन पी. सी., 2006, समाजशास्त्र नई दिशाएं, जयपुर: रायत प्रकाशन
4. भीष्म, जे. पी., 2008, समाजशास्त्र : अवधारणाएं एवं सिद्धांत, नई दिल्ली : प्रेंटिस हाल ओफ इन्डिया प्राइवेट लिमिटेड
5. भीष्म, जे. पी., 2008, आधुनिक भारत में सामाजिक परिवर्तन, नई दिल्ली : प्रेंटिस हाल ओफ इन्डिया प्राइवेट लिमिटेड
6. मैकाइवर, आर. एस. एवं रेस्य चॉल्स, एच. 1992 : समाज (एक परिवर्तक विवेचना), आगरा : चतुर प्रकाशन मंदिर (अनुवादक जी. विघोष्यरथ एवं रामपाल सिंह गोइल)

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University of Rajasthan
Jaipur
Paper II: Society in India

Max Marks: 100

Unit 1: 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. Mukherji

Unit 2: Basic Institutions of Indian Society
- Family, Marriage and Kinship: Meaning, Forms and Challenge.
- Caste and Class: Meaning, Forms and Changing Patterns.

Unit 3: Challenges & Problems before Indian Society
- Casteism, Communalism, Regionalism.
- Corruption, Drug Abuse, Crime against Women and Children.
- Problems of Ageing.

Essential Readings: (in English):

Essential Readings: (in Hindi):
1. आहुजा, राम, 2009, भारतीय सामाजिक व्यवस्था, जयपुर: रावत प्रकाशन
2. दोषी, एस. एल. 2009, भारतीय सामाजिक विचार, जयपुर: रावत प्रकाशन
3. शर्मा, के. एल., 2006, भारतीय सामाजिक संस्कृति एवं परिवर्तन, जयपुर: रावत प्रकाशन
4. दोषी, एस. एल. एवं जैन, पी. ची., 2002, भारतीय समाज, जयपुर: लेखन एवं प्रकाश इंटरनैशनल हाइक्स
5. पटेल, तुलसी, 2011, भारत में परिवार, संस्कृति एवं धर्म, जयपुर: रावत प्रकाशन
6. जैन, शोभना, 2008, भारत में परिवार, विवाह और नातेदारी, जयपुर: रावत प्रकाशन

Dy. Registrar (Academic-I)
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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.

Eligibility

- Those students who have passed 12th class or intermediate under the scheme of 10+2 with minimum 48% marks in aggregate are eligible for admission in BA (Part I).

Learning Outcome of the Course

The following learning outcomes of this course are:

- The course will enable the students to have an in-depth understanding of the several concerns pertaining to family and community. After program of study they shall become more effective and better at handling the requirements of their family and community related to nutrition, human relationships, resource management and textiles and clothing.

- The student shall have knowledge about management of family resources and be able to do designing of interiors and plan their housing requirements.

- They shall have knowledge about the nutritional requirements through the various stages of life cycle and shall learn skills for cooking various food groups. They shall also have a basic knowledge about therapeutic nutrition and management of simple illnesses.

- The students shall have an understanding of family and lifespan development; and shall learn about the developmental milestones. It will enable them to achieve balance in their family relationships.

- This course will give them knowledge about textiles and clothing, and will help them in selection of appropriate textiles and apparel. It will provide them with basic stitching and finishing skills.

- They will also have an understanding of the reproductive issues of women through various stages, and shall enable them to care for newborn, infants, pregnant and lactating mothers.

- The vocational training options shall enable the students to take up an area of their interest and convert it into a profitable enterprise. They can opt for event management, food preservation, nutrition education programs, early childhood education, dyeing and printing or extension activity management.

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<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>
</table>

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Jaipur
<table>
<thead>
<tr>
<th>Theory Paper I</th>
<th>Family Resource Management</th>
<th>3hrs</th>
<th>50</th>
<th>18</th>
<th>4</th>
</tr>
</thead>
<tbody>
<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>4</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>200</td>
<td>72</td>
<td>12</td>
<td></td>
</tr>
</tbody>
</table>

**B.A. PART I**

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

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

**Learning Outcomes**
1. Students will develop an insight in managing family resources i.e. time, money, and energy.
2. The procedure of handling money and savings and investment will be learnt.
3. There will be a general insight regarding consumer rights and responsibilities.
4. Students will develop an insight in house planning and interior decoration

**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>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Housing</td>
<td></td>
</tr>
<tr>
<td>1. Function &amp; family need of housing</td>
<td>2</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>7</td>
</tr>
</tbody>
</table>
| 3. Site selection:  
  • Vegetation:  
    i. size  
    ii. soil types drainage  
    iii. contour (shape)  
    iv. orientation | 3 |
| 4. Elements and principles of arts and design as related to interior decoration with specific reference to color and light | 8 |
| 5. Floor decoration with use of elementary art |   |

