



**PANDIT DEENDAYAL UPADHYAYA SHEKHAWATI
UNIVERSITY, SIKAR**

SYLLABUS

B.A. Part I

SESSION 2022-23

EXAMINATION-2023

21-

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Sikar (Rajasthan)**



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UNIVERSITY, SIKAR**

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N.B: 1. Candidate must pass separately in each of the test/theory and Practical (wherever Prescribed		
2. Common papers in the subjects of Statistics, Mathematics, Economics, Geography and Psychology will be set both in the Faculties of Social Science and Science. The allocation of marks will however be different as mentioned in the booklet of syllabus.		

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बी.ए. प्रथम वर्ष
सामान्य हिन्दी

पूर्णांक: 100

न्यूनतम उत्तीर्णक: 36

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

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

50 अंक

- | | |
|--|---------|
| क. दो व्याख्या पद्य से (प्रत्येक में विकल्प देना है) | 5x2=10 |
| ख. दो व्याख्या गद्य से (प्रत्येक में विकल्प देना है) | 5x2=10 |
| ग. आलोचनात्मक प्रश्न पद्य से (प्रत्येक में विकल्प देना है) | 7½x2=15 |
| ग. आलोचनात्मक प्रश्न गद्य से (प्रत्येक में विकल्प देना है) | 7½x2=15 |

साहित्य खण्ड - 'क' गद्य+पद्य की निर्धारित रचनाएँ
गद्य भाग-

- | | |
|----------------|-----------------------------------|
| 1. कहानी - | नशा - प्रेमचन्द |
| 2. रेखाचित्र - | महादेवी वर्मा-घीसा |
| 3. निबंध - | सरदार पूर्ण सिंह-आचरण की सभ्यता |
| 4. व्यंग्य- | शरद जोशी-मेघदूत की पुस्तक समीक्षा |
| 5. पर्यावरण- | अनुपम मिश्र -आज भी खरे हैं तालाब |

पद्य भाग:-

- | | |
|---|--|
| 1. कबीर- | कबीर ग्रंथावली से सं. -गुरुदेव को अंग -2,12,26,30
सुमिरन को अंग- 10,17,24,26
विरह को अंग - 2,6,10,18 |
| 2. तुलसीदास - | विनय पत्रिका, गीता प्रेस, गोरखपुर पद सं.
पद सं. -87,88,105,111,162 |
| 3. रहीम (दस दोहे)- | रहीम ग्रंथावली, संपादक विद्यानिवास मिश्र, गोविन्द
रजनीश
38,49,87,126,187,212,218,220,222 एवं 224 |
| 4. मैथिलीशरण गुप्त-
से) | मनुष्यता, हम राज्य के लिए मरते हैं (गीत, साकेत के नवम सर्ग) |
| 5. सुमित्रानन्दन पंत- | नौका विहार |
| 6. सूर्यकान्त त्रिपाठी 'निराला' वह तोड़ती पत्थर | |

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पंडित दीनदयाल उपाध्याय शेखावाटी
विश्वविद्यालय, सीकर (राज.)

7. सच्चिदानंद हीरानंद वात्स्यायन 'अज्ञेय' – हिरोशिमा
8. रामधारी सिंह दिनकर– विपथगा, समर शेष है

खण्ड– ख

व्याकरण/व्यावहारिक हिन्दी खण्ड

50 अंक

- | | | |
|---------------------------------|--|-------|
| 1. निबंध लेखन | –शब्द सीमा 300 शब्द | 8 अंक |
| 2. कार्यालयी लेखन | –शासकीय–अर्द्धशासकीय पत्र,कार्यालय ज्ञापन , विज्ञप्ति एवं कार्यालय आदेश, अधिसूचना,पृष्ठांकन 4X2= | 8 अंक |
| 3. संक्षेपण | – | 4 अंक |
| 4. पल्लवन | – | 5 अंक |
| 5. शब्द निर्माण प्रविधि | –उपसर्ग, प्रत्यय, संधि एवं समास | 5 अंक |
| 6. शब्द शुद्धि एवं वाक्य शुद्धि | – | 5 अंक |
| 7. मुहावरे एवं लोकोक्ति | – | 5 अंक |
| 8. पारिभाषिक शब्दावली – | | 5 अंक |
| 9. शब्द के प्रकार | –संज्ञा, सर्वनाम, विशेषण, क्रिया एवं क्रिया विशेषण | 5 अंक |

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पंडित दीनदयाल उपाध्याय श्रेयावाटी
विश्वविद्यालय, सीकर (राज.)



PANDIT DEENDAYAL UPADHYAYA SHEKHAWATI UNIVERSITY, SIKAR

B.A. Part -I

GENERAL ENGLISH

Duration: 3 hrs.

Max. Marks: 100

Minimum Pass Marks: 36

The syllabus aims at achieving the following objectives:-

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

The Pattern of the Question Paper will be as follows:

Unit A: Phonetics and Translation	(20 Marks)	(10 periods)
I Phonetic Symbols and Transcription of Words		(05)
III Translation of 05 Simple sentences from Hindi to English		(05)
from English to Hindi		(05)
IV Translation of 05 Words from Hindi to English		(2 1/2)
from English to Hindi		(2 1/2)
 Unit B: Grammar and Usage	 (25 Marks)	 (10 Periods)
I Elements of a sentences		(05)
II Transformation of Sentences		(05)
a. Direct and Indirect Narration		
b. Active and passive Voice		


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

Unit C: Comprehension

(25 Marks)

Following Essays and Stories in Essential Languages Skill revised edition compiled by Macmillan for Pandit Deendayal Upadhyaya Shekhawati University Sikar, Rajasthan General English B.Com.

Candidates will be required to answer 5 Questions out of ten questions from the prescribed texts. Each question will be of two (2) marks. (10)

Sujata Bhatt	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 Candidate will be required to answer 5 questions from an unseen passage. (10 Marks)

One Vocabulary question of 10 words from the given passage. (5 Marks)

Unit D: Compositional Skills

(30 Marks) (15 periods)

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

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B.A. PART –I

COMPULSORY PAPER OF ENVIRONMENTAL STUDIES

Scheme of examination

Duration: 3 hrs.

Min Marks: 36

Max. Marks: 100

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

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

Note:

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

Unit I: The Multidisciplinary nature of environmental studies

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

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

Unit.2: Natural Resources and Challenges

- a. Natural resources and associated problems, Classification of resources: renewable resources, non renewable resources, classes of earth resources, 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 problem.
- 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.

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- f. Energy resources: Growing energy need, renewable and nonrenewable energy sources, use of alternate energy source. Case studies.
- g. Land resources: Land as a resource, Land degradation man induced Landslides, soil erosion and desertification.
 - Role of an individual in conservation of natural resources.
 - Equitable use of resources for sustainable lifestyles.

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

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

Unit 4: Biodiversity and its conservation

- Introduction-Definition, genetic, species and ecosystem diversity
- Biogeographically classification of India
- Value of biodiversity : Consumptive use, productive use, social ethical, aesthetic and option values
- Biodiversity at global, National and local level
- Indian 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 measure 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

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B.A. Part-I

Elementary Computer Application

Duration: 2 hrs.

Maximum Marks - 100

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

Unit -II

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

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


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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 and margins of worksheets for printing. Format the data in the worksheet globally or selectively creating charts. Enhance worksheets using charts, multiple worksheets-concepts

Unit - IV

The Internet - History and Functions of the Internet, Working with Internet, Web Browsers, World Wide Web, Uniform Resource Locator and Domain Names, Uses of Internet, Search for Information, Email Chatting, Instant messenger services, News, Group, Teleconferencing. Video Conferencing, E-Commerce and M-Commerce, Manage an E-mail Account, E-mail Address configure E-mail Account log to an E-mail, Receive E-mail, Sending mails, sending files an attachments and Address Book, Downloading Files, online form filling, E-Services E-Banking and E-Learning.

Unit - V

Social, Ethical and Legal Matters - Effects on the way we Work Socialise, Operate in other areas, Cyber crime, Prevention of crime, Cyber law Indian IT Act, Intellectual property, Software piracy, Copyright and Patent, Software licensing, Proprietary software, Free and Open source software.

