UNIVERSITY OF RAJASTHAN JAIPUR

SYLLABUS

B.A. PART-I

Examination-2020

Dy. Registrar (Academic-I)
Univrsity of Rajasthan
Jaipur
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**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.
पूर्णक 100

नोट : 36 से कम अंक लाने पर छात्रों को उत्तीर्ण नहीं किया जायेगा। इस प्रश्न-पत्र में प्राप्त अंकों को श्रेणी निर्धारण हेतु नहीं जोड़ा जायेगा।
अंक विभाजन - प्रश्न पत्र में दो भाग होंगे - 1. साहित्य खंड एवं 2. व्याकरण खंड। साहित्य खंड में दो भाग होंगे - गद्य भाग एवं पद्य भाग। प्रत्येक खंड के लिए 50 अंक निर्धारित है।

क 5 x 2 = 10 अंक
ख 5 x 2 = 10 अंक
ग 7/2 x 2 = 15 अंक
घ 7/2 x 2 = 15 अंक

साहित्य खंड - 'क' :- गद्य-पद्य की निर्धारित रचनाओं
गद्य भाग -

1. कहानी - प्रेरणंद - बड़े भाई साहब
   विजयदास देशा - सिकंदर और कौआ
2. संस्कृत - कृष्णालाल गिरि 'प्रमाण' - ब्यालिस के वध की उन लहरों में
3. रेखाचित्र - रामचूर बेनीपुरी - रंजिया
4. विज्ञान - गुणकर गुले - गाने सबसे सुन्दर ग्रह
5. निबंध - अगरबंद नाहटा - राजस्थान की सांस्कृतिक धरोहर
6. ध्वन्य - श्रवण जोशी - जीवन पर सवार इलियंज
7. पर्यायवर्त - अनुपम गिरि - आज भी खरे हैं तालाब

पद्य भाग :- (कबीर प्राचार्यलीं से सं - स्यामपण्डित दास)

1. कबीर - साही सं - गुरुदेव को अंग - 7,12,26,30
   सुनुन को अंग - 10,17,24,26
   छवि को अंग - 2,6,10,18
2. सूरदास सूरसागर सार - सं. डॉ. धीरेंद्र वर्मा
   विनय मलित पद सं - 21,33
   गोपुरल लीला पद सं - 55,59
   बुद्धदेवल लीला पद सं - 10,28
   ज्ञात त्रयस पद सं - 77,79
3. तुलसीदास - विनय परक्रम, परिच्छेद, गोरखपुर पद रा - 87,90,150,151
4. नैना - पदावली सं - 15,14,5,10
   रहीम प्राचार्यलीं संपादक विद्यानिधि मिश्र, गोपिन्द सरजनी (सं.हवली) 186,191,211,212,214,218,219,220,223,224
5. श्रीमंत (दस दोह) - गंगा, भगवान, सं. साकेत के नाम संग सं.
6. मैथुनलाल गुप्त - गुणवत्ता, एवं सं.साकेत के नाम संग सं.
7. सुग्रीवविकास पंत - तौलिया विहार
8. सुरेशकुमार भिकाल गिरावला - वेद तौलिया तौलिया
9. संजयनंद हिरानंद वाल्स्य उदाय - दिल्लीवाला
10. रामचंद्र सिंह सिन्हाक - विजयनगर, सं. साकेत के नाम संग सं.
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*50 अंक*

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2. GENERAL ENGLISH
(Examination-2020)

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 (2½)
from English to Hindi (2½)

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

I Elements of a Sentence (05)
II Transformation of Sentences (05)
   a. Direct and Indirect Narration
   b. Active and Passive Voice
II Modals (05)
III Tense (05)
IV Punctuation of a Short Passage with 10 Punctuation Marks (As discussed in Quirk and Greenbaum) (05)

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.

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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
A.P.J. Abdul Kalam  Vision for 2020

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
(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 Examination-2020

Scheme of examination

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<td>3 hrs</td>
<td>36</td>
<td>100</td>
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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 nonrenewable energy sources, use of alternate energy sources. Case studies.

g. Land resources: Land as a resource, Land degradation man induced Landslides, soil erosion and desertification.

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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-spot of biodiversity
- Threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts
- Endangered, Threatened and endemic species of India
- Conservation of biodiversity: In-situ and Ex-situ conservation of biodiversity
- Red Data Book

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

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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:-

4. Elementary Computer Applications

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

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

Unit - I

Introduction to information technology : Evolution and generation of computers, type of computers, micro , mini , mainframe and super computer. Architecture of a computer system : CPU , ALU, Memory (Ram, Rom families)cache memory, input /output devices, pointing devices.

Concept of Operating system, need types of operating systems, batch, single user, multi – processing , distributed and timeshared operating systems, introduction of Unix. Linux, Windows, Window NT. Programming languages Low level and high level languages, generation of languages , 3 GL and 4 GL languages .Graphic User Interfaces.

Unit - II


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

Unit - III

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

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

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

Unit - V


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

Question Paper pattern for Main University Practical Examination

Max Marks: 40

Practical

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

The practical examination scheme should be as follows

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

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बी.ए. प्रथम वर्ष : प्रारंभिक हिन्दी

पूर्णक : 100

अंको का विभाजन
1. पुस्तकों पर आधारित प्रश्न
2. व्याकरण से संबंधित प्रश्न
3. रचना से संबंधित प्रश्न
   (क) लोकोकालिक्यों मुहावरे
   (ख) पत्र लेखन अथवा निबंध

पाठ्यक्रम
1. गद्द संग्रह
2. व्याकरण : शब्द विवाद, वाक्य विभाग, वाक्य खण्ड, पद क्रम का ज्ञान तथा इनमें होने वाली सामान्य तुलनात्मक विनियोग का ज्ञान।
3. (क) मुहावरों एवं लोकोकालिक्यों का प्रयोग, वाक्यों में रिक्त स्थानों की पूर्ति, समान दिखाने वाले शब्दों का अर्थ भेद अथवा वाक्यों में प्रयोग
   (ख) पत्र लेखन अथवा निबंध

पाठ्य पुस्तकें
1. गद्द-संग्रह-राष्ट्रीय गौरव के बिन्द- डॉ. हरिकृष्ण देवकर
   प्रकाशक-नेशनल पब्लिशिंग हाउस, नई दिल्ली

व्याकरण एवं रचना
1. अंकों के हिन्दी व्याकरण तथा रचना - लेखक कृष्ण विकल
   प्रकाशक-नेशनल पब्लिशिंग हाउस, नई दिल्ली
2. सुसंदर व्याकरण एवं रचना-समादर-व्याख्यातिक उदय-संयोगिताकर्ता-डॉ. अम्बा प्रसाद सुमन
   प्रकाशक - श्रीसम मेराहा एण्ड कमनी, आगरा

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OPTIONAL SUBJECTS

1. ENGLISH LITERATURE

(Examination-2020)

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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[Signature]
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


**SECTION C**

W. Shakespeare: *As You Like It*

**Reference Books :-**

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

*History of English Literature* by Hudson

*Pelican Guide to English Literature* by Boris Ford ed:

**Paper II: Prose and Fiction**

*Maximum Marks: 100*  
*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**

<table>
<thead>
<tr>
<th>Bacon</th>
<th>Of Studies</th>
</tr>
</thead>
<tbody>
<tr>
<td>B. Russell</td>
<td>Knowledge and Wisdom</td>
</tr>
<tr>
<td>Leigh Hunt</td>
<td>On Getting Up on Cold Mornings</td>
</tr>
<tr>
<td>M.K. Gandhi</td>
<td>Fearlessness</td>
</tr>
<tr>
<td>Lucas</td>
<td>Third Thought</td>
</tr>
<tr>
<td>S. Radhakrishnan</td>
<td>Democracy</td>
</tr>
<tr>
<td>H. Belloc</td>
<td>On Educational Reform</td>
</tr>
</tbody>
</table>

**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.)

*Dy. Registrar (Academic-I)*  
*University of Rajasthan*  
*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)
वी. प्र. प्रथम वर्ष – हिन्दी साहित्य
प्रथम प्रश्न पत्र – (आदिकाल और भक्तिकाल)
पूर्णांक 100

1. ठोला मारू रा ठोला – सम्पादक – नरेन्द्रमल दास स्वामी
ठोला संख्या – 119 से 133

2. विद्यापति – सम्पादक शिवप्रसाद सिंह
नन्दक नन्दन – विद्यापति पदावली
सुन जसिया ऊबन बजाख विपन बसिया
विरह व्याकुल मृदुल तत्काल
कुंज भवन से चल चेल है
सखि है कलाक न देख मधाई

3. बीसदेव रास – सम्पादक ब्रजनाथरायण पुषोहित
(आध्यात्मिक पद्मशर्म, बिस्तो का चौक, बीकानेर से)
पद संख्या 2. दुसरैड़ कंडवड़ गणपति जाइ.....................
3. हंस वाहिणी देवी करी धार राय वीण.....................
4. नालाह रसायण रस भरि गम्ह.....................
11. देस मालव मा हे नगरी धार.....................
12. नालाह व्यावण नगरचु धार.....................
28. बांगका घाट आया आजमेर.....................
50. मिति सहेली कीजइ वात.....................
54. जोदइ राजमति कउ बीइ .....................