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<table>
<thead>
<tr>
<th>UNIT II</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Interior designing</strong></td>
<td></td>
</tr>
<tr>
<td>7. Room arrangement and decoration - arrangement of furniture, furnishings and accessories in various rooms.</td>
<td>8</td>
</tr>
<tr>
<td>8. Kitchen planning, importance of counters, storage, principles, working heights.</td>
<td>8</td>
</tr>
<tr>
<td>9. Selection and care of household equipment (without reference to any specific equipment)</td>
<td>2</td>
</tr>
<tr>
<td>10. Household waste &amp; its management by 3R</td>
<td>4</td>
</tr>
<tr>
<td>11. Flower decoration</td>
<td>5</td>
</tr>
<tr>
<td>- Basic equipments</td>
<td></td>
</tr>
<tr>
<td>- Vases and containers</td>
<td></td>
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<tr>
<td>- Preparing plant material</td>
<td></td>
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<tr>
<td>- Shaping an arrangement</td>
<td></td>
</tr>
<tr>
<td>12. Furniture</td>
<td>4</td>
</tr>
<tr>
<td>- Types of furniture</td>
<td></td>
</tr>
<tr>
<td>- Selection use &amp; care</td>
<td></td>
</tr>
<tr>
<td>- Arrangement of furniture in various rooms</td>
<td></td>
</tr>
<tr>
<td>13. Consumer problems, rights &amp; responsibilities</td>
<td>3</td>
</tr>
<tr>
<td>14. Seeking redressal to consumer problems with special reference to consumer courts</td>
<td>5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>UNIT-III</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Resource Management</td>
<td></td>
</tr>
<tr>
<td>15. Meaning, definition and importance of home management</td>
<td>4</td>
</tr>
<tr>
<td>- planning,</td>
<td></td>
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<tr>
<td>- Organization,</td>
<td></td>
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<tr>
<td>- Implementation,</td>
<td></td>
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<tr>
<td>- controlling and evaluation</td>
<td></td>
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<tr>
<td>17. Introduction to motivational factor (meaning and types)</td>
<td>5</td>
</tr>
<tr>
<td>- Values</td>
<td></td>
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<tr>
<td>- Goals</td>
<td></td>
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<tr>
<td>- Standards</td>
<td></td>
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<tr>
<td>- Decision Making</td>
<td></td>
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<tr>
<td>- Resources</td>
<td></td>
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<tr>
<td>18. Time management:</td>
<td></td>
</tr>
<tr>
<td>- Tools in time management</td>
<td></td>
</tr>
<tr>
<td>i. Time cost</td>
<td></td>
</tr>
<tr>
<td>ii. Time norms</td>
<td></td>
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<tr>
<td>iii. Peak loads</td>
<td></td>
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<tr>
<td>iv. Work curve and rest periods</td>
<td></td>
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<tr>
<td>- Process of managing time</td>
<td></td>
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<tr>
<td>19. Energy Management:</td>
<td></td>
</tr>
<tr>
<td>- Process of energy management</td>
<td></td>
</tr>
</tbody>
</table>

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- Fatigue
- Body mechanics
- Works simplification -Mundel’s Classes of changes
- Ergonomics: Meaning, importance & its components

20. Money Management
- Family Income: sources & type
- Budget: Definition & Process of budget making
- Saving, investment and raising housing loan:
  i. Definition & Objectives
  ii. Channels: bank, insurance, post office

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

References:
4. David H, Bangs Jr. The market planning guides. Gougotera Publishing. 3rd Ed

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University of Rajasthan
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FAMILY RESOURCE MANAGEMENT (PRACTICAL I)

Maximum marks: 50
Minimum marks: 18
Teaching workload: 1 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.

<table>
<thead>
<tr>
<th>Contents</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Project work on money management:</td>
<td>4</td>
</tr>
<tr>
<td>• How to open various accounts in the bank.</td>
<td></td>
</tr>
<tr>
<td>• Filling up of slips/forms of bank and post office.</td>
<td></td>
</tr>
<tr>
<td>i. Application for draft</td>
<td></td>
</tr>
<tr>
<td>ii. Cheques</td>
<td></td>
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<tr>
<td>iii. Withdrawal slip</td>
<td></td>
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<tr>
<td>iv. Money order form</td>
<td></td>
</tr>
<tr>
<td>v. Application for housing loan</td>
<td></td>
</tr>
<tr>
<td>2. Floor decoration: Alpana, Rangoli &amp; Mandana</td>
<td>2</td>
</tr>
<tr>
<td>3. Flower arrangement: fresh and dry arrangements.</td>
<td>2</td>
</tr>
<tr>
<td>4. Table setting</td>
<td>1</td>
</tr>
<tr>
<td>5. Best out of waste (one article)</td>
<td>1</td>
</tr>
<tr>
<td>6. Cleaning of wood, stone, tiles, metal &amp; glass.</td>
<td>1</td>
</tr>
<tr>
<td>7. House plans:</td>
<td>6</td>
</tr>
<tr>
<td>• For various income groups (LIG, MIG, HIG)</td>
<td></td>
</tr>
<tr>
<td>i. Drawing of architectural symbols of house plan</td>
<td></td>
</tr>
<tr>
<td>ii. Architectural symbols of electricity plan</td>
<td></td>
</tr>
<tr>
<td>iii. Furniture symbols</td>
<td></td>
</tr>
<tr>
<td>• Rooms (making any one paper model)</td>
<td></td>
</tr>
<tr>
<td>i. Drawing Room</td>
<td></td>
</tr>
<tr>
<td>ii. Dining cum leaving room</td>
<td></td>
</tr>
<tr>
<td>iii. Children study room</td>
<td></td>
</tr>
<tr>
<td>iv. Bed room</td>
<td></td>
</tr>
</tbody>
</table>

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- 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  
**Major**: house plan/paper plan of rooms/paper plan of kitchen : 15 marks  
**Minor - I**: Table setting/flower arrangement: 8 marks  
**Minor - II**: Floor decoration/cleaning/filling of forms: 7 marks  
**Internal**: 20 marks

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

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

**Learning outcome:**

After studying the subject, the student will possess the basic knowledge of food groups, nutrients and basic metabolism related to nutrition in humans. This will further help them in the selection of healthy diet. Knowledge of various cooking methods and meal planning will enable them to cook and select healthy foods for themselves and their families. This subject will also give them basic understanding about nutritional needs in the various stages of life cycle and during disease.