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**Practical****Max Marks: 40**

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**
 1. Operating system o MS Word
 2. MS Excel
 3. MS Power Point
 4. Internet
- Viva-voce **10 marks**

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English Literature

B.A. Part- I

2022-23

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The syllabus aims to achieve the following objectives

- To develop knowledge and understanding of various genres and forms of literature
- To Introduce the primary texts, authors, and movements
- To develop the aptitude for literature appreciation
- It serves as the historical framework for the study of literature.

Paper- I: Poetry and Drama

Duration: 3 hrs

Maximum Marks: 100

Minimum Marks: 36

Question No. 1 and 2 are compulsory.

Question No. 1: Reference to Context from Units A, B & C will be compulsory.

The students will be required to explain four (4) passages of Reference to Context out of eight (8) of five marks each. 20 Marks

Question No. 2 will also be compulsory. The students will be required to attempt five (5) short answer type questions out of ten (10). Each question will carry four (4) marks. 20 Marks

The other three questions will be Essay-type questions with internal choice. The students have to select at least one from each Section. 60 Marks

Knowledge of Literary Terms, Poetry Appreciation and Use of Drama is required.

Section- I

Unit-A

Edmund Spenser-	"One Day I Wrote her Name"
Christopher Marlowe-	"Was this the face that launched a thousand ships"
Shakespeare-	(Extract from <i>Doctor Faustus</i> , Act V Scene I) William "When I Consider Everything That Grows" "The Phoenix and the Turtle"

Unit- B

John Donne-	"Goe and Catche a Falling Starre"
John Milton-	<i>Paradise Lost</i> , Book-I (Lines 50-69)
John Dryden-	"Happy the Man"
Alexander Pope-	"Ode to Solitude"

Unit- C

Henry Derozio-	"The Harp of India"
Michael Madhusudan Dutt-	"I Lov'd The"
Rabindranath Tagore-	"Where the Mind is Without Fear"
Sarojini Naidu-	"Raksha Bandhan"

Section- II

Unit -D

William Shakespeare-	<i>The Merchant of Venice</i>
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Section- III
Unit -E

Introduction to:

- a. Renaissance
- b. Elizabethan Age
- c. Metaphysical Age
- d. Restoration Age

Literary Devices:

- a. Sonnet
- b. Elegy
- c. Metaphor
- d. Simile

Recommended Readings:

- 1 A Short History of English Literature by Pramod K. Nayer, Cambridge University Press 2009
- 2 A Glossary of Literary Terms by M H ABRAMS
- 3 A Background to the Study of English Literature by B Prasad, Macmill

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English Literature

B.A. Part- I

The syllabus aims to achieve the following objectives

- To develop knowledge and understanding of various genres and forms of literature
- To Introduce the primary texts, authors, and movements
- To develop the aptitude for literature appreciation
- It serves as the historical framework for the study of literature.

Paper-II: Prose and Fiction

Duration: 3 hrs

Maximum Marks:100

Minimum Marks: 36

Question No. 1 and 2 are compulsory.

Question No. 1 comprises ten (10) very short answer type questions two (2) marks each from Section I, II & III. 20

Question No. 2 The student will be required to attempt five (5) short answer type questions out of ten (10). Each question will carry four (4) marks. 20

The other three questions will be Essay-type questions with internal choice. The students have to select at least one from each Section. 60

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

Section- I

Unit- A

Francis Bacon-

"Of Truth"

G.K. Chesterton-

"A Piece of Chalk"

Hilaire Belloc-

"In Praise of Ignorance"

Unit- B

Ernest Hemmingway-

"The Old Man at the Bridge"

Oscar Wilde-

"The Selfish Giant"

O. Henry-

"The Gift of the Magi"

Unit- C

R.K. Narayan-

"An Astrologer's Day"

Premchand-

"Eidgaah"

K.A. Abbas-

"Sparrows"

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Section- II
Unit- D
Oliver Twist

Charles Dickens-

Section III
Unit -E

Types of Narration-

- a. Descriptive,
- b. Reflective,
- c. Argumentative

Literary

Forms-

- a. Plot,
- b. Novel,
- c. Climax

Recommended Readings:

1 A Glossary of Literary Terms by M H ABRAMS

2 A Short History of English Literature by Pramod K. Nayyar, Cambridge University Press
2009

3 Oliver Twist (MacMillan) Paper Back, Collectors Library New Edition 2016

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पूर्णांक : 100

न्यूनतम उत्तीर्णांक 36

1. ढोला मारू रा दोहा — संपादक — नरोत्तम दास स्वामी
दोहा संख्या 119 से 133 तक
2. विद्यापति —संपादक — शिवप्रसाद सिंह
— नन्दक नन्दन— विद्यापति पदावली
— सुन जसिया ऊबन बजाऊ बिपिन बसिया
— विरह व्याकुल मृदुल तरुवर
— कुंज भवन से चल भेलि हे
— सखि हे कतऊं न देख मधाई
3. चन्दबरदाई — पृथ्वीराज रासो, संपादक—हजारी प्रसाद द्विवेदी, नामवर सिंह
— कैमास करनाटी प्रसंग 1-8 छंद
4. कबीरदास — कबीर ग्रंथावली संपादक —श्यामसुंदर दास
— विरह को अंग साखी सं.7,8,9,11,12,13,14,15,16,17,
पद — दुलहन गावहु मंगलचार
— गोविन्द हम ऐसे अपराधी
— पंडित बाद बदन्ते झूठा
— कोई जाणैगा जाणनहारा
— मरम न जाने मिलन गोपाला
5. सूरदास पद सूरदास सार— सं. डॉ. धीरेन्द्र वर्मा
— ऊधो अखियां अति अनुरागी
— उपमा एक न नैन गही
— ऊधो मन नाही दस-बीस
— निर्गुण कौन देस को वासी
— हमारे हरि हारिल की लकरी
— उर में माखन चोर गड़े
— मधुकर श्याम हमारे चोर
— ऊधो भली करी ब्रज आए
— बिन गोपाल बैरिन भई कुंजें
— लखियत कालिन्दी अति कारी
6. छंद कवितावली— गीता प्रेस गोरखपुर
— पुरते निकसी रघुवीर वधू
— जल को गए लक्खन है लरिका
— रानी में जानि अजानी महा
— सुन सुंदर बैन सुधारस साने,
— कोपि दशकंध तव प्रलय पयोध बोले
— पावक, पवन,पानी भानू हिम कातु जम्मु
— गजबाजि घटा भलै भूरि मरा

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7. जायसी
8. मीरां
- अंक विभाजन
- राज सुरेस पचासक कौ, विधि के मसक
 - जायसी ग्रंथावली, सं. -रामचन्द्र शुक्ल
 - नागमती -वियोग खण्ड, प्रथम 5 पद
 - मीरा रचनावली सं.- नरोत्तम स्वामी
 - पद संख्या -14,15,16,20,23,28,31,32
- (i) कुल चार व्याख्याएं विकल्प देय तथा एक कवि से एक ही व्याख्या। $10 \times 4 = 40$
- (ii) तीन आलोचनात्मक प्रश्न (विकल्प देय)। $16 \times 3 = 48$
- (iii) एक प्रश्न टिप्पणी परक होगा।
- जिसमें आदिकाल एवं भक्तिकाल की प्रवृत्तियों से संबंधित किन्हीं दो विषयों पर संक्षिप्त टिप्पणी। टिप्पणियों में विकल्प देय होगा $6 \times 2 = 12$

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PANDIT DEENDAYAL UPADHYAYA SHEKHAWATI
UNIVERSITY, SIKAR

बी.ए. प्रथम वर्ष :- हिन्दी साहित्य

द्वितीय प्रश्न पत्र – (उपन्यास, कहानी एवं गद्य की अन्य विधाएँ)

पूर्णांक : 100

न्यूनतम उत्तीर्णांक : 36

खण्ड – अ

1. उपन्यास	–	आपका बंटी (मन्नू भंडारी)
2. कहानी		
चन्द्रधर शर्मा गुलेरी	–	उसने कहा था
प्रेमचंद	–	पूस की रात
जय शंकर प्रसाद	–	आकाशदीप
जैनेन्द्र	–	पाजेब
फणीश्वरनाथ रेणु	–	तीसरी कसम
मोहन राकेश	–	मलबे का मालिक
रांगेय राघव	–	गदल
अमरकान्त	–	जिन्दगी और जोंक
निर्मल वर्मा	–	परिन्दे