4. कबीर दास कबीर प्रथावली सम्पादन – स्वरमुन्दर दास
विरह को अंग साखी सं. 7, 8, 9, 11, 12, 13, 14, 15, 16, 17
पद

ऊधो अधिबार्य अति अनुरागी
उपमा एक न आज गही
ऊधो मन नाहीं दस-बीस
निघुंग कौन देस को वासी
हमारे हरिहारि को लकरी
उर में मारवन चोर गाड़े
मधुकर स्थाम हमारे चोर
ऊधो भली करी ब्रज आए
बिन गोपाल वैसि भई कुंजी
लखियात कालिन्दी अति कारी

6. तुलसीदास कवितावली— गीता प्रेस गोरखपुर

छद

पुस्ते निकसी रघुसीर कथू
जल को गए लक्षन है लरिका
रानी में जानि अजानी महा
शुन सुंदर बैन सुधारस साने
कोषि दशकंध तव प्रलय पयोष बोले
पावक पवन, पानी भानु हिम कालु जम्मु
गजबाजि घटा भले भूरि मरा
राज सुरेश प्रचासक को, विधि के मसक
7. जासूसी — जासूसी प्रश्नावली सं. — सामान्य सुन्दर सिंहलीय वर्णन खण्ड, प्रारम्भ के 5 अंश
सिंहल ट्रिप कथा अब गांठाे ....... भासा लेह बद्द कर नापु
8. मैरी — मैरी मुस्लिम ली सं. — गर्भस्थ स्वागती जन
पद संख्या — 14, 15, 16, 20, 23, 28, 31, 32.
9. रस्तानाव — रस्तानाव व्युत्करण सं. — विद्वानविद्वान मिश्र
सुजाता रस्तानाव अंश से प्रारंभ 8 छंद

अंक विभाजन
कुल चार आखार 4
(एक कवि से केवल एक आखार) (आत्मरुक विकल्प देय) 4 x 9 = 36
कुल चार निबंधारप्रक प्रश्न — एक कवि से संबंधित एक ही प्रश्न (आत्मरुक विकल्प देय) 4 x 14 = 56
दो टिप्पणियाँ — आदिकाल और भवितकाल की प्रवृत्तियों से 2 x 4 = 08 (आत्मरुक विकल्प देय)

'श.प. ग्राहम वर्ष हिंदी साहित्य
द्वितीय प्रश्न पत्र (कहानी और गद्दी की अन्य विवाहारी)
व्यूहात्मक उत्तरांक 38

पूर्णक 100
खण्ड क
कहानी
विद्वान सर्वोत्तम गुणित
प्रेमचन्द — नन्दकुमार राय
चार शर्म, प्रसाद — मधुवर
जेनेरल — पंजाब
संगीत — कविताएं
मोहन राजेश — पेस राजेश
गंगुर गण्डार — राजा
सेङ्गेश जोशी — दादुपु
संगीत संधि — गंदगुल
खण्ड ओ
गद्दी की अन्य विवाहार

संस्करण — अनोखे
यात्रा — धर्मवीर भारती
आलोचना — शान्ती
रेखायात्र — महादेवी शर्मा
सिटेट — रायान सारध
यथयथ — हरिशंकर परसाई
ब्राह्मण — आचार्य विवाहारी
शैतानिय — देश एवं प्राकृतिक
वाणी — हरिराम शर्मा

खण्ड — स
कहानी स्वरूप और परिचय
कहानी का विकास
गद्दी की कवितार्थ विवाहार का विकास
अंक विभाजन
कुल चार आखार अंश से दो आखार गद्दी की विवाहार खण्ड से चार आलोचनात्मक प्रश्न — (खण्ड अ व ब में से)
दो टिप्पणियाँ — (खण्ड स में से) (आत्मरुक विकल्प देय)

09 x 04 = 36
04 x 14 = 56
02 x 04 = 08

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(Academic)
University of Rajasthan
JAIPUR
3. URDU

B.A. Part-I Examination-2020

Paper I : Prose and Drama

Max.Marks 100 3 Hrs. Duration

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

Books prescribed:

The following are prescribed from the book:
   (a) Ghazaliyat : Meer, Atish & Ghalib
   (b) Nazmen: Iqbal, Nazeer & Josh.

2. Jaddeed Idemul Balaghya 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.
4. PERSIAN

B.A. Part-I Examination-2020

Paper I: PROSE

Scheme:
Max. Marks 100

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.
           (B) Explanation of 2 passages out of 3 from the prescribed Text 10
Unit-2  Translation of 2 passages out of from the prescribed Text 20
Unit-3  Biographical questions on prescribed writers 20
Unit-4  Critical questions on prescribed writers 15
Unit-5  Summary of a lesson 15

Total 100

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

Books Recommended:
1. Tareekh-e-Adabiyate Iran By Raza Zada Shafak
2. Sanadecd-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 Meeraa


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

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

Division of Marks:

Unit-1
   (A) Ten short answer type questions based on full paper. 10
   (B) Translation two passage out of three in to Urdu from Manzoomat. 20

Unit-2
   Translation of two passages out of three in to Urdu from Ghazliyat. 20

Unit-3
   Biographical/Critical question on Ghazal writer. 15

Unit-4
   Biographical/Critical question on Nazm writer. 15

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

Total 100

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

[Signature]
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University of Rajasthan
Jaipur
5 SANSKRIT

बी.ए. संस्कृत प्रथम वर्ष 2020

सामान्य निर्देश -

1. प्रत्येक परीक्षा में दो-दो प्रश्नपत्र होंगे।
2. प्रत्येक प्रश्नपत्र में न्यूनतम उत्तरीयक्ष 36 तथा पूर्णांक 100 होंगे और समय 3 घण्टे का होगा।
3. परीक्षा का माध्यम हिंदी/अंग्रेज़ी होगा, परंतु प्रश्नपत्र केवल हिंदी में बनाया जायेगा।
   परीक्षाधीन छात्र जिस भाषा में तत्कालीन अध्ययन किया जा रहा हो उसी भाषा में उत्तर दे सके। यदि परीक्षाधीन छात्र अपनी भाषा में ही उत्तर देना कर दिया गया हो, तो उस प्रश्न का उत्तर उसी भाषा में देना अनिवार्य होगा।
4. संस्कृत केवल देवनागरी लिपि में ही सिखा जाना अपेक्षित है।
5. निर्धारित ग्रन्थ में से अनुयाय, व्याख्या, सरलार्थ एवं समालोचनात्मक प्रश्न पूछे जाएंगे।
6. प्रत्येक प्रश्नपत्र में 10 प्रश्न अंक संस्कृत भाषा में उत्तर दे सकते हैं।
7. प्रत्येक प्रश्नपत्र में दो भाग होंगे, जिनमें प्रथम 'अ' भाग लघुपदार्थक प्रश्नों का होगा। द' भाग में निबन्धात्मक प्रश्न होंगे। 'अ' भाग में कुल 15 प्रश्न होंगे, जिनका पूर्णांक 30 होगा।

परीक्षा योजना -

<table>
<thead>
<tr>
<th>न्यूनतम उत्तरीयक्ष</th>
<th>पूर्णांक</th>
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<tr>
<td>72</td>
<td>200</td>
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<tr>
<td>प्रथम प्रश्न-पत्र</td>
<td>अंक-100</td>
</tr>
<tr>
<td>हिंदी प्रश्न-पत्र</td>
<td>अंक-100</td>
</tr>
</tbody>
</table>

प्रथम प्रश्न-पत्र

दृष्टि एवं श्रवण काव्य

समय : 3 घण्टे

प्रथम प्रश्न में निर्धारित ग्रन्थ में से लघुपदार्थक समालोचनात्मक प्रश्न पूछे जाएंगे। 15 प्रश्न लघुपदार्थक होंगे, परंतु प्रश्नपत्र के लिए 2 संस्कृत भाषा के माध्यम से देना होगा, प्रत्येक प्रश्न के लिए 2 अंक निर्धारित हैं। जिस प्रश्नपत्र में संस्कृत अनुयाय/निबन्ध निभाए गए हैं वहाँ संस्कृत में उत्तर अपेक्षित नहीं हैं।

पाठ्यक्रम

1. स्वर्णवादवधत्मक (भास)
2. नीतिसारामक (वर्तमान)
3. रघुवराम (प्रथम सर्ग)
4. अनुयाय - संस्कृत से हिंदी-कारक संबंधी पांच वाक्य
5. हिंदी से संस्कृत दस में से पांच वाक्य

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प्रश्न-पत्र का निर्माण निम्नानुसार होगा —

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

लघूतरात्मक प्रश्न के 2 अंक निर्धारित हैं।

निबंधात्मक/ व्याख्यात्मक प्रश्न

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

भाग ब
1. 4 श्लोक पूछकर उनमें से किसी 2 की सप्रसंग व्याख्या पूछी जायेगी।
2. दो विवेचनात्मक प्रश्न पूछकर किसी एक का उत्तर देये हैं।

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

भाग ब
1. 4 श्लोक पूछकर उनमें से किसी 2 की सप्रसंग व्याख्या पूछी जायेगी।
2. दो विवेचनात्मक प्रश्न पूछकर किसी एक प्रश्न का उत्तर देये होगा।

रशुवशम् (प्रथम सम्भव)
भाग अ में 2—2 अंक के पाँच लघूतरात्मक प्रश्न पूछे जायेंगे।

भाग ब
1. 4 श्लोक पूछकर उनमें से किसी 2 श्लोकों की सप्रसंग व्याख्या पूछी जायेगी।
2. दो विवेचनात्मक प्रश्न पूछकर किसी एक प्रश्न का उत्तर देये होगा।

अनुवाद
1. संस्कृत से हिंदी- कास्क संबंधी पाँच वाक्यों का अनुवाद अपेक्षित है।
2. हिंदी से संस्कृत— दस वाक्य देकर पाँच वाक्यों का अनुवाद अपेक्षित है।