**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.

**Contents**

<table>
<thead>
<tr>
<th>Unit I</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Definition of foods and nutrition, 5 basic food groups, balanced diet</td>
<td>4</td>
</tr>
</tbody>
</table>
| 2. Function of food:  
  - Physiological – hunger, appetite, satiety  
  - Psychological  
  - Social, economic, cultural | |
| 3. Functions, sources, daily allowances of:  
  - Macro nutrients  
    i. Carbohydrates  
    ii. Proteins  
    iii. Fats | 6 |

[Signature]

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- **Micro nutrients**
  - i. Minerals – calcium, iron, iodine, fluorine
  - ii. Vitamins
    - Water soluble – B complex vitamins, vitamin C
    - Fat Soluble – A, D, E & K

- **Water**

- **Energy metabolism**
  - i. Contributors of energy
  - ii. BMR and factors affecting BMR

---

### Unit II

4. Meal Planning

- Importance and factors affecting meal planning
- Factors affecting food intake
- Sample menu for adult male and female

5. Normal nutrition – nutritional requirements, physiological demands, problems, dietary guidelines for:

  - Pregnancy
  - Lactation
  - Infancy (with special emphasis on breastfeeding and complementary feeding)
  - Preschool child
  - School going children
  - Adolescent
  - Adult
  - Elderly person

---

### Unit III

6. Therapeutic nutrition

- Modification of normal diet to therapeutic diet
- Dietary management of the following:
  - i. Weight management – obesity, underweight
  - ii. Diseases of gastrointestinal tract – indigestion, diarrhea and constipation
  - iii. Fever

7. Nutritional importance of public health importance and their management:

  - Protein Energy Malnutrition
  - Anemia
  - Vitamin A deficiency

---

**References:**

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

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_Dy. Registrar (Academic-I)_

_University of Rajasthan_  
_Jaipur_

**FOODS AND NUTRITION (PRACTICAL II)**

Maximum marks: 50  
Minimum marks: 18  
Teaching workload: 1 practicals/ week (2 hours/ practical)  
Total teaching workload: 24 practicals/ batch

**Learning outcome:**

This practical will enable the students to learn basic cooking skills and various methods of cooking used. It will help them to plan and prepare appropriate dishes for people of various age groups. They will learn about dietary management of various diseases.

**Objectives:**

1. To give knowledge about basics of methods of cooking.  
2. To learn cooking of various food groups.  
3. To understand about planning for Normal & Therapeutic nutrition.  
4. To learn to plan and prepare foods for various nutritional problems of public importance

**Contents:**

<table>
<thead>
<tr>
<th>Methods of cooking: - Preparation of any four dishes by using the different methods of cooking (Steaming/Simmering/Frying/Baking/ Roasting):</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preparation of Beverages – Tea (hot &amp; iced), Coffee (Hot &amp; Cold), Chaach, lassi, milk shakes, fruit punch (using squashes &amp; fresh fruits), lemonade, jaljeera, amla shake, aam panna, mocktails (any 2) mirinda shake.</td>
<td>2</td>
</tr>
<tr>
<td>Cereal cookery – Chapati, puri (Plain, missi), Parantha (Stuffed, plain), rice, Cheela, bhatura, Idli, Muthia mathri (namak para, shakkar para), chowmein , pizza, sandwiches (open toasted &amp; vegetable), Cake, Biscuit, Nan khatai</td>
<td>2</td>
</tr>
<tr>
<td>Legumes &amp; pulses - dal (plain &amp; dal fry), rajma, chhole, dal makhani, kadhi mangodi, dahi vada, dal pakodi, besan pakodi, sprout chaat, dal halwa. Dhokla, muthia, Kadhi</td>
<td>2</td>
</tr>
<tr>
<td>Vegetables –Dry Vegetables (for e.g. aalu gobi, methi aalu, arbi, bhindi), stuffed vegetables (bhindi, capsicum), vegetables with gravy (dahi aalu, malai kofta, gatta, dum aalu, kadhai panner, shahi paneer), baked vegetables, soups (clear &amp; cream), salads &amp; salad dressings (mayonnaise, lemon, vinegar).</td>
<td>4</td>
</tr>
<tr>
<td>Milk &amp; Milk products – Paneer, khoa, curd, shrikhand, kheer, rabri, fruit custard, raita, fruit cream, Kheer, Custard, Stews- apple &amp; pear</td>
<td>2</td>
</tr>
<tr>
<td>Savory food preparation- dosa, uttapam, mixed veg cutlets, hara bhara kabab, burger, samosa, kofta, kachori, vada, pav bhaji, sago khichri, bhel puri.</td>
<td>2</td>
</tr>
</tbody>
</table>

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[Signature]
Meals planning for:
- Sweets - jalebi, sandesh, laddu, coconut barfi, gujiya

<table>
<thead>
<tr>
<th>Examinations scheme:</th>
<th></th>
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<tbody>
<tr>
<td>Total Marks: 50 marks</td>
<td></td>
</tr>
<tr>
<td>1. Major problem -</td>
<td>20 marks</td>
</tr>
<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>
<td></td>
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<tr>
<td>- Packed lunch for school going child adult man / woman</td>
<td></td>
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<tr>
<td>- Elderly</td>
<td></td>
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<tr>
<td>2. Minor Problem -</td>
<td>10 marks</td>
</tr>
<tr>
<td>- Preparation of one dish from</td>
<td></td>
</tr>
<tr>
<td>1. Any one method of cooking</td>
<td></td>
</tr>
<tr>
<td>2. Any one food group (cereals, vegetable, milk etc.)</td>
<td></td>
</tr>
<tr>
<td>3. Internal -</td>
<td>20 marks</td>
</tr>
</tbody>
</table>

Dy. Registrar (Academic-I)
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(Theory): Introduction to Textile Craft

UNIT-I
1. Introduction to Textiles
2. Definition of fibre, Properties of textile fibres, Primary & Secondary properties.
3. Classification of fibres
4. Production, manufacturing, properties and uses of Natural vegetable fibres- cotton, linen and jute
5. Yarn manufacture by Takli and Charkha