खण्ड – ब

3. गद्य की विधाएँ

डायरी	–	हरिवंश राय बच्चन	–	प्रवास की डायरी : कुछ पन्ने
संस्मरण	–	अज्ञेय	–	बसन्त के अग्रदुत : निराला
यात्रा	–	धर्मवीर भारती	–	ठेले पर हिमालय
रेखाचित्र	–	रामवृक्ष बेनीपूरी,	–	सुभानखॉ (माटी की मूरतें, ग्रंथावली से)

खण्ड – स

हिन्दी उपन्यास व कहानी स्वरूप और परिभाषा
हिन्दी उपन्यास व हिन्दी कहानी का विकास
हिन्दी गद्य का विकास, गद्य की विविध विधाएँ

अंक विभाजन

कुल चार व्याख्याएँ (खण्ड 'अ' व 'ब' से) (आन्तरिक विकल्प देय)	10 x 4 = 40 अंक
कुल चार निबन्धात्मक प्रश्न	15 x 4 = 60 अंक
खण्ड 'अ' दो प्रश्न – एक उपन्यास पर, एक कहानी पर (आन्तरिक विकल्प देय)	
खण्ड 'ब' से एक प्रश्न (आन्तरिक विकल्प देय)	
खण्ड 'स' से एक प्रश्न (आन्तरिक विकल्प देय)	

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UNIVERSITY, SIKAR**

B.A. PART-I URDU

Paper I : Prose and Drama

Max.Marks 100

3 Hrs. Duration

Min. Pass Marks 72
Min. Pass Marks 36

Books Prescribed :

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

Division of Marks :

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

Total : Marks 100

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

Paper II : Poetry and Rhetorics

Max.Marks 100

3 Hrs. Duration

Min. Pass Marks 36

Books prescribed :

1. Shehpare (Nazm) Published by Idare Nashr-O-Ishat, Allahabad University-Allahabad, (1991 edition)

The following are prescribed from the book:

- (a) Ghazaliyat : Meer, Atish & Ghalib
- (b) Nazmen : Iqbal, Nazeer & Josh.

2. Jadeed Idemul Balaghat by Abdul Majeed Khan

The following Rhetorics (Sanaya) Only :

1. Tazad, 2. Laf o Nashr, 3. Talmeeh, 4. Husne Taleel, 5. Mubalgha, 6. Tashbeeh, 7. Istiyara, 8. Marratun Nazeer, 9. Siyaqatuladad, 10. Tahseequs Sifat, 11. Iham, 12. Majaz, 13. Tajahule Arifana, 14. Ishateqaq.

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Dy. Registrar
Pandit Deendayal Upadhyaya
Shekhawati University,
Sikar(Rajasthan)

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 20

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

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स्नातक प्रथम वर्ष –संस्कृत
पाठ्यक्रम मुख्य परीक्षा वर्ष 2023

दृष्य काव्य, श्रव्य काव्य एवं अनुवाद

प्रथम प्रश्न पत्र

प्रश्न पत्र के लिए निर्देश :- संपूर्ण प्रश्न पत्र 100 अंक का होगा जिसको 20-20 की 5 इकाईयों में विभाजित किया गया है। प्रश्न पत्र के दो भाग होंगे भाग-1 लघूत्तरात्मक एवं भाग-2 वर्णनात्मक प्रश्न। लघूत्तरात्मक भाग कुल 30 अंक का होगा जिसमें पांचों इकाईयों में से 2-2 अंक के 3-3 लघूत्तरात्मक प्रश्न होंगे। कुल 15 प्रश्न पूछे जायेंगे जिनका अंक भार $15 \times 2 = 30$ होगा। वर्णनात्मक भाग कुल 70 अंक का होगा जिसमें पांचों इकाईयों में से व्याख्या एवं प्रश्न पत्र के 20% भाग के उत्तर संस्कृत माध्यम से दिया जाना निर्धारित है।

प्रथम इकाई-स्वप्नवासवदत्तम् (व्याख्या भाग) 20 अंक

प्रश्न पत्र के भाग -1 में 2-2 अंक के तीन लघूत्तरात्मक प्रश्न पूछे जायेंगे एवं भाग 2 में संपूर्ण नाटक से चार व्याख्या पूछ कर दो व्याख्याओं को हल करना है। प्रत्येक व्याख्या के लिए 7 अंक निर्धारित है।

द्वितीय इकाई- स्वप्नवासवदत्तम् (भास एवं नाटक से संबंधित प्रश्न) 20 अंक प्रश्न पत्र के भाग-1 में 2-2 अंक के तीन लघूत्तरात्मक प्रश्न पूछे जायेंगे एवं भाग 2 में भास का परिचय, नाटक से चार व्याख्या पूछ कर दो व्याख्याओं को हल करना है। प्रत्येक व्याख्या के लिए 7 अंक निर्धारित है।

तृतीय इकाई - नीतिशतकम् 20 अंक

प्रश्न पत्र के भाग -1 में 2-2 अंक के तीन लघूत्तरात्मक प्रश्न पूछे जायेंगे एवं भाग 2 से सम्पूर्ण नीतिशतकम् काव्य से दो पद्यों की व्याख्या पूछकर एक की सम्पूर्ण व्याख्या अभीष्ट होगी। उस व्याख्या का अंक भार 7 होगा। इसके अलावा दो प्रश्न पूछ कर एक का उत्तर अभीष्ट होगा। जिसका अंक भार भी 7 होगा।

चतुर्थ इकाई- रघुवंशम् (द्वितीय सर्ग) 20 अंक

प्रश्न पत्र के भाग -1 में 2-2 अंक के तीन लघूत्तरात्मक प्रश्न पूछे जायेंगे एवं भाग 2 में रघुवंश के द्वितीय सर्ग से दो पद्यों की व्याख्या पूछकर संप्रसंग व्याख्या अभीष्ट होगी। इसके लिए 7 अंक निर्धारित है एवं रघुवंश के द्वितीय सर्ग और कालिदास की काव्य शैली से संबंधित दो प्रश्न पूछ कर एक का उत्तर अभीष्ट होगा जिसके लिए 7 अंक निर्धारित हैं।

पंचम इकाई - अनुवाद (कारक संबंधी) 20 अंक

प्रश्न पत्र के भाग -1 में कारको के सामान्य ज्ञान एवं सूत्रों से सम्बंधित 2-2 अंक के तीन लघूत्तरात्मक प्रश्न पूछे जायेंगे एवं भाग 2 में कारक संबंधित कुल 10 अनुवाद पूछ के किन्ही 7 का हिंदी से संस्कृत में अनुवाद अभीष्ट होगा। प्रत्येक अनुवाद के लिए 2 अंक निर्धारित है।

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स्नातक प्रथम वर्ष –संस्कृत

पाठ्यक्रम मुख्य परीक्षा वर्ष 2023

भारतीय संस्कृति के तत्व, पद्य साहित्य एवं व्याकरण

द्वितीय प्रश्न पत्र

प्रश्न पत्र के लिए निर्देश :- संपूर्ण प्रश्न पत्र 100 अंक का होगा जिसको 20-20 की 5 इकाईयों में विभाजित किया गया है। प्रश्न पत्र के दो भाग होंगे भाग-1 लघूत्तरात्मक एवं भाग-2 वर्णनात्मक प्रश्न। लघूत्तरात्मक भाग कुल 30 अंक का होगा जिसमें पांचों इकाईयों में से 2-2 अंक के 3-3 लघूत्तरात्मक प्रश्न होंगे। कुल 15 प्रश्न पूछे जायेंगे जिनका अंक भार $15 \times 2 = 30$ होगा। वर्णनात्मक भाग कुल 70 अंक का होगा जिसमें पांचों इकाईयों में से व्याख्या एवं प्रश्न पत्र के 20% भाग के उत्तर संस्कृत माध्यम से दिया जाना निर्धारित है।