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University of Rajasthan
Jaipur
सहायक पुस्तक--
1. स्वन्वितवदत्तम्—डॉ. कृष्णदेव प्रसाद—जगदीश संस्कृत पुस्तकालय, शालानियों का रास्ता , जयपुर।
2. स्वन्वितवदत्तम्—डॉ.रघुनारायण यादव—सच्चा प्रकाश, जयपुर। स्वन्वितवदत्तम्—संस्कृत हिंदी व्याख्या—डॉ.जगनाथ पाण्डेय, जगदीश संस्कृत पुस्तकालय, शालानियों का रास्ता , जयपुर।
3. स्वन्वितवदत्तम्—डॉ.सुभाष वेदालंकार, —अलंकार प्रकाशन, जयपुर।
4. स्वन्वितवदत्तम्—डॉ.श्रीकृष्ण ओझा, अभिगेत्र प्रकाशन, अंधवा रास्ता जयपुर।
5. नीतिशालकम—डॉ. गोपाल गांधी, हंसा प्रकाशन, जयपुर।
6. नीतिशालकम—डॉ. श्रीकृष्ण ओझा., राज प्रकाशन मंदिर, जयपुर।
7. नीतिशालकम— डॉ.सुभाष वेदालंकार, हंसा प्रकाशन, जयपुर।
8. रघुदास (प्रथम सर्ग)
9. संस्कृत व्याकरण— श्री निदास शास्त्री।
10. दृढ़ अनुवाद चन्द्रिका — चन्द्रमा हंस नीतिवाल

द्वितीय प्रश्न—पत्र

समय : 3 घण्टे अंक—100

भारतीय संस्कृती के तत्त्व, पद्ध साहित्य, व्याकरण

प्रश्नपत्र योजना— प्रथम प्रश्न में निर्धारित अनुशासन में से लघूतरंतर निबंधारण, अनुवाद, व्याख्या व समालोचनात्मक प्रश्न पूछे जायेंगे।

पाद्यक्रम

1.भारतीय संस्कृती के तत्त्व—

क— भारतीय संस्कृति—विषय, पृष्ठभूमि, विशेषताएँ।
ख— भारतीय संस्कृति के विकास की रूपरेखा—पूर्ववैदिक काल, वैदिकत्तर-काल, मध्यकाल एवं आधुनिक काल।
ग— प्राचीनकाल— राजनैतिक, सामाजिक एवं आर्थिक स्थिति।
घ— वर्ग, आश्रम, एवं संस्कार।
ड— शिक्षा (वैदिककाल से लेकर 7वीं शताब्दी तक)
च— लेखन—कला की उत्पत्ति।
छ— भारतीय वर्ण— प्रमुख विशेषताएँ।
ज— भारतीय संस्कृति का मानव—कल्याण में योगदान।

2. किशोराधिकारीम् (प्रथम सर्ग)—भारतविरूप

3. व्याकरण—लघुसिद्धान्तकौमुदी—संज्ञा, एवं संधि प्रकरण

क—संज्ञा प्रकरण— 10 अंक
ख—अचूत संधि— 10 अंक
ग— हल संधि— 10 अंक
घ— विशेष संधि— 05 अंक

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4. निम्नलिखित कृति प्रत्येक से वाक्य निर्माण सम्बन्धी प्रश्न –

तत्त्वज्ञान, अनीयर – तत्त्त्वविद्याशास्त्र

यत्र - अन्यो यत्र, ईद्यम्, पोपदुप्फारन्
वयम् - एतिन्यज्ञास्मातः वयम्, हस्तस्य पिति कृति युक्तः, शास्त्र सद्यःवहोः
प्रपातः - ऋहारायणः
शालि, शान्ति - लद्यः शालिज्ञानावधारायमासामानार्थिं, अन्ये वने
कता, बन्धुशरी - क्लक्षरतुं, निर्माता, रावणः निर्माताः न: पूर्वम् च दः
कल्याणः - समानन्दांशुक्तः गृहकाले
त्यथा - समायोज्यं पूर्व कत्वोऽवम्
दुर्गनिः - दुर्गमण्डली क्रियायी क्रियादीयायाम्

अंक—विभागन

<table>
<thead>
<tr>
<th>क्र.</th>
<th>पुस्तक का नाम</th>
<th>लघूतत्त्वात्मक प्रश्न</th>
<th>अंक</th>
<th>निविद्यात्मक प्रश्न संख्या</th>
<th>अंक</th>
<th>अंको का योग</th>
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<tbody>
<tr>
<td>1.</td>
<td>भारतीय संस्कृति के तत्त्व</td>
<td>लघूतत्त्वात्मक 3</td>
<td>06</td>
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<td>06+14=20</td>
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<tr>
<td>2.</td>
<td>किराताज्ञानीयम् क्रियायी (प्रथम संग्रह)</td>
<td>लघूतत्त्वात्मक 4</td>
<td>08</td>
<td>02</td>
<td>17</td>
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<td>3.</td>
<td>लघूप्राचीनकौमुदी-संज्ञा, एव संस्कृति प्रकारण</td>
<td>लघूतत्त्वात्मक 5</td>
<td>10</td>
<td>01</td>
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<td>10+25=35</td>
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<td>कृति प्रत्येक</td>
<td>लघूतत्त्वात्मक 3</td>
<td>06</td>
<td>07</td>
<td>14</td>
<td>06+14=20</td>
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<tr>
<td>कुल</td>
<td>15</td>
<td>30</td>
<td>10</td>
<td>70</td>
<td>100</td>
<td></td>
</tr>
</tbody>
</table>

प्रश्न—पत्र का निर्माण निम्नानुसार होगा –

1. सभी प्रश्न अनीयर हैं।
2. प्रत्येक पुस्तक से लघूतत्त्वात्मक व निविद्यात्मक, व्याख्यात्मक प्रश्न पूछे जायेंगे।

लघूतत्त्वात्मक प्रश्न के 2 अंक निधिरित हैं।

निविद्यात्मक/ व्याख्यात्मक प्रश्न
भारतीय संस्कृति के तत्त्व
भाग अ में 2-2 अंक के तीन लघूतत्त्वात्मक प्रश्न पूछे जायेंगे।

भाग ब
1. दो निविद्यात्मक प्रश्न पूछकर किसी एक का उत्तर अमीठ है। 10 अंक
2. दो विषयों पर टिप्पणी पूछ कर किसी एक का उत्तर अमीठ है। 04 अंक

किराताज्ञानीयम् (प्रथम संग्रह)
भाग अ में 2-2 अंक के चार लघूतत्त्वात्मक प्रश्न पूछे जायेंगे

08 अंक

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\[\text{Signature}\]
भाग- ए

1. 4 श्लोक पूर्वकर उनमें से किन्ही 2 श्लोकों की सारांश व्याख्या पूरी जायेगी।
2. दो विवेचनात्मक प्रश्न पूर्वकर कि किसी एक प्रश्न का उत्तर देय होगा।

व्याकरण-लघुसिद्धान्त कौमुदी

भाग अ में 2-2 अंक के पाँच लघुसिद्धान्त प्रश्न पूछे जायेगे।

भाग ब

क. संज्ञा प्रकरण

4 सूत्र पूर्वकर किसी 2 सूत्रों की सोदारण व्याख्या अपेक्षित है।

प्रत्येक व्याख्या के लिये 2 अंक निर्धारित हैं।

ख. अचर संधि-

4 सूत्र पूर्वकर किसी 2 सूत्रों की सोदारण व्याख्या अपेक्षित है।

प्रत्येक व्याख्या के लिये 2 अंक निर्धारित हैं।

4 शब्दसिद्धि पूर्वकर किसी 2 शब्दों की सूत्रनिर्देश पूर्वक सिद्धि अपेक्षित है। प्रत्येक सिद्धि के लिये 2 अंक निर्धारित हैं।

ग. हस्त संधि-

4 सूत्र पूर्वकर किसी 2 सूत्रों की सोदारण व्याख्या अपेक्षित है।

प्रत्येक व्याख्या के लिये 2 अंक निर्धारित हैं।

4 शब्दसिद्धि पूर्वकर किसी 2 शब्दों की सूत्रनिर्देश पूर्वक सिद्धि अपेक्षित है। प्रत्येक सिद्धि के लिये 2 अंक निर्धारित हैं।

घ. विसर्ग संधि-

2 सूत्र पूर्वकर किसी 1 सूत्र की सोदारण व्याख्या अपेक्षित है।

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

ड. कृत्तिप्रश्न-

भाग अ में 2-2 अंक के तीन लघुसिद्धात्मक प्रश्न पूछे जायेगे。

भाग ब

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

कुल योग-100 अंक

सहायक पुस्तकों- भारतीय संस्कृति

1. भारतीय सांस्कृतिक निधि- डॉ. रामजी उपाध्याय, महामायनरूपी, वाराणसी।
2. भारतीय संस्कृति-श्री रामदेव साहू, श्राम प्रकाशन चौंडा रास्ता, जयपुर।
3. भारतीय संस्कृति- वाई.एस.अमेशर-चलना प्रकाशन, जयपुर।
4. भारतीय संस्कृति- डॉ. रामजी उपाध्याय, महामायनरूपी, वाराणसी।
5. भारतीय दर्शन- डॉ. बलदेव उपाध्याय, चौंडा रास्ता प्रकाशन, वाराणसी।

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किराताजुंगीयम्
1. किराताजुंगीयम् (प्रथम सभी)–आचार्य नवल किशोर कांकर, विद्या वैभव भवन, जयपुर।
2. किराताजुंगीयम् (प्रथम सभी)–डॉ. विरचनाथ शर्मा, आदर्श प्रकाशन, जयपुर।
3. किराताजुंगीयम् (प्रथम सभी)–डॉ. तुमाप भवालंकार, अधिकार प्रकाशन, जयपुर।

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

व्याकरण के लिये
1. लघुसिद्धान्त कौमुदी– श्रीगंगा सिंह कुशवाहा, चौखम्मा संस्कृत प्रतिष्ठान, दिल्ली।
2. लघुसिद्धान्त कौमुदी– श्री धरानन्द शास्त्री, मोतीलाल बनारसीदास, दिल्ली।
3. लघुसिद्धान्त कौमुदी– श्रीमलेन शास्त्री।
4. संस्कृत व्याकरण– श्री निवास शास्त्री।
5. वृहद अनुवाद यज्ञिका – चक्रधर हंस नौटियाल

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6 PHILOSOPHY
B.A. Part-I Examination-2020

Scheme:

<table>
<thead>
<tr>
<th>Two Papers</th>
<th>Min. Pass Marks 72</th>
<th>Max. Marks 200</th>
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<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 up to 50 words. These questions will cover the entire units and there will be no unit wise division of the questions asked in this part.