UNIT-II
1. Warp and Weft, Difference between warp and weft
2. Handloom, Parts of Handloom
3. Warp path on Handloom
4. Motion of Handloom(secondary & secondary)
5. Elementary Weaves(Basic weaves): Plain, Twill, Satin & Sateen

UNIT-III
1. Concept of colours, Colour Wheel, Colour schemes, Achromatic & Monochromatic colours
2. Dyes and Pigments (colourless dyes)
3. Classification of Dyes
4. Dyeing of cotton fabric by Tie and Dye process
5. Fabric finishes- Introduction and Importance, basic finishes- bleaching, scouring, singeing, mercerising

(Practical):

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

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(ii) Elementary weaves (plain, twill, satin and sateen) on graph paper  
(iii) Primary colour, secondary colour, colour scheme, achromatic & monochromatic colour  
(iv) Hand painting  
(v) Stencil Preparation and Painting  

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

Examination Scheme:  

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

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

Reference books:  

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15. Garment Production & Export Management

B.A/B.Com. - M.M. 60
B.Sc. M.M. 50

OBJECTIVES:

1. To know different textile fibers & their performances.
2. To gain knowledge on different textiles fiber processes and finishes.
3. To become familiar with traditional textiles & embroideries of India.
4. To understand the selection criteria’s of clothes

SECTION A: Textile Technology

2. Fibers to yarn: The basic process involved in making yarns including blending, carding, combing, mechanical and chemical spinning
3. Fabric construction: Weaving: plain, twill, & satin weave
4. Fabric Finishes: Calendering, mercerization and tentering

SECTION B: Traditional Textile

5. Woven fabrics: Dacca muslin jamdani, chanderi, brocade baluchari, Kashmiri shawls, doria, kanjivaram
7. Printed Fabrics: Kalamkari, madhubani
8. Traditional embroideries of India:
   a) Kashida of Kashmir
   b) Kasuti of Karnataka
   c) Manipuri
   d) Chamba rumal of Himachal Pradesh
   e) Kantha of Bengal
   f) Phulkari of Punjab
   g) Chikankari of Uttar Pradesh

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

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References:

PAPER – II

BUSINESS AND GARMENTS INDUSTRIES

B.A/B.Com.-M.M.60  B.Sc.- M.M.50

Hrs.- 3

OBJECTIVES: - To enable students to:-

1. Acquaint with different types of Business ownership.
2. Understand merchandising in Apparel Industries.
3. Understand the garment industry and project planning.

SECTION-A BASICS OF BUSINESS

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

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.

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9. Production and storage space, laundry area of garment industry.
10. Site selection for unit

References:

PRACTICAL – 1
BASICS OF GARMENT CONSTRUCTION

B.A./B.Com.- M.M. 80 B.Sc. - M.M. 50 Hrs. 4

OBJECTIVES: - To enable students to:

- Develop skill in understanding all stitching technique.
- Develop expertise in basic and traditional embroidery which gives creative, decorative and ornamental effect on dress.

Contents
1. Sample making:
   Basic seams - Basting (even, uneven) back stitch, blanket
   Hems – visible, invisible
   Lace edging – (machine)
   Gathers - (machine), darts
   Pleats – knife, box, inverted box
   Frills one side, two sided
   Tucks – pin, cross, shell
   Fasteners – hook, press button, shirt button, button hole, loop with button, zip
   Plackets – continuous, two piece
   Pockets – patch, bound, inseam, kurta
   Edge finishing - piping and facings
2. Basic Embroidery stitches:
   Chain, stem, running, lazy-dazy, satin, herring- bone, buttonhole, bullion, feather patch and appliqué work.
3. Make samples of following traditional embroideries:
   kashida, kantha, kasuti, phulkari, chamba
   Taking body measurements and knowledge of standard measurements from child to adults

Examination Scheme:

<table>
<thead>
<tr>
<th></th>
<th>B.A./B.COM.:Max Marks: 80</th>
<th>B.Sc.:Max Marks: 50</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Major Problems:</td>
<td>40</td>
<td>Internal: 15</td>
</tr>
<tr>
<td>1. Major Problems:</td>
<td>20</td>
<td>Internal: 10</td>
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<tr>
<td>2. Minor Problems:</td>
<td>25</td>
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<tr>
<td>2. Minor Problems:</td>
<td>20</td>
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</tr>
</tbody>
</table>

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
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, Phosphorus, 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 Halmatology
Max. Marks 60 3 hrs. duration Min. Pass Marks 22
Teaching Periods 60

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

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

Section - B: Hematology (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 (32 x 3 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.
Syllabus B.A. Part-I

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 bacteriás 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.

### Mathematics Syllabus: B.A. Part-I

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

<table>
<thead>
<tr>
<th>Examination Scheme</th>
<th>Min. Pass Marks</th>
<th>Max. Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Science</td>
<td>54</td>
<td>150</td>
</tr>
<tr>
<td>Arts</td>
<td>72</td>
<td>200</td>
</tr>
<tr>
<td></td>
<td>Duration</td>
<td>Max. Marks</td>
</tr>
<tr>
<td>Paper – I</td>
<td>Discrete Mathematics</td>
<td>3 hrs.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paper – II</td>
<td>Calculus</td>
<td>3 hrs.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paper – III</td>
<td>Analytic Geometry and Optimization Theory</td>
<td>3 hrs.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Practical</td>
<td>Optimization Techniques</td>
<td>2 hrs.</td>
</tr>
<tr>
<td></td>
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</tr>
</tbody>
</table>

**Note:**

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

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

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

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

**Paper – I: Discrete Mathematics**

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

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

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

**Unit 1**: Sets, Cardinality, Principal of inclusion and exclusion, Mathematical induction, Relations and Functions, Binary relations, Equivalence relations and partitions, Partial order relations and Lattices, Chains and Anti-chains. Pigeon hole principle.