प्रथम इकाई— (भारतीय संस्कृति के तत्व) 20 अंक

प्रश्न पत्र के भाग- 1 में भारतीय संस्कृति की पृष्ठभूमि, विशेषताएं, ऐतिहासिक रूपरेखा, वैदिक काल-उत्तर वैदिक काल, मध्यकाल, प्राचीन भारत की राजनीतिक, सामाजिक और आर्थिक स्थिति, वर्णाश्रम व्यवस्था, संस्कार, प्राचीन भारत में शिक्षा, लेखन कला, भारतय दर्शन इत्यादि विषयों से संबंधित बिंदुओं पर 2-2 अंक के तीन लघूत्तरात्मक प्रश्न पूछे जाएंगे एवं भाग 2 में 7-7 प्रश्न पूछे जाएंगे प्रत्येक प्रश्न में अथवा विकल्प होगा।

द्वितीय इकाई —किरातार्जुनीयम्(प्रथम सर्ग) 20 अंक

प्रश्न पत्र के भाग -1 में 2-2 अंक के तीन लघूत्तरात्मक प्रश्न पूछे जायेंगे एवं भाग 2 में किरातार्जुनीय महाकाव्य के प्रथम सर्ग दो पद्यों की व्याख्या पूछ कर किसी एक की संप्रसंग व्याख्या अभीष्ट होगी एवं महाकवि भारवि और किरातार्जुनीयम् के प्रथम सर्ग से संबंधित दो प्रश्न पूछ कर एक का उत्तर देय होगा। व्याख्या और प्रश्न दोनों के लिए 7-7 अंक निर्धारित है।

तृतीय इकाई—लघु सिद्धांत कौमुदी (संज्ञा एवं संधि प्रकरण) 20 अंक

प्रश्न पत्र के भाग- में लघु सिद्धांत कौमुदी के संज्ञा प्रकरण और संधि प्रकरण से संबंधित 2-2 अंक के तीन लघूत्तरात्मक प्रश्न पूछे जायेंगे एवं भाग- 2 में संज्ञा प्रकरण से चार सूत्र पूछ कर किन्ही दो की व्याख्या अभीष्ट होगी जिसके लिए $2+2 = 4$ अंक निर्धारित है संधि प्रकरण में 4 सूत्र पूछ कर किन्ही दो की व्याख्या अभीष्ट होगी जिसके लिए $2+2 = 4$ अंक निर्धारित है एवं 6 संधि पद पूछ कर 3 पदों की रूप सिद्धियां अभीष्ट हैं, जिनके के लिए $2+2+2 = 6$ अंक निर्धारित है।

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चतुर्थ इकाई— कृदन्त प्रत्यय (तव्यत , अनीयर, यत, क्यप, ण्यत, शतृ, शानच्, क्त, क्तवत्, क्त्वा, तुमुन्) 20 अंक

प्रश्न पत्र के भाग -1 में उपर्युक्त प्रत्ययों के प्रकृति प्रत्यय ज्ञान और साधारण प्रयोग से संबंधित 2-2 अंक के तीन लघूत्तरात्मक प्रश्न पूछे जायेगे एवं भाग -2 में उपर्युक्त प्रत्ययों में से 10 प्रकृति और प्रत्यय देकर किन्हीं 7 प्रकृति और प्रत्यय से शब्द बनाना अभीष्ट होगा एवं 10 शब्द देकर उनमें से किन्हीं 7 शब्दों में प्रकृति और प्रत्ययों को अलग करना अभीष्ट होगा। दोनों प्रश्न 7-7 अंकों के होंगे।

पंचम इकाई— (इकाई 4 में पठित प्रत्ययों के आधार पर सूत्रों का ज्ञान एवं अनुवाद) 20 अंक

प्रश्न पत्र के भाग-1 में उपर्युक्त प्रत्ययों के सूत्रों से संबंधित 2-2 अंक के तीन लघूत्तरात्मक प्रश्न पूछे जायेंगे एवं भाग 2 में उपर्युक्त प्रत्ययों से संबंधित 10 वाक्य देकर उनमें से किन्हीं 7 का संस्कृत अनुवाद होगा इसके लिए $7 \times 2 = 14$ अंक निर्धारित हैं।

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**PANDIT DEENDAYAL UPADHYAYA SHEKHAWATI
UNIVERSITY, SIKAR**

B.A. Part -I

PHILOSOPHY

Scheme:

Two Papers	Min. Pass Marks 72	Max. Marks 200
Paper I	3 hrs. duration	Max. Marks 100
Paper II	3 hrs. duration	Max. Marks 100

General Instructions:

- (1) There shall be two question papers: Paper I and Paper II
- (2) Both the question paper will be in two parts: Part I & Part II
- (3) Part I of the question paper will be of 40 marks in total. This part will consist of twenty compulsory short questions, with 2 marks each. The word limit for these questions shall be upto 50 words. These questions will cover the entire units and there will be no unit wise division of the questions asked in this part.
- (4) Part II of the question paper will be of 60 marks and students will required to write detailed answer in the answer sheet only. If syllabus (course contents) of a paper is divided into two units i.e. Unit A and Unit B, then in this part of the questions 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.

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Unit A:

1. Nature of Indian Philosophy: plurality as well as common concern.
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) Rta (duty/obligation).
3. Carvaka school: its epistemology, metaphysics and ethics.
4. Jainism: concept of sat, dravya, guna, paryaya, jiva, ajiva, anekantavada, syadvada and nayavada, pramanas, ahimsa, bondage and liberation.
5. Buddhism: theory of pramanas, theory of dependent origination, the four noble truths, doctrine of momentariness, theory of no-soul. A brief introduction of the schools of Buddhism: Vaibhasika, Sautrantika, Yogacara, Madhyamika.

Unit-B

1. Nyaya: theory of pramanas, the individual self and its liberation, the idea of God and proofs for his existence.
2. Viseshika: Padarthas: dravya, guna, karma, samanya, samavaya, visesha, abhava, Causation: asatkaryavada, karana: samavayi, asamavayi & nimitta, paramanuvada, adrsta, nihsreyas.
3. Samkhya: causation, satkaryavada, prakrti, its constituents, evolutes and arguments for its existence, purusa arguments for its existence and plurality of purusas, relationship between prakrti and purusa, kaivalya, atheism.
4. Yoga: citta and citta-vrtti, eightfold path, God.

Unit-C

1. Purva Mimamsa: Pramana-mimamsa, Self.
2. Advaita: nirguna Brahman, adhyasa, rejection of difference, vivartavada, maya, three grades of satta, pramanas, jiva, jivanmukti.
3. Visistadvaita: saguna Brahman, refutation of maya, parinamavada, aprthaksiddhi, jiva, bhakti and prapatti, rejection of jivanmukti.

Prescribed Reading:

- Dutta & Chatterjee: Introduction to Indian Philosophy (Hindi translation available).
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
संगम लाल पाण्डे : भारतीय दर्शन का सर्वेक्षण, सेन्ट्रल पब्लिशिंग हाऊस, इलाहाबाद।

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Unit-A

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

Unit-B

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

Unit-C

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 judgment 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- मध्ययुगीन दर्शन का वैज्ञानिक इतिहास, किताब महल, इलाहाबाद

3- आधुनिक दर्शन का वैज्ञानिक इतिहास, किताब महल, इलाहाबाद

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

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


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बी.ए भाग प्रथम –इतिहास

परीक्षा योजना

दो प्रश्न पत्र	न्यूनतम अंक-72	अधिकतम अंक -200
प्रथम प्रश्न पत्र	समय - 3 घंटे	अंक -100
द्वितीय प्रश्न पत्र	समय - 3 घंटे	अंक -100

नोट:- प्रश्नपत्र के कुल तीन खण्ड होंगे। खण्ड "अ" में प्रत्येक इकाई में 2 अंको के 2 प्रश्न , कुल 10 प्रश्न होंगे। परीक्षार्थी के लिए सभी प्रश्नों के उत्तर देना अनिवार्य है। प्रत्येक उत्तर की शब्द सीमा 50 शब्दों से अधिक नहीं होगी। खण्ड ब में प्रत्येक इकाई में से 1 प्रश्न आंतरिक विकल्प सहित कुल 5 प्रश्न होंगे। प्रत्येक प्रश्न 7 अंक का होगा। परीक्षार्थी के लिए सभी प्रश्नों के उत्तर देना अनिवार्य है। प्रत्येक उत्तर की शब्दसीमा 200 शब्दों से अधिक नहीं होगी। खण्ड स में प्रत्येक इकाई से 15 अंको का 1 प्रश्न कुल 5 प्रश्न होंगे। परीक्षार्थी को किन्ही 3 प्रश्नों के उत्तर देने होंगे। प्रत्येक खण्ड की शब्द सीमा 500 शब्दों से अधिक नहीं होगी।

प्रथम प्रश्न पत्र:- भारत का इतिहास – प्रारंभिक काल से 1206 ई.