(4) Part II of the question paper will be of 60 marks and students will be required to write detailed answers 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.
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

मणिलल पाण्ड्यः भारतीय दर्शन का सर्वभूणियो भविष्यवादी हाफिल
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 posteriori, possibility of synthetic a priori judgments.

Suggested Readings:

W.T. Stace : *A Critical History of Greek Philosophy*

J.S. Srivastava : 1- ग्रीक दर्शन का वैज्ञानिक इतिहास, किताब महल, इलाहाबाद
                2- सध्यासूनी के दर्शन का वैज्ञानिक इतिहास, किताब महल, इलाहाबाद
                3- आधुनिक दर्शन का वैज्ञानिक इतिहास, किताब महल, इलाहाबाद

याकूब मसीह : पारसृत्य दर्शन का समीक्षात्मक अध्ययन, मोतीलाल बनारसीदास, दिल्ली (English Translation Available)

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

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HISTORY

The scheme of examination will be as follows:

Scheme:

Maximum Marks 200

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

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

Section - A


Section - B


Section - C

खण्ड - क

1200 ईस्वी तक मान्यता के इतिहास के मुख्य घटों। मान्यता की प्रारंभिक समयों का संधिर वर्णन। सिस्त्र-सरस्वती समय - उदयग, विसार, रूमसू विशेषताएं, घाट एवं निरंतरता। वैदिक युग - वैदिक साहित्य, राजशासन, समाज, अर्थव्यवस्था एवं धर्म। मान्यता की लोहासरी समयों का संख्यात्मक वर्णन। जनपदों एवं महानायकों का उदय - राजस्त्र एवं गणराज्य। पंद वंश तक मान्यता सार्वज्ञानिक का वर्णन। घन ध्वनि एवं चीज़का धर्म - उदयग, शिलाएँ, योगावलि।

खण्ड - ख

मूर्ति सामाजिक- मुख्य घटों। चन्द्रगुप्त मौर्य एवं अशोक। अशोक का धर्म। इसकी प्रकृति एवं प्रयोग। मौर्यकालीन राज्य एवं प्रशासन, समाज एवं अर्थव्यवस्था, कला एवं स्थापत्य। मौर्यों का पतन। मौर्यावत राज्य (लगभग 200 ई., पू. से 300 ईस्वी) - रंगो, साहित्य एवं कलाओं के उग्रवाद। मौर्यावत राज्य में सामाजिक, धार्मिक एवं आर्थिक जीवन, तथा साहित्य एवं कलाओं का विकास। संगम युग - साहित्य, समाज, अर्थव्यवस्था एवं संस्कृति।

खण्ड - ग

गुरु सामाजिक- समुदाय, चन्द्रगुप्त द्वितीय विक्रमदिन, स्तंभगुप्त की उत्पत्ति। राज्य एवं प्रशासनिक संस्थाएँ। सामाजिक एवं आर्थिक जीवन। धार्मिक विचार एवं संस्थाएँ। साहित्य, कला एवं विज्ञान का विकास। 750 ईस्वी तक गुरुवाहारी काल - क्वांटो चालुक्यों एवं पंडितों की उत्पत्ति। श्री-वर्णधारी संस्थाएँ। सामाजिकार्थ घटों एवं उनकी उत्पत्ति। 750 से 1400 ईस्वी के काल में सामाजिक एवं आर्थिक परिवर्तनों का अभ्यास तथा सांस्कृतिक जीवन का संक्षेप संक्षेप।

Books Recommended (अनुसारित पुस्तक):

H. D. Sankalia : Prehistory of India, Murshiram Manoharial, New Delhi, 1977
R.K. Mookerji : Chandragupta Maurya and His Times, Delhi, 1952 (also in Hindi)
B. N. Puri : Asoka, Delhi, 1972 (also in Hindi)

India under the Kushanasa, Bombay, 1965

Dy. Registrar (Acad.)
University of Rajasthan
JAIPOUR
PAPER II: HISTORY OF RAJASTHAN (FROM EARLIEST TIMES TO 1956 A.D.)

Section - A

Section - B


Section - C


द्वितीय प्रश्नपत्र : राजस्थान का इतिहास (आर्थिक काल से 1956 ईस्वी तक)

खण्ड - ख

राजस्थान का इतिहास के सर्वश्रेष्ठ का समीक्षण। राजस्थान में पुरावशेषकालीन एवं ध्यानानकालीन संस्कृतियाँ। साधारणतः एवं तात्त्विक संस्कृतियों का विस्तार एवं निर्माण। ब्रह्मण, महादेव, गणेश। कालीमण्डा संस्कृति की प्रथा। राजस्थान में तत्त्व निर्माण एवं विद्वान वाक्य। राजपूतों का उदय। गुहिलों, गुर्जर-प्रतिहारों एवं चाकुराचार्यों का उदय। निर्माण एवं स्तर।

खण्ड - ख

राजस्थान में गुर्जर आक्रेन्य का राजपूत प्रतिष्ठा। महाराजा कुमार एवं संभा के अधीन ग्राम। परम प्रताप का स्वतंत्रता के लिए समर्थ। ब्रह्मण के लिए बदलने के प्रयास। अन्य जातियों का पदान्त। राजस्थान में संस्कृति एवं संस्कृति की मुख्य निर्माण। संस्कृति का सम्बन्ध (1200-1750 ईस्वी)। निर्माण दादू। गुर्जर एवं स्थापना। गुर्जर, मंदिर।

खण्ड - ग

राजस्थान में मस्ता आक्रेन्य एवं उनका भ्रम। ब्रिटिश प्रभुत्व का भीतरी एवं इसके परिणाम। 3 ईस्वी के प्रारम्भ प्राचीन एवं नववीं परिवर्तन। सामाजिक परिवर्तन – कन्ना-हिम्य का एवं सती प्रतिष्ठा। आर्थिक परिवर्तन – बृहत राजकुम वंडेयता। नयेंक एवं अधिकार व्यापार पर ब्रिटिश एकाधिकार। राजस्थान में 1857 का विद्रोह। राजस्थान में आर्थिक समृद्धि का भ्रम। कृषि आदेशों एवं नरसंहारी लोगों का एक संघीय समृद्धि। राजस्थान में ग्राममंडलों का गठन एवं स्वाधीनता संघर्ष। राजस्थान के एकोंकरण।

Dy. Registrar (Acad.)
University of Rajasthan
JALPUR
Rajasthan through the Ages, Vol. I, Bikaner, 1966
Early Chauhan Dynasties, Delhi, 1975

N. Sharma
Rajasthan through the Ages, Vol. II
Miotar and the Mughal Emperors
Social Life in Medieval Rajasthan

S. Jain
Rajasthan through the Ages, Vol. III
Surplus to Subsistence, Delhi, 1994
Concise History of Modern Rajasthan

C. Shukla
Early History of Rajasthan, Delhi, 1978

N. Puri
The History of the Gurgara-Pratiharas, Delhi, 1975

Rana Rani Sharma
Society and Culture in Rajasthan c. A.D. 700-900, Delhi, 1996

Bhatnagar
Life & Times of Sawai Jai Singh (also in Hindi)

N. Misra

D. Sankalia et al
Excavations at Ahar (Tambavati), 1961-62, Deccan College, Poona, 1969

Hooja
A History of Rajasthan, Rupa & Co., New Delhi, 2006


Nath Sharma
Rajasthan ka Itihas, Agra
Rajasthan ka Sarsudhik Itihas, Rajasthan Hindi Prastava Akademi, Jaipur
Rajasthan ke Itihas ke Voit, Rajasthan Hindi Prastava Akademi, Jaipur

Shannd Pachtak
Unter Bharat ka Rajnitiik Itihas, Loknayak, Jaipur

S. Jain
Aryanik Rajasthan ka Itihas, Jaipur

Sind Vyas
Aryanik Rajasthan ka Vrathan Itihas, Kapad 1, Kapad 1, Rajasthan Hindi Prastava Akademi, Jaipur

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Dy. Registrar (Acad.)
University of Rajasthan
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).

Syllabus: B.A. Part-I

B.A. Part-I Examination-2020

Prashan-Patraon Ko Ruperekha

Rajniti Vidhan ke Do Prashan-Patra Honege. Pratvek Prashan-Patra 3 Fungde Ko Avadhaka Hoga Lata Prashan-Patra Ko Avikram 100 Ang Honege.


Diptiyo Khand 20 Angkon Ka Hoga. Is Khand Mein 05 Angkon Ke 04 Anivairy Prashon Honege, Jijamen Se Pratvek Ka Uttar 150 Sabdon Mein Apeshit Hoga.