**Unit 2**: Boolean Algebra- Lattices and Algebraic structure, Duality, Distributive and Complemented Lattices, Boolean Lattices, Boolean functions and Boolean expression. Fundamental theorem of arithmetic, Divisibility in \( Z \), Congruence’s, Chinese reminder theorem, Euler’s functions, Primitive roots.

**Unit 3**: Logic and propositional calculus, Simple and compound propositions, Basic logical operations, Truth tables, Tautologies and contradictions, Propositional functions, Quantifiers. Discrete numeric functions, Generating functions, Recurrence relations and Recurrence algorithms, Linear recurrence relation with constant coefficients and their solutions, Total solutions, Solution by the method of generating functions.

**Unit 4**: Basic concepts of graph theory, Types of graph (Connected Graphs, Regular graphs, Planar graphs), walk, Paths & Circuits, Shortest path problem. Operations on graphs (union, join, products)

**Unit 5**: Matrix representation of graphs, Adjacency matrices, Incidences matrices, Tree, Spanning tree, Minimum spanning tree, Distance between vertices, Center of tree, Binary tree, Rooted tree. Hamiltonian and Eulerian graphs

**Reference Books:**

5. N. Deo, Graph Theory, Prentice Hall of India, New Delhi, 2004.

**Paper- II: Calculus**

**Teaching : 3 Hours per Week**

**Duration of Examination : 3 Hours**

**Max. Marks: 40 (Science)**

**53 (Arts)**

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

**Unit 1**: Series – Infinite series and Convergent series. Tests for convergence of a series – Comparison test, D’Alembert’s ratio test, Cauchy’s n-th root test, Raabe’s test, De-Morgan-Bertrand’s test, Cauchy’s condensation test, Gauss’s test, (Derivation of tests is not required). Alternating series. Absolute convergence. Taylor’s theorem. Macclaurin’s theorem. Power series expansion of a function. Power series expansion of \( \sin x, \cos x, e^x, \log(1+x), (1+x)^n \).
Syllabus: B.A. Part-I


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

Reference Books:

Paper-III: Analytic Geometry and Optimization Theory

Teaching: 3 Hours per Week

Duration of Examination: 3 Hours

Max. Marks: 40 (Science)

54 (Arts)

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

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

Unit 2: Sphere, Cone.

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

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


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


Practical

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

Examination: 

<table>
<thead>
<tr>
<th>Scheme</th>
<th>Science</th>
<th>Arts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max.Marks</td>
<td>30</td>
<td>40</td>
</tr>
<tr>
<td>Min.Pass Marks</td>
<td>11</td>
<td>15</td>
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</table>

Distribution of Marks:

Two Practicals one from each group

<table>
<thead>
<tr>
<th>Two Practicals</th>
<th>20 Marks</th>
<th>13 Marks each</th>
<th>Duration: 2 Hours</th>
</tr>
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<tbody>
<tr>
<td>10 Marks each</td>
<td>10 Marks</td>
<td>26</td>
<td></td>
</tr>
<tr>
<td>Practical Record</td>
<td>05 Marks</td>
<td>07</td>
<td></td>
</tr>
<tr>
<td>Viva-voce</td>
<td>05 Marks</td>
<td>07</td>
<td></td>
</tr>
<tr>
<td>Total Marks</td>
<td>30 Marks</td>
<td>40</td>
<td></td>
</tr>
</tbody>
</table>

The paper will contain TWO practicAlS. The candidates are required to attempt both practicAlS.

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

Group B: List of problems (with free and open source software tool Scilab)

(i) Plotting the graphs of the following functions: $ax, \sqrt{ax + b}, |ax+b|, c=ax+b|$, $x^n, x^i$ $(n \in \mathbb{Z})$, $e^{ax+b}$, $\log(ax+b)$, $\sin(ax+b)$, $\cos(ax+b)$, $|\sin(ax+b)|$, $|\cos(ax+b)|$. Observe and discuss the effects of change in the real constant $a$, $b$ and $c$ on the graphs.

(ii) Graphs of hyperbolic functions and inverse trigonometric functions.

(iii) Plotting and analyzing the graphs of polynomials and their derivatives.

(iv) Complex numbers: Operations like addition, subtraction, multiplication, division, Modulus and inbuilt functions conj, imag, imult, isreal, real.

(v) Matrix operations: Addition, Multiplication, Inverse, Transpose, Determinant, Rank and inbuilt functions eye, ones, zeros. Solving the system of linear equations.

(vi) Solution of linear programming problems by using inbuilt functions of Scilab.

Note:

1. For Group A: Problems will be solved by using Scientific Calculators (non-Programmable)
2. Each Candidate (Regular/non-Collegiate) has to prepare his/her practical record.
3. Each Candidate has to pass in Practical and Theory examination separately.

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

B.A. Part-I

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

Nature and scope of Economics, Methodology: Micro and Macro Economics, Static and Dynamic analysis, Positive and Normative Economics.


Section- B


Section – C


Dy. Registrar (Academic-I) University of Rajasthan Jaipur
Books Recommended:
6. लक्ष्मीनारायण नायुशुमकायविष्ठ अर्थशास्त्र,रमेशबुबुकड़िपो, जयपुर।

Reference Books:

Paper – II Indian Economy

Section-A

Section-B

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

Books Recommended:
1. Rudra Datt and K.P. MSundaram: Indian Economy (Hindi & English), S. Chand, New Delhi.
6. Government of India; Economic Survey (Hindi & English.)