इकाई -1

प्राचीन भारतीय इतिहास के प्रमुख श्रोत, प्राचीन इतिहास में प्रचलित विभिन्न संवत्, भारतीय इतिहास एवं संस्कृति पर भूगोल का प्रभाव, भारत की प्रागैतिहासिक संस्कृतियों का संक्षिप्त सर्वेक्षण। सिंधु –संरस्वती सभ्यता उदगम्, विस्तार, प्रमुख विशेषताएँ पतन एवं निरन्तरता, वैदिक साहित्य: समाज, राजनीति, अर्थव्यवस्था एवं धर्म । भारत की लौहयुगीन संस्कृतियों का सर्वेक्षण।

इकाई -2

6ठी शताब्दी ई.पू. एवं बौद्ध व जैन धर्म , जनपदों का उदय गणतन्त्रीय राज्य, मगध साम्राज्य का उदय, नन्द साम्राज्य तक, मगध साम्राज्य और चन्द्रगुप्त मौर्य का योगदान , अशोक –उसकी नीतियां एवं धम्म व उसकी प्रासंगिकता, मौर्य शासन प्रबन्ध, मौर्य युग की सांस्कृतिक उपलब्धियां, मौर्य साम्राज्य के पतन के कारण।

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पूर्व गुप्तकाल में विभिन्न राजनीतिक शक्तियाँ – शुंग, सातवाहन, शक और कुषाण, पूर्व गुप्तकाल के प्रमुख शासक एवं उनकी उपलब्धियाँ – पुष्यमित्र शुंग, गौतमी पुत्र शातकर्णी रुद्रदामन प्रथम एवं कनिष्क प्रथम, संगम युग– साहित्य समाज, एवं संस्कृति व गुप्तकाल में आर्थिक प्रगति– व्यापार एवं वाणिज्य के विशेष सन्दर्भ में।

इकाई- 4

गुप्त वंश का प्रारंभिक इतिहास चन्द्रगुप्त प्रथम तक, गुप्त वंश के प्रमुख शासक एवं उनकी उपलब्धियाँ–समुद्रगुप्त, चन्द्रगुप्त द्वितीय, स्कन्दगुप्त, गुप्त शासन प्रबंध की विशेषताएं, गुप्तकाल में सांस्कृतिक पुनरुत्थान एवं विज्ञान एवं तकनीकी के क्षेत्र में विकास।

इकाई -5

गुप्तकाल के पश्चात का भारत : वर्धन साम्राज्य का निर्माण एवं विस्तार – हर्ष, चोल चालुक्य एवं पल्लव शासन : त्रिराज्य संघर्ष, विग्रहराज चाहमान, कुमारपाल चालुक्य एवं भोज परमार की उपलब्धियाँ; –राजपूत राज्यों के पतन के उत्तरदायी तत्व।

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बी.ए भाग प्रथम –इतिहास

परीक्षा योजना

दो प्रश्न पत्र	न्यूनतम अंक-72	अधिकतम अंक -200
प्रथम प्रश्न पत्र	समय - 3 घंटे	अंक -100
द्वितीय प्रश्न पत्र	समय - 3 घंटे	अंक -100

नोट:- प्रश्नपत्र के कुल तीन खण्ड होंगे। खण्ड "अ" में प्रत्येक इकाई में 2 अंको के 2 प्रश्न , कुल 10 प्रश्न होंगे। परीक्षार्थी के लिए सभी प्रश्नों के उत्तर देना अनिवार्य है। प्रत्येक उत्तर की शब्द सीमा 50 शब्दों से अधिक नहीं होगी। खण्ड ब में प्रत्येक इकाई में से 1 प्रश्न आंतरिक विकल्प सहित कुल 5 प्रश्न होंगे। प्रत्येक प्रश्न 7 अंक का होगा। परीक्षार्थी के लिए सभी प्रश्नों के उत्तर देना अनिवार्य है। प्रत्येक उत्तर की शब्दसीमा 200 शब्दों से अधिक नहीं होगी। खण्ड स में प्रत्येक इकाई से 15 अंको का 1 प्रश्न कुल 5 प्रश्न होंगे। परीक्षार्थी को किन्ही 3 प्रश्नों के उत्तर देने होंगे। प्रत्येक खण्ड की शब्द सीमा 500 शब्दों से अधिक नहीं होगी।

प्रश्न पत्र द्वितीय: राजस्थान का इतिहास (आरंभिक काल से 1956 ई. तक)

इकाई-1

राजस्थान के इतिहास के श्रोतों का सर्वेक्षण; राजस्थान में पुरापाषाणकालीन एवं मध्यपाषाणकालीन संस्कृतियाँ, शेखावाटी के विशेष संदर्भ में पाषाणकाल। ताम्र युगीन संस्कृतियों का विस्तार एवं विशेषताएं –आहाड़ , बालाथल , गणेश्वर।

इकाई-2

हड़प्पा संस्कृति का राजस्थान में विस्तार, कालीबंगा संस्कृति की विशेषताएं, राजस्थान में मत्स्य जनपद एवं गणतांत्रिक जातिया. सुनारी , रंगमहल, विराटनगर, नोह, नगलाछैल के विशेष संदर्भ में।

इकाई -3

राजपूतों का उदय, गुहिलों, गुर्जर-प्रतिहारों एवं चौहानों का उत्कर्ष एवं विस्तार। राजस्थान में मुस्लिम आक्रमणों का राजपूत प्रतिरोध –रणथम्भौर, जालौर व चित्तौड़ के विशेष संदर्भ में। महाराणा कुंभा एवं सांगा के अधिन मेवाड़।

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इकाई-4

मुस्लिम सत्ता से स्वतंत्रता के लिए संघर्ष; राव चन्द्रसेन, महाराण प्रताप एवं सवाई जयसिंह का योगदान। राजस्थान में समाज एवं सस्कृति की मुख्य विशेषताओं का संक्षिप्त सर्वेक्षण (1200 ई. - 1750 ई.) मीरा एवं दादू का मध्यकालीन भक्ति आंदोलन में योगदान। कला एवं स्थापत्य - दुर्ग स्थापत्य, मंदिर, शेखावाटी के विशेष संदर्भ में- हवेली, बावड़ियाँ। राजपूत चित्रकला एवं शेखावाटी की भित्ति चित्रकला।

इकाई -5

राजस्थान में मराठा आक्रमण एवं उनका प्रभाव। 18 वीं शताब्दी के पश्चात् सामाजिक व आर्थिक परिवर्तन भू-राजस्व बंदोबस्त। नमक एवं अफीम व्यापार पर ब्रिटिश एकाधिकार। राजस्थान में 1857 की क्रान्ति व शेखावाटी क्षेत्र की भूमिका, राजस्थान में कृषक एवं जनजातीय आंदोलन। राजस्थान में प्रजामण्डलों का गठन एवं स्वाधीनता संघर्ष। राजस्थान का एकीकरण।

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B.A. PART –I Political Science

PAPER I – FOUNDATIONS OF POLITICAL SCIENCE

UNIT-I

Political Science –Meaning, Nature and Scope; Traditional and Contemporary Perspective, Behaviouralism, Post- Behaviouralism, Political Systems Theory, Power Authority and Legitimacy.

UNIT-II

Political Development, Political Modernization. Political Culture, Liberty, Equality, Justice, Sovereignty and Constitutionalism.

UNIT-III

Democracy and Authoritarianism, Parliamentary and Presidential form of government, Unitary and Federal form of government

UNIT-IV

Organs of government and functions- Legislature , Executive , Judiciary , Theories of representation, Political Parties and Pressure Groups, Public Opinion.