Prashan Patra Rajniti Vidhan Ke Mool Aadhar

Khand 'K'


Dy. Registrar (Academic-I)
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: Rajnitik 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
Syllabus : B.A. Part-I

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.

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
9. INDIAN MUSIC (Vocal)

B.A. Part-I Examination-2020

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>Max. Marks 40</td>
<td>Min. Marks 15</td>
</tr>
<tr>
<td>3 hrs. duration</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paper II</td>
<td>Max. Marks 40</td>
<td>Min. Marks 15</td>
</tr>
<tr>
<td>3 hrs. duration</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Practical</td>
<td>Max. Marks 120</td>
<td>Min. Marks 43</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


2. Critical study of all the Ragas, Identification and development of Raga through Alaps : Yaman, Bageshwari, Alhaiya Bilawal, Bhoopal, 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.
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: Jaideo, 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
(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 & swarnas when sung.
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, Jhaptal, Ektal, Chautal, Kaharva and Dadra.

4. To sing Aroh, Avroh, Pakad and Swar Vistar of the following ragas- Yaman, Bageshree, Bhoopali, Bheempalasi, Alhaiya 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 Dhrupad 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 - रस.पु.राय |
3. Vadya shastra - Shri Harish Chandra Srivastava,
5. Sangeet Visharad by Basant.
6. Comparative Study of the Music of the 15th 16th and 17th Centuries, By Pt. V.N. Bhatkhande (Sangeet Karyalaya, Hathras.)
8. Tan Malika, Pt. III (Uttararadha) by Raja Bhaiya Poonchhwale.
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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Jaipur
OR

INDIAN MUSIC (INSTRUMENTAL-SITAR)

B.A. Part-I Examination-2020

Scheme:

Number of Student – Max.-15 Min. – 04

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

Teaching Hours

Practical: 6 Hours Per Week

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

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

Note:

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 (Instrumental)

Section – A

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


Dy. Registrar (Academic-I)
University of Rajasthan
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 atleast 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)

Dy. Registrar (Academic-1)
University of Rajasthan
Jaipur
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, Jhaptal, Ektal, Chautal, Kaharva and Dadra.
4. To play Aroh, Avroh, Pakad and Swar Vistar of the following ragas- Yaman, Bageshree, Bhoopali, Bheempalasi, Alhaiya Bilawal, Hindol, Hameer, and Desh.
5. To play a vilambit Gat (विलम्बितगत) and Fastgat (दुर्गत) with sufficient varieties of Todas and Jhalas in the following Three ragas. (i) Yaman (ii) Bageshree (iii) Bheempalasi.
6. With the accompaniment of tabla to play a Fastgat (nzqxr ) 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.राय |
3. Vadya shastra - Shri Harish Chandra Srivastava,

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University of Rajasthan
Jaipur
5. Sangeet Visharad by Basant.
6. Comparative Study of the Music of the 15th 16th and 17th Centuries, By Pt. V.N. Bhatkhande (Sangeet Karyalaya, Hathras.)
8. Tan Malika, Pt. III (Uttararadha) by Raja 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
10. Public Administration

Scheme: Max. Marks Mini. Marks Time
Two Papers 200 72 3 Hours
Paper-I 100 36 3 Hours
Paper-II 100 36

Note: Each paper shall consist of two parts.

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

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

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Paper - I : Elements of Public Administration

Section A


Section B


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

Section C


Books Recommended:

2. C.P. Bharabhari : Public Administration.
5. Rumki Basu : Public Administration.
7. S.L. Goel, Public Administration - Theory & Practice.
10. Surendra Katariya, Lok Prashashan Ke Tatav.

[Signature]
Dy. Registrar (Acad.)
University of Rajasthan
JAIPUR
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 Agora & Rajni Goyal: Indian Public Administration.
4. Avasthi & Avasthi: Indian Administration.
6. श्री.एल. कुमार: भारत में लोक प्रशासन
7. पी.डी. शर्मा एवं श्री.एम. शर्मा: भारतीय प्रशासन
8. राजेन्द्र शर्मा: भारत में लोक प्रशासन
9. सुरेन्द्र कुमार: भारत में लोक प्रशासन
10. एच. आर. महेशवर: भारतीय प्रशासन
प्रश्न पत्र — 1 : लोक प्रशासन के तत्त्व

प्रथम खण्ड

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

द्वितीय खण्ड

संगठन — अर्थ, औपचारिक एवं अनौपचारिक संगठन, संगठन के सिद्धांत — पदार्पण, आदेश की एकता, नियंत्रण का क्षेत्र, समन्वय, केंद्रीयकरण, विकेन्द्रीकरण, सत्ता एवं उत्तरदायित्व।

Dy. Registrar (Acad.)
University of Rajasthan
JAIPUR
मुख्य कार्यपालिका, सूत्र एवं स्टॉफ अभिकरण, पर्यवेक्षण, प्रत्यायोजन, नेतृत्व, संचार, निर्णय--निर्माण, लोक सम्पर्क।

तृतीय खण्ड

बजट : अर्थ एवं प्रकार, बजट के सिद्धान्त, सामाजिक-आर्थिक नीति के साधन के रूप में बजट, कार्यक्रम प्रशासन : अर्थ, प्रकृति एवं मृत्ति, नौकरशाही की प्रकृति, लोक सेवा और विकासशील समाज में इसकी भूमिका, वर्गिकरण : लोक सेवकों की भूमि, प्रशिक्षण, पद्धतिकें, लोक प्रशासन में मनोबल एवं अभिवर्णन।

अनुसंधानित पुस्तकें -
1. ए.अंबेडकर, एस.आर. माहेश्वरी : पब्लिक एडमिनिस्ट्रेशन
2. सी.पी. भागवती : पब्लिक एडमिनिस्ट्रेशन
3. डी.आर. सचिनेवाल, एण्ड मीना सोणानी : पब्लिक एडमिनिस्ट्रेशन : कन्सेप्ट्स एण्ड एडमिनिस्ट्रेशन
4. मोहनदास मदनालियार : पब्लिक एडमिनिस्ट्रेशन
5. सुशील कुशील : पब्लिक एडमिनिस्ट्रेशन
6. एस.पी. शर्मा एण्ड बी.एल. सांड: पब्लिक एडमिनिस्ट्रेशन इन थ्योरी एण्ड प्रैक्टिस
7. एस.एल. गोयल : पब्लिक एडमिनिस्ट्रेशन - थ्योरी एण्ड प्रैक्टिस
8. जोशियार, सिंह एण्ड प्रदीप सचिनेवाल : एडमिनिस्ट्रेशन थ्योरी
9. रविन्द्र शर्मा : लोक प्रशासन के तत्त
10. सुरेंद्र कटारिया : लोक प्रशासन के तत्त

Dy. Registrar (Academic)
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JAIPEE
हितीय पृष्ठ - भारत में लोक प्रशासन

ताम्रभर

भारतीय प्रशासन की ऐतिहासिक पृष्ठभूमि - ब्रिटिश काल के प्रभाती के विषय इतिहास में, भारतीय प्रशासन की गुरुद्वारा विशेषता, तबियत कार्यालयविविभाग संख्यापति, प्रशासनपत्री एवं महात्मा, केंद्रीय सचिवालय, प्रशासनविभाग लोक प्रशासन के विषय इतिहास में केंद्रीय सचिवालय, प्रशासनविभाग लोक प्रशासन के विषय इतिहास में केंद्रीय सचिवालय, प्रशासनविभाग लोक प्रशासन के विषय इतिहास में केंद्रीय सचिवालय, प्रशासनविभाग लोक प्रशासन के विषय इतिहास में केंद्रीय सचिवालय, प्रशासनविभाग लोक प्रशासन के विषय इतिहास में केंद्रीय सचिवालय, प्रशासनविभाग लोक प्रशासन के विषय इतिहास में केंद्रीय सचिवालय, प्रशासनविभाग लोक प्रशासन के विषय इतिहास में केंद्रीय सचिवालय, प्रशासनविभाग लोक प्रशासन के विषय इतिहास में केंद्रीय सचिवालय, प्रशासनविभाग लोक प्रशासन के विषय इतिहास में केंद्रीय सचिवालय, प्रशासनविभाग लोक प्रशासन के विषय इतिहास में केंद्रीय सचिवालय, प्रशासनविभाग लोक प्रशासन के विषय इतिहास में केंद्रीय सचिवालय, प्रशासनविभाग लोक प्रशासन के विषय इतिहास में केंद्रीय सचिवालय, प्रशासनविभाग लोक प्रशासन के विषय इतिहास में केंद्रीय सचिवालय, प्रशासनविभाग लोक प्रशासन के विषय इतिहास में केंद्रीय सचिवालय, प्रशासनविभाग लोक प्रशासन के विषय इतिहास में केंद्रीय सचिवालय, प्रशासनविभाग लोक प्रशासन के विषय इतिहास में केंद्रीय सचिवालय, प्रशासनविभाग लोक प्रशासन के विषय इतिहास में केंद्रीय सचिवालय, प्रशासनविभाग लोक प्रशासन के विषय इतिहास में केंद्रीय सचिवालय, प्रशासनविभाग लोक प्रशासन के विषय इतिहास में केंद्रीय सचिवालय, प्रशासनविभाग लोक प्रशासन के विषय इतिहास में केंद्रीय सचिवालय, प्रशासनविभाग लोक प्रशासन के विषय इतिहास में केंद्रीय स
SCHEME:

Theory Paper I
Fundamentals of Arts
Practical Paper II
Part A- Study from object
Part B-Creative Design
Submission of Works

<table>
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<tr>
<th></th>
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<th>Maximum Marks</th>
<th>Min. Pass Marks</th>
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<td>90</td>
<td>32¹/₂</td>
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<tr>
<td>Paper II</td>
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<td>45</td>
<td>32¹/₂</td>
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<tr>
<td></td>
<td>3 hrs.</td>
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<td></td>
<td>3 hrs.</td>
<td>20</td>
<td>07</td>
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<tr>
<td>Total</td>
<td></td>
<td>200</td>
<td>72</td>
</tr>
</tbody>
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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
10. कला के नवीन स्वरूप - नरेन्द्र सिंह यादव, अजय यादव, राजस्थान हिंदी ग्रन्थ अकादमी, जयपुर, 2015

Paper – II Practical

Part-A

Study from Objects

Medium water colour

size ¾ Imp.