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

Scheme of Examination

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Min. Pass Marks</th>
<th>Max. Marks</th>
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</thead>
<tbody>
<tr>
<td>Arts/Social Science</td>
<td>12</td>
<td>200</td>
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<tr>
<td>Science</td>
<td>34</td>
<td>150</td>
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<tr>
<td>Paper I</td>
<td>Physical Geography</td>
<td>Arts 75</td>
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<tr>
<td></td>
<td>Geography of Rajasthan</td>
<td>Science 50</td>
</tr>
<tr>
<td>Practical</td>
<td>18</td>
<td>Arts 50</td>
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<tr>
<td></td>
<td></td>
<td>Science 50</td>
</tr>
</tbody>
</table>

Notes

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

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

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

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

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

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

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

5. Candidate will attempt 3 questions in all including question No. 1 selecting at least one question from each section.

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

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

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

Section B

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

Section C

Surface configuration of oceans bottom: Pacific, Atlantic and Indian oceans, oceanic deeps, 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, Nininger, classification of marine resources, biosphere and its components; ecosystems, plants community and animal kingdom, biomes: equatorial rainforest, monsoon, savanna and temperate grasslands.

Recommended Readings:

- Pratik Pragya (विश्वविद्यालय लिट्स), वेड़ा.
- F. Stow, 2011, Pratik Bhuvnesh, काशी.
- Pratik Pragya (विश्वविद्यालय लिट्स), वेड़ा.
- Pratik Pragya (विश्वविद्यालय लिट्स), वेड़ा.
- Pratik Pragya (विश्वविद्यालय लिट्स), वेड़ा.
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 projects, 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, Aravalli 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, ethnicity cases and schedule tribes; population problems, study of hill, rural and gararia.

Settlement pattern: types of settlements, building materials and house types in Rajasthan with examples, factors affecting settlement.

Recommended Readings:


Practicals

Scheme of Examination

<table>
<thead>
<tr>
<th>Min. Pass Marks 18</th>
<th>Max. Marks 50</th>
<th>Bifurcation of Marks</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Written test</td>
<td></td>
<td>24</td>
<td>3 Hrs</td>
</tr>
<tr>
<td>Field Survey and Viva voce</td>
<td>10+4</td>
<td></td>
<td>2 1/2 hrs</td>
</tr>
<tr>
<td>Record and Viva voce</td>
<td>03+4</td>
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</tr>
</tbody>
</table>

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, hypergraph and climograph; climograph, water budget graph, wind rose.
Weather maps: weather symbols, representation of atmospheric features, interpretation of Indian daily weather maps (July and January), weather instruments.

Section B

Methods of showing different relief features: hachures, hill shading, bench mark, spot heights, isobaths, contours and drawing of cross sections (conical hill and plateau, types of slopes, valleys, ridge and saddle, gorges, waterfalls 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:

- Jha, L. R. 2006: ज्ञानात्मक भूगोल। संस्थान प्रकाशन, घरेलू पुस्तक।
- Ghosh, L. R. 2006: Practical Geography. Pragat Pustak Publisher, Allahabad U.P.
STATISTICS

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

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

Paper-I Probability Theory


Syllabus B.A. Part-I

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

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

References

Additional References

Paper II: Descriptive Statistics

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

Graphical presentation of data- Histogram, frequency polygon, fre
Syllabus B.A. Part-I

18 hours

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

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

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


References

Additional References
Syllabus B.A. Part-I


Paper III. Practical Paper:

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

Dy. Registrar
(Academic)
University of Rajasthan
## APPLIED STATISTICS

<table>
<thead>
<tr>
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<th>No. of hrs.</th>
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<th>Min. Pass Marks</th>
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</thead>
<tbody>
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<td></td>
<td>per week</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>
<td>50</td>
<td>65</td>
</tr>
<tr>
<td>Paper-III (Practical)</td>
<td>4 hrs.</td>
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<td></td>
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<td>54</td>
<td>72</td>
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</tbody>
</table>

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

**Paper I : Probability Theory**

Unit I: Functional relationship between two variables, Polyno-

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


References:

Additional References:

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

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

Dy. Registrar (Acad.)
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SCHEME OF EXAMINATION:

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

<table>
<thead>
<tr>
<th>Paper</th>
<th>Nomenclature</th>
<th>Duration</th>
<th>Max. Marks</th>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Arts</td>
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<tr>
<td>I</td>
<td>Basic Psychological Processes</td>
<td>3 Hrs.</td>
<td>75</td>
</tr>
<tr>
<td>II</td>
<td>Social Psychology</td>
<td>3 Hrs.</td>
<td>75</td>
</tr>
<tr>
<td>III</td>
<td>Practical</td>
<td>3 Hrs.</td>
<td>50</td>
</tr>
</tbody>
</table>

NOTE:-

1. There will be three papers in Psychology. Each paper will be of 3 hours. There will be a common paper for Arts and Science. In I and II Papers there will be 3 Sections A, B and C and will cover the entire course content of the paper.

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

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

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

For clarification the distribution of marks is tabulated as below:-

<table>
<thead>
<tr>
<th>ARTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Section</td>
</tr>
<tr>
<td>A</td>
</tr>
<tr>
<td>B</td>
</tr>
<tr>
<td>C</td>
</tr>
<tr>
<td>Total Marks</td>
</tr>
</tbody>
</table>
Paper I - Basic Psychological Processes

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

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

Section-C
8. Intelligence: Definition and Theories- Spearman, Guilford, Cattell, Sternberg, Gardner; Meaning of IQ; Intelligence Tests.
9. Personality: Definition; Type Theories and Trait Theories - Allport, Cattell, McCrae and Costa; Personality Assessment- Self-report Inventories, Projective Tests and Behavioural Assessments.

Books Recommended:
Syllabus: B.A. Part-I

- सिह, अरुणकुमार (2017), आधुनिकसामाजिकसम्पर्क, नई दिल्ली: मोतीलालबनारसीदास।

Paper II - Social Psychology
Section-A


Section-B

5. Interpersonal Attraction: Proximity and Affective basis, Acquaintance and Need to Affiliate; Effects of Observable Characteristics, Similarity and Mutual liking.
6. Leadership: Definition and Functions; Types of Leadership. Trait, Situational and Contingency Approaches.