UNIT-V

Political Ideologies- Liberalism, Idealism, Marxism, Democratic Socialism, Anarchism, Feminism.

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B.A. PART –I Political Science

PAPER –II: REPRESENTATIVE INDIAN POLITICAL THINKERS

UNIT-I

Manu, Kautilya Shukra.

UNIT-II

Raja Rammohan Roy, Swami Dayanand Saraswati, Swami Vivekananda.

UNIT-III

Gopal Krishna Gokhale, Bal Gangadhar Tilak, Lala Lajpat Rai.

UNIT-IV

Mahatma Gandhi, Jawaharlal Nehru, Dr. Bhim Rao Ambedkar.

UNIT-V

M.N. Roy, Jai Prakash Narayan, Pandit Deendayal Upadhyaya .

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पंडित दीनदयाल उपाध्याय शेखावाटी विश्व विद्यालय, सीकर

पाठ्यक्रम

लोक प्रशासन

बी.ए. भाग-प्रथम

प्रश्न-पत्र-प्रथम (लोक प्रशासन के तत्व)

इकाई-प्रथम

लोक प्रशासन का अर्थ, प्रकृति एवं क्षेत्र। आधुनिक समाज में लोक प्रशासन की महत्ता। लोक एवं निजी प्रशासन। विषय के रूप में लोक प्रशासन के अध्ययन का विकास। नवीन लोक प्रशासन (एन.पी.ए.) एवं नव लोक प्रबंध की अवधारणा (एन.पी.एम.)

इकाई-द्वितीय

संगठन-औपचारिक एवं अनौपचारिक संगठन। संगठन के सिद्धान्त- पदसोपान, आदेश की एकता। नियंत्रण का क्षेत्र, समन्वय, पर्यवेक्षण, केन्द्रीयकरण, प्रत्यायोजन, सत्ता (प्राधिकार) एवं उत्तरदायित्व।

इकाई-तृतीय

मुख्य कार्यपालिका, सूत्र, स्टाफ एवं सहायक अभिकरण। निर्णयन (एच.साइमन) नेतृत्व (लक्षणवादी सिद्धांत एवं स्थितवादी सिद्धांत)। संचार: प्रकार एवं बाधाएँ। मनोबल एवं अभिप्रेरणा (मैस्लो एवं हर्जबर्ग के सिद्धांत)।

इकाई-चतुर्थ

कार्मिक प्रशासन- अर्थ, प्रकृति, एवं महत्ता। नौकरशाही-अर्थ एवं अवधारणा, वेबर का नौकरशाही उपागम। अवधारणाएँ- वर्गीकरण, भर्ती, प्रशिक्षण, पदोन्नति एवं अनुशासनात्मक कार्यवाही।

इकाई-पंचम

वित्तीय प्रशासन-अर्थ एवं महत्त्व। बजट - अर्थ एवं प्रकार, बजट निर्माण एवं क्रियान्वयन। शून्य आधारित बजट (जेड.बी.बी.) एवं नियोजन-कार्यक्रम-बजटन प्रणाली (पी.पी.बी.एस.) की अवधारणा।

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पाठ्यक्रम

लोक प्रशासन

बी.ए. भाग-प्रथम

प्रश्न-पत्र-द्वितीय (भारत में लोक प्रशासन)

इकाई-प्रथम

1909, 1919, एवं 1935 के भारत शासन अधिनियम के विशेष संदर्भ में भारतीय प्रशासन की ऐतिहासिक पृष्ठभूमि। भारतीय प्रशासन की प्रमुख विशेषताएँ। अवधारणाएँ- संविधानवाद, संसदीय लोकतंत्र एवं संघवाद।

इकाई- द्वितीय

संघ सरकार एवं प्रशासन -राष्ट्रपति, प्रधानमंत्री एवं मंत्रिपरिषद, केन्द्रीय सचिवालय, मंत्रिमंडल सचिवालय, एवं प्रधानमंत्री कार्यालय (पी.एम.ओ.)।

इकाई-तृतीय

प्रशासन पर नियंत्रण- विधायी, कार्यकारी एवं न्यायिक नियंत्रण। गृह मंत्रालय एवं कार्मिक, लोक शिकायत तथा पेंशन मंत्रालय। भारत का नियंत्रक एवं महालेखा परीक्षक (सी.ए.जी.)।

इकाई-चतुर्थ

लोक उपक्रमों के प्रमुख स्वरूप (प्रकार)- विभाग, निगम एवं कम्पनी। संसदीय समितियाँ -लोक लेखा समिति (पी.ए.सी.) प्राक्कलन (अनुमान) समिति एवं लोक उपक्रमों पर समिति (कोपू)।

इकाई-पंचम

कार्मिक प्रशासन-भारत में लोक सेवाओं की विशेषताएँ एवं संवैधानिक ढांचा। भारत में उच्च लोक सेवाओं की भर्ती एवं प्रशिक्षण। संघ लोक सेवा आयोग (यू.पी.एस.सी.)। प्रशासनिक नीतिशास्त्र।

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**PANDIT DEENDAYAL UPADHYAYA SHEKHAWATI
UNIVERSITY, SIKAR**

B.A. Part-I

DRAWING & PAINTING (Only for Regular Students)

EXAMINATION SCHEME:

Theory Paper I Fundamentals of Arts	Duration 3 hrs.	M.M. 90	Min. Pass Marks 32½
Practical Paper II			
Part A- Study from object	3 hrs.	45	32½
Part B-Creative Design	3 hrs.	45	
Submission of Works (A & B)		20	07
Total		200	72

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

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

Section – B

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

Principles of Composition – Unity, Harmony, Balance, Rhythm, Dominance, Proportion.

Perspective, Drawing and Rendering.

Section – C

Art Techniques and Materials – Fresco-Buno and Secco, Wash and Wash, Graphic Art-Lino, Wood Cut. Etching, Colograph, Lithograph etc., Colour Media and Technique- Oil, Water, Acrylic, Tempera, Pastel.

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Paper – II Practical**Part-A****Study from Objects**

Medium water colour

size ½Imp.

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 water colour

size ½Imp.

3 hrs. duration

Two dimensional design should be made giving stress on stylization, 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 09 hours (12 Period) 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 external examiner. The 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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PANDIT DEENDAYAL UPADHYAYA SHEKHAWATI UNIVERSITY, SIKAR

SYLLABUS FOR THE SESSION 2022-2023 (MAIN EXAMINATION-2023)

B.A Part – I SOCIOLOGY

Paper I: Introduction to Sociology

Maximum Marks: 100

Minimum Marks: 36

Unit I

Meaning, Nature and Scope of Sociology.

Sociological Perspective: - Scientific and Humanistic Orientations. Sociology and other Social Sciences.

Unit II

Concepts: - Society, Community, Social Group, Association, Social Institution, Social Action, Social Structure, Social System.

Unit III

Culture, Status and Role, Social Norms and Values.

Unit IV

Socialization: - Concept, Stages and Theories.

Social Control: - Concept, Forms and Agencies.

Unit V

Social Stratification: - Concept, Forms and Theories.

Social Change: - Concept, Forms (Linear and Cyclical) and Theories.

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Paper II: Society in India

Maximum Marks: 100

Minimum Marks : 36

Unit I

Sociological Understanding of Indian Society: -

Textual and Field-View Traditions: G. S. Ghurye and M. N. Srinivas.

Civilization and the Marxian Traditions; N. K. Bose and D. P. Mukerji.

Unit II

Family, Marriage and Kinship: - Meaning, Forms, Issues, Continuity and Change.

Unit III

Caste and Class: - Meaning, Features, Continuity and Change.

Unit IV

Challenges: - Casteism, Communalism and Regionalism.

Unit V

Corruption, Unemployment and Population.