3 hrs. duration

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

Part-B

Creative design

Medium any medium

size ¾ Imp.

3 hrs. duration

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

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

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

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

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

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

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

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Jaipur
Syllabus: B.A. Part-I

B.A. Part-I Examination-2020

Scheme:
Max. Marks 200

Paper-I
100 3 hrs. duration

Paper-II
100 3 hrs. duration

Note:

Scheme:
Max. Marks 200

Paper-I
100 3 hrs. duration

Paper-II
100 3 hrs. duration

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 works. 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

Max Marks: 100

Unit 1: Understanding Sociology

- Sociology and other Social Sciences.
- Scientific and Humanistic Perspectives.

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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. सिंहा, नरेन्द्र कुमार एवं गोस्वामी, वसुधाकर, 2007, समाजशास्त्र विद्वेशन, जयपुर : राजस्थान हिंदी ग्रंथ अकादमी
2. आहुजा, राम एवं आहुजा, मुकेश, 2008, समाजशास्त्र विद्वेशन एवं परिखेद, जयपुर : रावत पब्लिकेशन्स
3. दीपक, एस. एल. एवं जैन धी. सी., 2006, समाजशास्त्र नई दिशाएँ, जयपुर : रावत पब्लिकेशन्स
4. सिंह, जे. पी., 2008, समाजशास्त्र : अवधारणाएँ एवं सिद्धांत, नई दिल्ली : मेंटिस हाल ऑफ इंडिया प्राइवेट लिमिटेड
5. सिंह, जे. पी., 2008, आधुनिक भारत में सामाजिक परिवर्तन, नई दिल्ली : मेंटिस हाल ऑफ इंडिया प्राइवेट लिमिटेड
6. मैकाहर, आर. एस. एवं पेज चाल्लर एच. 1992 : समाज (एक परिघातत विद्वेशन), आगरा : रतन प्रकाशन मंदिर (अनुवादक जी. विश्वेश्वरार्य एवं रामपाल सिंह गौड़)

Dy. Registrar (Academic-I)
University of Rajasthan
Jaipur
Paper II: Society in India

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. Mukerji

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. आहूजा, राम, 2009, भारतीय सामाजिक व्यवस्था, जयपुर: रावत पब्लिकेशन्स
2. दोषी, एस. एल, 2009, भारतीय सामाजिक विचार, जयपुर: रावत पब्लिकेशन्स
3. राम, के. पूल, 2008, भारतीय सामाजिक संरचना एवं परिवार, जयपुर: रावत पब्लिकेशन्स
4. दोषी, एस. एल. एवं जेन पी. सी., 2002, भारतीय समाज, जयपुर: नेशनल पब्लिशिंग हाउस
5. पटेल, हप्ती, 2011, माता में परिवार: संरचना एवं व्यवहार, जयपुर: रावत पब्लिकेशन्स
6. जेन, शोभिता, 2006, भारत में परिवार, विवाह और नातेदारी, जयपुर: रावत पब्लिकेशन्स
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 new born, 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.

<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>
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Jaipur
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:
UNIT-I
Housing

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<th>Hours</th>
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1. Function & family need of housing

2. Principles of house planning: aspect, prospect, grouping of room, roominess, privacy, orientation, circulation, flexibility, spaciousness, aesthetics economy, ventilation services

3. Site selection:
   - Vegetation:
     i. size
     ii. soil types drainage
     iii. contour (shape)
     iv. orientation

4. Elements and principles of arts and design as related to interior decoration with specific reference to color and light

5. Floor decoration with use of elementary art
6. Table setting & etiquettes

UNIT II
Interior designing

7. Room arrangement and decoration - arrangement of furniture, furnishings and accessories in various rooms.
8. Kitchen planning, importance of counters, storage, principles, working heights.
9. Selection and care of household equipment (without reference to any specific equipment)
10. Household waste & its management by 3R
11. Flower decoration
   - Basic equipments
   - Vases and containers
   - Preparing plant material
   - Shaping an arrangement
12. Furniture
   - Types of furniture
   - Selection use & care
   - Arrangement of furniture in various rooms
13. Consumer problems, rights & responsibilities
14. Seeking redressal to consumer problems with special reference to consumer courts

UNIT-III
Resource Management

15. Meaning, definition and importance of home management
16. Process of management:
   - planning,
   - Organization,
   - Implementation,
   - controlling and evaluation
17. Introduction to motivational factor (meaning and types)
   - Values
   - Goals
   - Standards
   - Decision Making
   - Resources
18. Time management:
   - Tools in time management
     i. Time cost
     ii. Time norms
     iii. Peak loads
     iv. Work curve and rest periods
   - Process of managing time
19. Energy Management:
   - Process of energy management

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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:
   submitted in requirement for the degree of education in Teacher college Columbia
   university
4. David H, Bangs Jr. The market planning guides. Gougoteria Publishing. 3rd Ed
   Chicago.
7. Fisher CD (1997). Human resource management Chennai: All Indian publishers and
   distributors.
   New Delhi.
   Comp. Ltd. New York.
10. Gross I & Crandall E (1963), Management for Modern families, Appleton Counter
    families. Macmillan.
    New York. 2nd Ed.
    Indian, New Delhi. 5th Ed.
    Co. New York. 7th Ed.
    Delhi.

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

**FAMILY RESOURCE MANAGEMENT (PRACTICAL I)**

<table>
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<th>Maximum marks: 50</th>
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<td>Teaching workload: 1 practical/ week (2 hours/ practical)</td>
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<td>Total teaching workload: 24 practical/ batch</td>
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**Objectives:**

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

**Contents:**

<table>
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<tr>
<th></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>
</tr>
<tr>
<td>- iii. Withdrawal slip</td>
<td></td>
</tr>
<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>1</td>
</tr>
<tr>
<td>4. Table setting</td>
<td>1</td>
</tr>
<tr>
<td>5. Best out of waste (one article)</td>
<td></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>3</td>
</tr>
</tbody>
</table>

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Jaipur
v. Pooja Room
- Kitchen planning (making any one paper model)
  i. One wall
  ii. Two wall
  iii. L shape
  iv. U shape

Examination scheme:

Total Marks: 50 marks
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.

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

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Jaipur
# Syllabus: B.A. Part-I

## Unit I

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

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**FOODS AND NUTRITION (PRACTICAL II)**

<table>
<thead>
<tr>
<th>Maximum marks: 50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum marks: 18</td>
</tr>
<tr>
<td>Teaching workload: 1 practicals/week (2 hours/practical)</td>
</tr>
<tr>
<td>Total teaching workload: 24 practicals/batch</td>
</tr>
</tbody>
</table>

**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></td>
</tr>
<tr>
<td>- Cereal cookery – Chapaati, 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 khatta</td>
<td></td>
</tr>
<tr>
<td>- Legumes &amp; pulses - daal (plain &amp; daal fry), rajma, chhole, dal makhani, kadhi mangodi, dahivada, dal pakodi, besan pakodi, sprout chaat, dal halwa. Dhokla, muthia, Kadhi</td>
<td></td>
</tr>
<tr>
<td>- Vegetables – Dry Vegetables (for e.g. aalu gobhi, 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></td>
</tr>
<tr>
<td>- Milk &amp; Milk products – Panceer, khoa, curd, shrikhand, tieneer, rabri, fruit custard, raita, fruit cream, Kheer, Custard, Stews- apple &amp; pear</td>
<td></td>
</tr>
<tr>
<td>- Savory food preparation- dosa, uttapam, mixed veg cutlets, hara bhara kabadab, burger, samosa, kofta, kachori, vada, pav bhaji, sago khichri, bhel puri</td>
<td></td>
</tr>
</tbody>
</table>

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- Sweets- jalebi, sandesh, laddu, coconut barfi, gujiya 2

**Meal planning for**
- Exchange Lists 1
- Adult man/woman
- Pregnant Woman 15
- Lactating Woman
- Packed lunch for school going child
- Elderly

**Examination scheme:**

<table>
<thead>
<tr>
<th>Total Marks: 50 marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. <strong>Major problem</strong> - Meal Planning and preparation of one dish for any one of the following</td>
</tr>
<tr>
<td>2. <strong>Minor Problem</strong> – Preparation of one dish from</td>
</tr>
<tr>
<td>3. <strong>Internal</strong> –</td>
</tr>
</tbody>
</table>

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

- 1. Any one method of cooking 10 marks
- 2. Any one food group (cereals, vegetable, milk etc.)