Section-C


Books Recommended:

- अरुणकुमारसिंह, (2002), समाजसामाजीक रूपसे, मोतीलालबनारसीदास, दिल्ली.

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Jaipur
Syllabus: B.A. Part-I

Practical

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
23 राजस्थानी

समय
पूर्णक
न्यूनतम उत्तरादेशक: 72
प्रथम प्रश्न-पत्र
3 घंटे
100
द्वितीय प्रश्न-पत्र
3 घंटे
100

प्रथम प्रश्न-पत्र-आंक विभाजन
1. प्रथम प्रश्न-पत्र में पांच प्रश्न होंगे। कुल 100 आंकों 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-समन्वित तीन भागों में विभाजित होगा——
(क) राजस्थानी भाषा में अनुवाद——7 आंक

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JAIPUR
Syllabus B.A. Part-I

(ख) हिंदी से (आद्यभाषी भाषा में) अनुवाद—7 अंक
(ग) राजस्थानी कहावतें अथवा प्रयोग—5 अंक

पाठ्य पुस्तकें:

1. राजस्थानी कहावतें—सम्पा. रावत पारस्वत, प्रेम जी प्रेम : प्रकाशक साहित्य अकादमी, रवीन्द्र भवन, नई दिल्ली। इस पुस्तक में से निम्नलिखित क्रम संख्या वाली 14 कहावतें 1, 9, 10, 12, 13, 14, 15, 16, 18, 20, 22, 23 तथा 28।

2. जयपुर की ज्योतिरार, ले. मदनमोहन सिद्ध (खण्ड एक से तीन) : प्रकाशक श्री सिद्ध हिंदी प्रचारक कार्यालय जयपुर।

संदर्भ ग्रंथ:

1. आधुनिक राजस्थानी साहित्य : प्रेणा योत और प्रवृत्तियाँ; लेखक डॉ. किरण नाहटा प्रकाशक किरण प्रकाशन, जोधपुर, जयपुर।

2. राजस्थानी गद्दी साहित्य : उद्धव और विकास : लेखक डॉ. शिवस्वरूप अंचल, प्रकाशक : शाहील राजस्थानी प्रकाशन, जयपुर।

3. राजस्थानी गद्दी शैली का विकास : डॉ. रामकुमार गवर्म, प्रकाशक देवनाम प्रकाशन, जयपुर।

राजस्थानी दितिश्रम प्रश्न-पत्र-राजस्थानी काव्य
अंक विभाजन—इस प्रश्न-पत्र में पाँच प्रश्न होंगे।

1. प्रत्येक पुस्तक से एक-एक व्याख्या कुल तीन व्याख्या।
(3×12=36)

2. प्रत्येक पुस्तक से एक-एक आलोचनात्मक प्रश्न।
(कुल तीन प्रश्न)
(18+18+16=52)

3. अलंकार : वैयक्त वस्तु, उपयोग, रूपक, उत्कृष्ट रूपक, रूपक।

4. छंद : दूरो, छोटे, छप्पय, बेहिस्सो।

संदर्भ ग्रंथ:

1. प्राचीन काव्यों की रूपक परम्परा-समस्याक अमर चंद नाहटा, प्रकाशक भारतीय विद्या पंडित श्रोत प्रतिष्ठान, जीवालाएं.
2. अलंकार परिभाषा—मरोतिमदास श्यामी।
3. रघुनाथ रूपक गीता रे—रघुनाथ रूपक गीता रे, प्रकाशक गंगा प्रकाश गंगा प्रकाश गंगा प्रकाश सम्पादन, जयपुर।
4. राजस्थानी साहित्य—एक परिसंह प्रकाशक नवमुख प्रथा कुंवर, जीवालाएं।

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JAIPUR
24. SHEEP AND WOOL

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

Scheme:

Min. Pass Marks 48

Max. Marks 132
Paper-I: Elements of Sheep Husbandry

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

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

Regionalisation of sheep in India.

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

Physiological: Carbohydrate, Protein, Fat-metabolism.

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

Paper-II: Elementary Sheep Production

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

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

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

Health Management: Drenching, diping, 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: Min. 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 steam of housing paddock and sheep. Yards, housing of different categories of sheep.
5. Farm equipments viz. feeding and watering thoughts shearing machines, weighting machines, hoof-paring, castrating equipment drenching and dosing equipments, branding and tagging equipments etc.
7. Lambing practices and rearing of young ones; Care and management of ewes at lambs and growing stock. Use of foot-bath and mouthwash.
8. Wool Science: Physical Properties of wool including microscopic study comparing it with hair and artificial fibers, Primary grading of wool; Microscopic study of fibers.
25. LIVESTOCK AND DAIRYING

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

Scheme:

<table>
<thead>
<tr>
<th>Scheme</th>
<th>Min. Pass Marks</th>
<th>Max. Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper-I</td>
<td>48</td>
<td>132</td>
</tr>
<tr>
<td>Duration</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paper-II</td>
<td>3 hrs. duration</td>
<td>Marks 66</td>
</tr>
<tr>
<td>Duration</td>
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<td></td>
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<tr>
<td>Practical</td>
<td></td>
<td>Marks 66</td>
</tr>
<tr>
<td>Min. Pass. Marks</td>
<td>24</td>
<td>Marks 68</td>
</tr>
<tr>
<td>4 hrs. duration</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>


1. Livestock population of India with special reference to Rajasthan. Distribution of different categories of livestock according to
the agroclimatic conditions of the state.
2. Contribution of animal and animal products in the economy of Rajasthan.
  Buffalows—Murrah, Surti, Mehsana.
  Goats—Sirohi, Alwar, Barbari, Jamunapuri, Beota, Marwari.
  Sheep—Sonodi, Chokia, Bikaneri, Marino, Rambouillet Camel.
  Ridi Dmeru.
  Poultry—Phode Island Red, White, 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 at parturition, drying off.
7. Care of newly born calf. Marking, dooming, castration.
8. Important points for the management of bulls, goat, sheep and poultry.
9. Livestock farm equipment, sanitar 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.