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**PANDIT DEENDAYAL UPADHYAYA SHEKHAWATI
UNIVERSITY, SIKAR**

B.A. Part –I HOME SCIENCE (Examination 2023)


(Only For Regular Girls Students)

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 Outcome 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 development 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 ,


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B.A. Part-I Home Science

Paper	Subjects	Duration of exam	Maximum Marks	Minimum Marks	No. of hrs/wk
Theory Paper- I	Family Resource Management	3 hrs.	50	18	4
Practical- I	Family Resource Management	3 hrs.	50	18	2
Theory Paper -II	Foods & Nutrition	3 hrs.	50	18	4
Practical- II	Foods & Nutrition	3 hrs.	50	18	2
		Total	200	72	12

HOME SCIENCE- THEORY PAPER-I

FAMILY RESOURCE MANAGEMENT

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 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.

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Contents:

UNIT-I Housing

Hours

1. Function & family need of housing	2
2. Principles of house planning: aspect, prospect, grouping of room, roominess, privacy, orientation, circulation, flexibility, spaciousness, aesthetics economy, ventilation services	7
3. Site selection:	3
• 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	8
5. Floor decoration with use of elementary art	2
6. Table setting & etiquette	1

UNIT-II Interior designing

7. Room arrangement and decoration – arrangement of furniture, furnishings And accessories in various rooms.	8
8. Kitchen planning importance of counters, storage, principles, working Heights.	8
9. Selection and care of household equipment (without reference to any specific equipment)	2
10. Household waste & its management by 3R	4
11. Flower decoration	5
• Basic equipments	
• Vases and containers	
• Preparing plant material	
• Shaping an arrangement	
12. Furniture	4
• Types of furniture	
• Selection use & care	
• Arrangement of furniture in various rooms	
13. Consumer problems, rights & responsibilities	3
14. Seeking redressal to consumer problems with special reference to consumer Courts	5

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UNIT-III Resource Management

15. Meaning, Definition and importance of home management	4
16. Process of management	5
• Planning.	
• Organization.	
• Implementation.	
• Controlling and evaluation.	
17. Introduction to motivational factor (factor and types)	5
• Values	
• Goals	
• Standards	
• Decision Making	
• Resources	
18. Time management	5
• 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:	7
• Process of energy management	
• Fatigue	
• Body mechanics	
• Works simplification-Mudel's Classes of changes	
• Ergonomics: Meaning, importance & its components	
20. Money Management	8
• Family income: sources & type	
• Budget: Definition & Process of budget making	
• Saving, investment and raising housing loan:	
i. Definition & Objective	
ii. Channels: bank, insurance, post office	

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

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FAMILY RESOURCE MANAGEMENT (PRACTICAL I)

Maximum Marks :50

Minimum Marks : 18

Teaching workload : I Practical/week(2 hours/ practical)

Total teaching workload : 24 practical/batch

Objectives:

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

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

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


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HOME SCIENCE -THEORY PAPER II
FOODS & NUTRITION

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 group's 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 need in the various stages of life cycle and during disease.

Objectives:-

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

Contents

Unit I

1. Definition of foods and nutrition, 5 basic food groups, balanced diet	4
2. Function of food:	
• Physiological –hunger, appetite, satiety	
• Psychological	
• Social, economic, cultural	
3. Functions, source daily allowance of:	6
• Macro nutrients	
i. Carbohydrates	
ii. Proteins	
iii. Fats	
• Micro nutrients	15
i. Minerals-calcium, iron, iodine, fluorine	
ii. Vitamins	
Water soluble- B complex vitamins, vitamin C	
Fat Soluble – A, D, E & K	
• Water	2
• Energy metabolism	5
i. Contributors of energy	
ii. BMR and factors affecting BMR	

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Unit-II

4. Meal Planning 4
- 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: 26
- 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 22
- 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 importance and their management: 10
- Protein Energy Malnutrition
 - Anemia
 - Vitamin A deficiency

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FOOD AND NUTRITION (PRACTICAL –II)

Maximum Marks: 50

Minimum Marks : 18

Teaching workload: 1 practicals/week (2 hours/practical)

Total teaching workload: 24 practicals/batch

Learning outcome:-

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

Objectives:

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

Methods of cooking:- Preparation of any four dishes by using the different methods of cooking (Streaming/Simmering/Frying/Banking/Roasting):

- Preparation of Beverages –Tea (hot & iced), Coffee (Hot & Cold), Chaach, lassi, mild shakes, fruit punch (using squashes & fresh fruits), lemonade, jaljeera, aamla shake, aam, panna, mocktails (any 2)mirinda shake. 2
- Cereal cookery- Chapaati, puri (Plain, missi), Parantha (Stuffed, plain), rice, Cheela, bhatura, Idlli, Muthia mathri (namak para, shakkar para) chowmein, pizza, sandwiches (open toasted & vegetable), Cake, Biscuit, Nan khatai 2
- Legumes & pulses- daal (plain & daal fry), rajma, chhole, dal makhani, kadhi mangodi, dahivada, dal pakodi, besan pakodi, sprout chaat, dal halwa. Dhokla, muthia, Kadh i 2
- Vegetables – Dry Vegatables (for e.g. aalu gobi, methi aalu, arbi, bhindi), stuffed vegetables (bhindi, capsicum), vegetable with gravy (dahi aalu, malai kofta, gatta, dum, aalu, kadhai panner, shahi panner),baked vegetables, soups (clear & cream), salads & salad dressings (mayonnaise, lemon, vinegar). 4
- Milk & Milk products- Panner, khoa curd, shrikhand, kheer, rabri, fruit custard, raita, fruit cream, Kheer, Custard, Stews—apple & pear 2
- Savory food preparation- dosa, uttapam, mixed veg cutlets, hara bhara kabab, burger, samosa, kofta, kachori, vada, bhaji, sago khichri, bhelpuri. 2
- Sweets- jalebi, sandesh, laddu, coconut barfi, gujiya

Meal planning for

- Exchange Lists
- Adult man/woman
- Pregnant Woman
- Lactating Woman
- Packed lunch for school going child
- Elderly

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Examination scheme:

Total Marks : 50 Marks

1. Major problem-

20 marks

Meal Planning and preparation of one dish for any one of the following

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

2. Minor Problem-

10 marks

Preparation of one dish from

1. Any one method of cooking
2. Any one food group (Cereals , vegetable, milk, etc.
3. Internal-

20 marks

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**PANDIT DEENDAYAL UPADHYAYA SHEKHAWATI
UNIVERSITY, SIKAR**

SYLLABUS FOR THE SESSION 2022-2023 (MAIN EXAMINATION-2023)

**B.A. Part-I
MATHEMATICS**

Duration : 3 Hours per Week per Theory Paper.
2 Hours per Week per Batch for Practical
(20 Candidates in each batch)

Examination Scheme :	Min. Pass Marks	Max. Marks
Science -	54	150
Arts -	72	200
	Duration	Max. Marks
Paper – I	Discrete Mathematic 3 hrs.	40 (Science) 53 (Arts)
Paper – II	Calculus 3 hrs.	40 (Science) 53 (Arts)
Paper – III	Analytic Geometry And Optimization Theory 3 hrs.	40 (Science) 53 (Arts)
Practical :-	Optimization Techniques 2 hrs.	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 ration of the maximum marks of the paper in the two Faculties.
2. Each candidate is required to appear in the Practical examination to be conducted by internal and external examiners. External will be appointed by the University and internal examiner will be appointed by the Principal consultation with local Head/Head, Department of Mathematics in the college.
3. An internal/external examination examiner can conduct Practical Examination of not more than 100 (Hundred) Candidate.
4. Each candidate has to pass in Theory and Practical examination separately.

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Paper – I Discrete Mathematics

Teaching : 3 Hours per Week
Duration of Examination : 3 Hours

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

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

Unit-I

Sets Cardinality, Principle of inclusion and exclusion, Mathematical induction, Relations and Functions, Binary relations, Equivalence relations and partitions.

Unit-II

Partial Order relations and Lattices, Chains and Anti-chains. Pigeon hole principle. Boolean Algebra-Lattices and Algebraic structure, Duality, Distributive and Complemented Lattices, Boolean Lattices, Boolean functions and Boolean expression.

Unit-III

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

Unit-IV

Basic Concept of graph theory, Types of graph (connected Graphs, Regular graph, Planar graphs) walk, Paths & Circuits, Shortest path problem. Operations on graphs (union, join, products.)