- 20 marks

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Dy. Registrar (Academic-I)  
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Jaipur
TEXTILE CRAFT
B.A. Part-I Examination-2020

Scheme: B.A/B.COM PART-I

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

(Theory): Introduction to Textile Craft

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

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

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

(PRACTICAL):

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

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Jaipur
(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) Chilkankari 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

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 on 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>B.A./B.COM:-Max Marks:-80</th>
<th>B.Sc:-Max Marks:-50</th>
</tr>
</thead>
</table>

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Jaipur
16. INVESTIGATIVE BIO-TECHNOLOGY

Paper I: Bio-Chemistry and General Bacteriology
Max. Marks 60  3 hrs. duration  Min. Pass Marks 22
Teaching Periods 60

Section - A: Bio-Chemistry (Teaching Period 30)

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

Section-B General Bacteriology (Teaching Period 30)

1. Microbial World.
2. Structure of bacterial cell; functions of cell organelles.
3. Sterilization and disinfection.

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4. Culture media.
5. Cultivation of Bacteria.
6. Identification methods in bacteriology.

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

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

1. Introduction to human body.
2. Important land marks in surface anatomy for L.M. and I.V. injection in adults, children and infants
3. Muscuclo- 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  (52x3 periods)  Min. Pass Marks 28

Unit-I : Bio-Chemistry
1. Glassware used in Bio-chemistry.
2. Cleaning of Glassware, weighing and measuring volumes.
3. Making and testing of distilled water.
4. Importance of calibration of glass apparatus used in estimation.
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 bacteria mount and hanging drop preparation and dark field examination.

3. Preparation of smears for bacterial examination and Gram’s Stain.

4. Preparation of various stains.

5. Staining of Smears-Sputum C.S.F. Body fluids, pus, 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

## B.A. Part-I Examination-2020

### 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>
</tbody>
</table>

### Duration

- **Paper - I** Discrete Mathematics 3 hrs.
- **Paper - II** Calculus 3 hrs.
- **Paper - III** Analytic Geometry and Optimization Theory 3 hrs.
- **Practical** Optimization Techniques 2 hrs.

### Max. Marks

- **Paper - I** Discrete Mathematics: 40 (Science) 53 (Arts)
- **Paper - II** Calculus: 40 (Science) 53 (Arts)
- **Paper - III** Analytic Geometry and Optimization Theory: 40 (Science) 54 (Arts)
- **Practical** Optimization Techniques: 30 (Science) 40 (Arts)

### Note:

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

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

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

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

## Paper - I: Discrete Mathematics

### Teaching:
- 3 Hours per Week

### Duration of Examination:
- 3 Hours

### 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.

---

Dy. Registrar (Academic-I)
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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

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.

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.


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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>
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<tbody>
<tr>
<td>Max.Marks</td>
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<td>40</td>
</tr>
<tr>
<td>Min.Pass Marks</td>
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<td>15</td>
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</tbody>
</table>

Distribution of Marks:

Two Practicals one from each group

<table>
<thead>
<tr>
<th>Practical Record</th>
<th>05 Marks</th>
<th>07</th>
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</thead>
<tbody>
<tr>
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<td>05 Marks</td>
<td></td>
</tr>
<tr>
<td>Total Marks</td>
<td>30 Marks</td>
<td>40</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: \( ax, \frac{\sqrt{ax} + b}{|ax+b|}, c+|ax+b|, x^n, x^{1/n} (n \in \mathbb{Z}), \ e^{ax+b}, \ \log(ax+b), \ \sin(ax+b), \ \cos(ax+b), \ |\sin(ax+b)|, \ |\cos(ax+b)|. \) 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.

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Jaipur
18. ECONOMICS

B.A. Part-I Examination-2020

Scheme: Min. Pass Marks Max. Marks
Arts 72 200
Science 54 150

Paper-I 3 hours duration Micro Economic Theory

Paper-II 3 hours duration Indian Economy

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


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Jaipur
Syllabus: B.A. Part-I

Books Recommended:
6. लक्ष्मीनारायण नास्तुमकायच्छे अर्थशास्त्र, रमेश दुबे, जयपुर.

Reference Books:

Paper – II Indian Economy

Section-A

Section-B
Foreign Trade: Size, Composition and Direction; Recent trends, Foreign Trade Policy.

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.)

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Jaipur.
19. **Geography**

**BA/BSc Part I**

**Scheme of Examination**

<table>
<thead>
<tr>
<th>Subject</th>
<th>Min Pass Marks</th>
<th>May Marks</th>
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</thead>
<tbody>
<tr>
<td>Faculty</td>
<td>72</td>
<td>200</td>
</tr>
<tr>
<td>Arts/Social Science</td>
<td>34</td>
<td>150</td>
</tr>
<tr>
<td>Science</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paper I</td>
<td>Physical Geography</td>
<td></td>
</tr>
<tr>
<td>Paper II</td>
<td>Geography of Rajasthan</td>
<td></td>
</tr>
<tr>
<td>Practical</td>
<td>18</td>
<td>0</td>
</tr>
</tbody>
</table>

**Notes**

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

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

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

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

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

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

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

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

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

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: K€{o}per, Jeffreys, Daly, Joly and Holmes and plate tectonics; denudation, cycle of erosion; views of F.M. Davis and W. Penck, erosional and depositional topographies: river, under groundwater, glacier, wind and oceanic waves.

Section B

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

Section C

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

Recommended Readings:

Jayant, Shri, 2004, भौतिक भूगोल (ज्योतिषिक भूगोल), 2nd, रसोई, दिल्ली.
Kanya, A.K., 2012, भौतिक भूगोल, रसोई, दिल्ली.


Nair, V. 2008: भौतिक भूगोल, ययुद्र, पटना.

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Section A

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

Section B

Mineral resources: distribution and production; Power and energy resources: distribution and production (hydro-electricity, coal, petroleum, solar energy and bio-energy) irrigation sources, irrigation intensity, crop wise irrigation, quality of irrigation water problems. Irrigation projects: detailed study of Indira Gandhi Canal project, Chambal valley project, Mahi Bajaj Sagar projects on physical and socio-economic aspects, agriculture: development under five year plans, problems of agriculture development, general land use, livestock and dairy development, minerals. Industries: textile, sugar, cement, marble and granite, fertilizer, zinc and copper smelting. Transport & trade, development of tourism, desert development programme, tribal areas development programme, 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, scheduled castes and scheduled tribes: population problems, study of hill, coastal and gangetic Settlement pattern: types of settlements, building materials and house types in Rajasthan with examples, factors affecting settlement.

Recommended Readings:

Ghosh, R. & Maheshwari, D. 2001: Geography of Rajasthan. Shahjina Bhawan Publication, 
Gopal Road, Agra. 


Pandey, A. 2012: राजस्थान की अर्थव्यवस्था। वैज्ञानिक बूढ़े हाथ में, जयपुर। 


Practicals

Scheme of Examination

Min. Pass Marks: 18

<table>
<thead>
<tr>
<th>Written test</th>
<th>Bifurcation of Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field Survey and Viva voce</td>
<td>24</td>
</tr>
<tr>
<td>Record and Viva voce</td>
<td>10+04</td>
</tr>
<tr>
<td></td>
<td>03+04</td>
</tr>
</tbody>
</table>

Max. Marks: 50

Time

1 hrs.

2½ hrs.

N.B. 1. There shall be 6 questions in written paper selecting at least two questions from each section. Candidates are required to attempt 3 questions selecting 1 question from each section. All 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 scales: simple, comparative, diagonal.
Graph: line graph, bar graph, combined line and bar graph, histogram and climage graph; climograph, water budget graph, wind rose.
Weather maps: weather symbols, representation of atmospheric features, interpretation of Indian daily weather maps (July and January), weather instruments.

Section B

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

Section C

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

Recommended Readings:

1. सैष्ठ, 2008: प्राथमिक भूगोल। विश्वविद्यालय प्रकाशन, गोरखपुर।
### STATISTICS

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

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

**Paper- I Probability Theory**


Syllabus B.A. Part-I

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

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

References

Additional References

Paper II: Descriptive Statistics

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

Graphical presentation of data- Histogram, frequency polygon, fre-
quency curve and ogives.

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

18 hours

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

18 hours

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

18 hours


18 hours

References


Additional References

Syllabus B.A. Part II


Paper III. Practical Paper:

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

[Signature]
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(Academic)
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JAIPUR
# Applied Statistics

<table>
<thead>
<tr>
<th>Scheme</th>
<th>No. of hrs.</th>
<th>Max Marks</th>
<th>Min. Pass Marks</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>per week</td>
<td>Sc.</td>
<td>Arts</td>
</tr>
<tr>
<td>Paper-1</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>
<td>50</td>
<td>70</td>
</tr>
<tr>
<td>Total</td>
<td>10 hrs.</td>
<td>150</td>
<td>200</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, Poly-

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**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**


**18 hours**


**18 hours**


**18 hours**

**References:**


Additional References:

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

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

PSYCHOLOGY

B.A. Part-I Examination-2020

SCHEME OF EXAMINATION:

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

<table>
<thead>
<tr>
<th>Paper</th>
<th>Nomenclature</th>
<th>Duration</th>
<th>Max. Marks</th>
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<tbody>
<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:-

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

Dy. Registrar (Academic-I)
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Jaipur
### SCIENCE

<table>
<thead>
<tr>
<th>Section</th>
<th>No. of Questions</th>
<th>Marks</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>10</td>
<td>01</td>
<td>10</td>
</tr>
<tr>
<td>B</td>
<td>5 (Out of 7)</td>
<td>02</td>
<td>1</td>
</tr>
<tr>
<td>C</td>
<td>3 (With internal choice)</td>
<td>10</td>
<td>45</td>
</tr>
<tr>
<td></td>
<td>Total Marks</td>
<td></td>
<td>75</td>
</tr>
</tbody>
</table>

**Syllabus: B.A. Part-I**

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), आचार्यज्ञानसाधारण, नई दिल्ली : मोंटीलालबनारसीदस्सास