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5. Feeding pregnant, lactating animals, breeding bulls and bullocks.
6. Production of different types of grasses and forge, 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.
14. General hints on selection, score card, performance, pedigree and history sheets, culling.
15. Maintenance of breeding records.

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

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Paper-I
Max Marks-100
Min Marks-36

Paper-II
Max Marks-100
Min Marks-36

Note- Each Paper will contain nine questions having three questions from each Unit. Candidates are required to attempt five questions in all selecting at least one question from each Unit.

Paper I- Introduction to Anthropology

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

Unit-II
Basic Concepts : Culture, Society, Community, Group, Institution.
Human Institutions:
Family: Definition and functions. Family as the cornerstone of human society. Form and
Types of family. Joint family system in India. Changes in the institution of family.
Marriage: Definition and function in society. Forms and types of marriage. Bridewealth
and Dowry. Marriage regulation in India.

Unit – III
Kinship: Meaning of kinship and its role in society. Types of kins. Kin groups unilineal:
Religion: Meaning and role of religion. Theories of origin of religion: Animism and
Animatism. Relation of religion to other social institutions. Magic: Definition and types.

Readings Books :-
Beattie John, 1964, Other Cultures: Aims, Methods and Achievements in Social
Hasnain Nadeem, 1962, General Anthropology, New-Delhi, Jawahar Publishers &
Distributors.
Herskovits Melville Jean, 1948, Man and His works: The Science of Cultural
Anthropology, New York, A.A. Knof.
Madan T.N. and Majumdar D.N., 1957, An Introduction to Social Anthropology,
Bombay, Asia Publishing House (Hindi & English)
Mair Lucy, 1965, An Introduction to Social Anthropology, New Delhi, Oxford University
Press.

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UNIT-1

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

UNIT-III
Places of religious importance: Pushkar, Ajmer, Nathdwara, Beneshwar.
Folk deities: Ramdevji, Tejaji, Kailadevi, Gogaji, Jambhoji.
Folk fairs and festivals: Teej, Gangaur.

List of Books


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

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Jaipur
Dramatics

B.A. Part-I

(Drama)

Paper-I  Basics of Theatre (Theory)

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

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

2. Influences and Relationship with Other Art Forms
   a. Introduction to different aspects of theatre
   b. Definition of theatre and drama
   c. Elements of theatre
   d. Difference between theatre and drama

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

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

Paper – II Modern Indian Theatre (Theory)

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

I. Emergence of Modern Indian Drama

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

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

IV. People's Theatre Movement

V. Basic aspects of play analysis

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

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(Drama) Practical

Applied Theatre Practice

PRACTICAL PAPER –I

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

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

PRACTICAL PAPER –II

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

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

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part 1st Physical Education course shall consist of two theory paper carrying 60 marks each (Total 120 marks). Practical examination carrying 80 marks (Two games & Sports 40 marks each). A candidate shall have 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
2. Olympic Motto and flag.
5. 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. Sonlhi; Rajkumar Amrit Kaur, B.P. De Coubertin, Dr. P.M. Joseph; Shri H.C. Bueck, 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 Sarririk Shiksha Swasthya evam Khelo ki Adhunik Pathyapustak B A. Part II va III Kalyani Publications Ludhiana
7. Kalkesh K Samuel - Sarririk Shiksha ke Sudhant va Jivhas Prakash Brothers Ludhiana

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University of Rajasthan
FOUNTAIN OF PHYSICAL EDUCATION

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

Time 3 hours

Maximum Marks : 60
Minimum Pass Marks : 22

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

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

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

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

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

References:
5. Apar Singh et al. Satak aksha swasthya evam khelo ki Adhunik Pathyapustak B A. I Kalyani Publications Ludhiana
6. Apar Singh et al. Satak aksha swasthya evam khelo ki Adhunik Pathyapustak B A. II, III Kalyani Publications Ludhiana
7. Apar Singh et al. Satak aksha swasthya evam khelo ki Adhunik Pathyapustak B A. IV Kalyani Publications Ludhiana
8. Apar Singh et al. Satak aksha swasthya evam khelo ki Adhunik Pathyapustak B A. V Kalyani Publications 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 skill in the following:

1. Four period for theory
   (i) 1st Paper
   (ii) 1st Paper

2. Four period for practical work
   (i) Athletics: two periods
   (ii) Games: Two periods

(This shall carry 80 marks)

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## INDIAN HERITAGE IN RURAL HANDICRAFTS

<table>
<thead>
<tr>
<th>Sub.</th>
<th>Max. Marks</th>
<th>Min. Pass Marks</th>
</tr>
</thead>
<tbody>
<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>
</tr>
<tr>
<td>3. Submission</td>
<td>60</td>
<td>22</td>
</tr>
<tr>
<td></td>
<td>200</td>
<td>72</td>
</tr>
</tbody>
</table>

**Syllabus:**

**Paper I (Theory)**

3 hrs. duration

Max. Marks 60  
Min. Pass Marks 22

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**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.

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**Paper II (Practical)**

5 hrs. duration

Max. Marks 80  
Min Pass Marks 28

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

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Syllabus B.A. Part-I

3. Folk paintings.
4. Folk sculptures

Submission Works: Max. Marks 60 Min. Pass Marks 22

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

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

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

**COMPUTER APPLICATION**

<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>Science 50</td>
</tr>
</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. Timeldisplay controllers, DMA controllers.

Block diagram of IBM PC. Introduction to 8086 and 8088.

Functional description of various modules and cards.

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

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


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

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

Advance version of IBM and compatibles.

Paper II: Operating Systems and Business Data Processing

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

Various components of operating system with reference to DOS.

Single user operating system. Task loader. Memory management.

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

Practical

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

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