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), समाजसाधारणकीरुपरेखा, मोंटीलालबनारसीदस्सास, दिल्ली

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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  पूर्णाक
न्यूजमान उत्तीष्टिता : 72
प्रथम प्रश्न-पत्र : 3 घंटे
द्वितीय प्रश्न-पत्र : 3 घंटे
प्रथम प्रश्न-पत्र-अंक विभाजन
1. प्रथम प्रश्न-पत्र में पांच प्रश्न होंगे। कुल 100 अंकों का प्रश्न होगा।
2. प्रत्येक पाठ्यपुस्तक से कम से कम एक-एक व्याख्या करनी होगी। (3×12=36)
3. दोनों पुस्तकों में प्रत्येक से एक-एक आलोचनात्मक प्रश्न होगा। कुल तीन प्रश्न। (3×15=45)
4. अंतिम प्रश्न निम्नलिखित तीन भागों में विभक्त होगा—
   (क) राजस्थानी भाषा में अनुवाद—7 अंक
(ख) हिंदी से उपस्थिती भाषा में अनुवाद — 7 अंक
(ग) राजस्थानी संस्कृति—अर्थ एवं प्रयोग — 5 अंक

पाठ्य पुस्तकें:
1. राजस्थानी कहानियाँ—सम्पा. रावत सारस्वत, प्रेम जी प्रेम : प्रकाशक साहित्य अकादमी, राजस्थान, जयपुर। इस पुस्तक में से निम्नलिखित क्रम संख्या वाली: 14 कहानियाँ 1, 9, 10, 12, 13, 14, 15, 16, 18, 20, 22, 23 तथा 28।
2. जयपुर की ज्योतिषा, लेख. पदमप्रोजोहन सिद्ध (खण्ड एक से तीन) : प्रकाशक श्री सिद्ध हिंदी प्रचारक कार्यालय जयपुर।

संस्कृत ग्रंथ:
1. आधुनिक राजस्थानी साहित्य : प्रेरणा श्रेय हेतु और प्रवृत्तियाँ; लेखक डॉ. किरण नाइटा प्रकाशक बनियां प्रकाशन, चौंढ़ा राष्ट्र, जयपुर।
2. राजस्थानी गद्दी साहित्य : उद्भव और विकास; लेखक डॉ. शिवाजी अर्ण, प्रकाशक : शाहुर साहित्य शाखा इंस्टीट्यूट, नीलकंठा।
3. राजस्थानी गद्दी जैली का विकास; डॉ. रामदेव गलवा, प्रकाशक देवनाम प्रकाशन, जयपुर।

राजस्थानी द्वितीय प्रश्न-पत्र राजस्थानी काव्य अंक विभाजन — इस प्रश्न-पत्र में पाँच प्रश्न होगे।
1. प्रत्येक पुस्तक से एक-एक व्याख्या। कुल तीन व्याख्याएँ। (3×12=36)
2. प्रत्येक पुस्तक से एक-एक आलोचनात्मक प्रश्न। (कुल तीन प्रश्न)
3. अलंकार; वैश्वनाथ सागर, सुप्रस्तुति, रूपक, उद्भवशाल्य यमक, रेली।
4. छाँद; दूरां, सोली, छप्पप, देलियो। (18+18+16=52)

संस्कृत ग्रंथ:
1. प्राचीन काल्प्ण की रूपक परम्परा-सम्पादक अमर चंद नाइटा, प्रकाशक भारतीय विद्या पंडित शोध प्रतिष्ठान, नीलकंठा।
2. अलंकार परिभाषातः—नारोपःदर्श स्त्रीली।
3. रुहुमाल रूपक गीता रो—महाबलवंद खारेल, प्रकाश नागरी प्रकाशकीय सभा वाराणसी।
4. राजस्थानी साहित्य—एक परिलक्ष प्रकाशक नक्सुल ग्रंथ कुंटीर, नीलकंठा।

[Signature]
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24. SHEEP AND WOOL

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

Scheme:

Min. Pass Marks 48

Max. Marks 132

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JAIPUR
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. Apparent 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, sheeprcare (different stages), housing, feeding etc.

Paper-II: Elementary Sheep Production

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

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

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

Health Management: Drenching, dipping, vaccination, spraying, mouth wash, foot bath, segregation, 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:

- Paper-I: 3 hrs. duration
- Paper-II: 3 hrs. duration
- Min. Pass Marks: 24
- Max. Pass Marks: 68

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. Apparent classification of the world sheep. Important breeds of Indian sheep particularly of Rajasthan.

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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 Marks: 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 stern of housing paddock and sheep. Yards, housing of different categories of sheep.

5. Farm equipments viz. feeding and watering thoughts shearing machines, weighting machines, hoof-pareara, castrating equipment drenching and dosing equipments, branding and tagging equipments etc.


7. Lambing practices and rearing of young ones: Care and management of ewes at lambs and growing stock. Use of foot-bath and mouthwash.

8. Wool Science: Physical Properties of wool including microscopic study comparing it with hair and artificial-fibers, Primary grading of wool; Microscopic study of fibers.
25. LIVESTOCK AND DAIRYING

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

Scheme:

Min. Pass Marks 48

Paper I: 3 hrs. duration

Max. Marks 132

Marks 66

Paper II: 3 hrs. duration

Marks 66

Practical

Min. Pass. Marks 24 4 hrs. duration

Marks 68


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, Beetal, Marwari.
Sheep—Sonodi, Chokia, Bikaneri, Marino, Rambouillet Camel.
Rid Dmcru.
Popultry—Phode Island Red, White, Leg Horn, Wyite Roe.
5. Housing of Livestock, location, site sign construction. Arrangement / Groupings of different buildings.
6. General care of the animals grooming exercise bathing observation of oestrus, service care during pregnancy and at parturition, drying off.
7. Care of newly born calf. Marking, dooming, castration.
8. Important points for the management of bulls, goat, sheep and poultry.
9. Livestock farm equipment, sanitarp requirements, disposal of animal waste.
11. Maintenance of farm records.

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

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

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Paper-1

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 atleast 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 corner stone of human society. Form and
Types of family. Joint family system in India. Changes in the institution of family.
Marriage: Definition and function in society. Forms and types of marriage. Bridewealth
and Dowry. Marriage regulation in India.

Unit – III
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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Syllabus: B.A. Part-I


Paper- II Anthropology of Cultural Regions in Rajasthan

UNIT-I

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

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

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

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27. DRAMATICS

B.A. Part-I Examination-2020

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

Syllabus : B.A. Part-I
Min. Pass Marks - 18

Min. Pass Marks - 18
part " 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 secure 36% mark separately in theory and practical to pass the examination.

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

**PAPER I**

**HISTORY OF PHYSICAL EDUCATION**

**Time 3 hours**

**Maximum Marks : 60**

**Minimum Pass Marks : 22**

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

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

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

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

**Unit-V**
1. Contribution of the growth of Physical Education by leaders & Movements.
2. National Physical Efficiency Drive.
3. All India council of sports.
5. Contribution in India, G.D. Sondhi; Rajkumari Amrit Kaur; B.P.De Coubertin, Dr. P.M. Joseph; Shri H.C. Bock; 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. Sairik Shiksha Swasthya evam Khelo ki Adhunik Pathypustak B A. Part II va III : Kalyani Publications Ludhiana

\[ \text{(Dy. Registrar)} \\
\text{(Academic)} \\
\text{University of Rajasthan} \]
Paper II
FOUNDATIONS OF PHYSICAL EDUCATION

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

Time: 3 hours

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

Unit-II
Psychological Foundations:
1. Meaning of psychology, Importance of Psychology for Teacher.
2. Importance and implications of psychological elements in physical education
3. Notions about mind and body and psycho-physical unity
5. Psychological factors affecting 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:
2. Williams, Jesus Fering: The Principle of Physical Education. Philadelphia: W.B. Saunders Company 1964
5. Ajmer Singh et al. Sarthak shiksha swasthya evam khelo ki Adhunik Pathyapurkstak B.A I: Kalyani Publication, Ludhiana
7. Sardar A. Sarthak Shiksha Sullat, M单元, मूया ता. स्वातंत्र्य पुस्तकांक, मोंगल व ताता. Sivansh Publications, Mumbai
Theoretical examination shall be conducted by a panel of two examiners to be appointed by the University.

A candidate shall be required to show his/her familiarity (Rules & Techniques) and to give his performance in the following:

1. Four period for theory
   (i) 1st Paper   (ii) 2nd Paper

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

(This shall carry 80 marks)
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, from and space - their interrelationship.

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

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

5. History of Indian handicrafts.

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

Paper II (Practical)

5 hrs. duration  Max. Marks 80  Min Pass Marks 28

1. Tie and dye (bandhej)
2. Soft toys
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). However, the external examiner shall be empowered to review the work of submission in case there is a drastic difference between the marks of the examination and submission.

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

Books recommended

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

30 COMPUTER APPLICATION

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<tr>
<th>Scheme</th>
<th>Min. Pass Marks</th>
<th>Max. Marks</th>
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<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>
</tbody>
</table>

Paper-I 3 hours duration

- Computer Fundamentals
- Arts/Com. 65
- Science 50

and Introduction to

IBM PC

Paper-II 3 hours duration

- Operating Systems
- Arts/Com. 65
- Science 50

and Business Data Processing

Paper-III Practical

- Arts/Com. 70
- Science 50

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 personal computers, Commodore, Atari, Apple, IBM, PC. Basic block diagram of computer. Difference between personal and mainframes. Simple operating system, Easy to use, Less Memory, Dedicated, Normally single user.

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Syllabus B.A. Part-I

Introduction to microprocessors and associated computers. Timedisplay 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.