Unit-V

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 :

1. K.H. Rosen, Discrete Mathematics and it's Applications, McGraw Hill-1999.
2. N.L. Biggs, Discrete Mathematics, Oxford Science Publication, 1985.
3. C.L. Liu and D.P. Mohapatra, Elements of Discrete Mathematics, Tata McGraw Hill. 2008.
4. T. Koshy Discrete Mathematics with Applications, Academic Press, 2005.
5. N.Deo Graph Theory. Prentice Hall of India, New Delhi, 2004.

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Paper – II Calculus

Teaching : 3 Hours per Week

Max. Marks : 40 (Science)

Duration of Examination : 3 Hours

53 (Arts)

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

Unit-I

Derivative of the length of an arc. Pedal equation Curvature-Variou formulae, Centre of curvature and Chord of curvature. Envelope and evolutes.

Unit-II

Partial differentiation. Euler’s theorem for homogenous functions. Chain rule of partial differentiation. Total differentiation, differentiation of implicit functions.

Unit-III

Maxima and Minima of functions of two variables. Lagrange’s method of undermined multipliers. Asymptotes. Multiple points. Curve tracing of standard curves (Cartesian and polar curves).

Unit-IV

Beta and Gamma functions, Reduction formulae (simple standard formulae), Double integrals in Cartesian and Polar Coordinates, Change of order of integration, Triple integrals. Dirchlet’s integral.

Unit-V

Area, Rectification, Volumes and Surfaces of solids of vevolution.

Reference Book :-

1. M.J. Strauss. G.I. Bradley and K.J. Smith, Calculus (3rd Edition), Dorling Kindersley (India) Pvt. Ltd. (Pearson Education), Delhi, 2007.
2. H. Anton, I. Bivens and S. Davis, Calculus (7th Edition), John Wiley and sons (Asia), Pt. Ltd Singapore, 2002.
3. G.B. Thomas R.L. Finnary. M.d. Weir, Calculus and Analytic Geometry, Pearson Education Ltd. 2003.

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Paper – III Analytic Geometry and Optimization Theory

Teaching : 3 Hours per Week
Duration of Examination : 3 Hours

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

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

Unit-I

Sphere, Cone :

Unit-II

Cylinder, Central Conicoids-Ellipsoid, Hyperboloid of one and two sheets, tangent lines and tangent planes. Direct sphere, Normal's.

Unit-III

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

Unit-IV

The linear programming problem. Basic solution. Some basic properties and theorms on convex sets. Fundamental theorem of L.P.P., Theory of simplex method.

Unit-V

Duality, fundamental theorem of duality, Properties and elementary theorems on duality. Assignment problem, Transportation problems.

PRACTICAL

Practical-Optimization Techniques

Teaching : 2 Hours per Week

Examination

Duration : 2 hours

Scheme	Science	Arts
Max. Marks	30	40
Min. Pass Marks	10	13
Distribution of Marks		
Two Practical one from each group (10 Marks each)	Science 20	Arts (13 Marks each) 26 Marks
Practical Record	05	07
Vivo voce	05	07
Total Marks	30	40

Group A : Modeling of industrial and engineering problems into LPP and its dual and their solution by Simplex Methods

Group B : Modeling of industrial and engineering problems into Assignment Problems and Transportation problems and their solution.

Note :-

1. Each Candidate (Regular/Non-collegiate) has to prepare his/her Practical recod.
2. Each Candidate has to pass in Practical and Theory examinations separately.

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B.A. Part –I

PAPER-I: MICRO ECONOMIC THEORY

UNIT-I

Meaning, Nature and Scope of Economic, Basic Economic problems, methodology: Micro and Macro Economics, Static and Dynamic analysis, Positive and Normative Economic.

UNIT-II

Law of Demand and the Demand curve. Elasticity of Demand: Price, Income and cross Elasticity, Are and point Elasticity factor affecting price Elasticity of Demand. Substitute and complementary Goods. Consumer Surplus.

Theory of consumer Behaviour: utility Analysis; Cardinal and ordinal Approach Inferior and Giffen Goods.

UNIT-III

Production Theory: Meaning and factors of productions. Production function: Law of variable Proportions, Three Stages of production function, Law of Return to Scale. Iso-quant and Iso-Cost curves. Optimum factor combination, Theory of Cost: Short-Run and long- Run Cost Curves. Theory of Revenue: TR, AR, and MR.

UNIT-IV

Market Structures: Determination of price and output in the short and Long Run under perfect competition, Monopoly, Discriminating Monopoly, Monopolistic –Competition, excess capacity.

UNIT-V

Theory of Distribution, Marginal productivity Theory, Factor pricing under perfect and Imperfect competition in labor Market, Ricardian Theory of Rent, Modern theory of Rent and Quasi-rent. Theory of Interest: Classical and Liquidity preference, Theory of profit, Risk and uncertainty.

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B.A. PART –I

PAPER–II: INDIAN ECONOMY

UNIT-I

Basic feature and present position of Indian Economy, Natural Resources, population: Demographic feature and major trends, concept of population Dividend, population Policy, Human Resource Development. National Income in India: Trends and composition.

UNIT-II

Agriculture: Role and Importance of Agriculture in the Indian Economy, Land Reform, Growth of Modern Inputs Irrigation, HYV, Fertilization, Institutional credit, Micro-finance, Marketing of Agricultural Goods support price, concept of crop insurance, food security. Services Sector in India: IT Education and Health.

UNIT-III

Industry: Role, Strategy and Challenges, Growth of MSMs, public and private sector industries , Industrial finance, Industrial policy of 1991, New policy Initiatives for Industrial Development. New Economic policy and Disinvestment, foreign direct investment. Foreign Trade: Size, Composition and Direction, Recent trends foreign trade policy.

UNIT-IV

Planning in India: Objection and Achievements, NITI Aayog National Development Agenda, Sectoral Reforms in Infrastructure after 1991.

UNIT-V

Problems and Solutions: Poverty, Unemployment, Inflation and Regional Inequalities. Rural Development programmes and policy.

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B.A. Part-I Geography Scheme of Examination

Faculty	Min. Pass Marks	Max. Marks
Arts/Social Science	72	200
Science	54	150
Paper I	Physical Geography	Arts 75/Science 50
Paper II	Geography of Rajasthan	Arts 75/ Science 50
Practical	18	Arts 50/ Science 50

Instructions

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 6 hours per week.
2. There will be a common paper for Arts and Science.
3. Q. 1 will be compulsory and will cover the entire course of the paper.
Q No. 1 Of 20% marks of the maximum marks be set in two parts.
(a) Part (a) Will have ten items for locating on a map (to be supplied by examination center) carrying 10% marks of the maximum marks and candidate 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 questions.
4. Remaining 9 questions carrying equal marks will be set with two questions from each Section/Unit of the syllabus.
5. Candidate will attempt 5 questions in all including question No. 1 selecting at least one question from each Section/Unit.
6. Practical examination will be conducted by the board of examiners.
7. The candidate will have to pass in theory and practical separately.
8. The non- collegiate candidates will have to attend a practical training camp of 48 hours at department of geography affiliated to the PDUSU sikar/ any department of geography government college affiliated with PDUSU sikar noticed by the University from time to time in which Geography subject is taught on payment of Fee. Fixed by the university
The candidate appearing at examination from any examination center located in sikar and Jhunjhunu District will attend the practical camp at the university 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 geography practical examination.

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Paper-I : Physical Geography

Unit – I

Definition, scope and development of physical geography, solar system origin of the solar system. geological history of the Earth; Zoning of Earth's interior, rocks, types and characteristic, origin of continents and oceans, continental drift theory and plate tectonics. Concept of isostasy: mountain building theory - Kober, plate tectonics.

Unit – II

Denudation, cycle of erosion: views of W.M. Davis and W. Penck, erosional and depositional topographies: river, underground water, glacier, wind and oceanic waves.

Unit - III

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

Unit – IV

Surface configuration of oceans bottom: Pacific, Atlantic and Indian oceans, ocean deposits, horizontal and vertical temperature of oceans, oceanic salinity, tides, oceanic waves and currents, coral reefs and their origin; views of Darwin and Dana, W.M., Davis, Murray, classification of marine resources.

Unit - V

Biosphere and its components, ecosystem, plant community and animal kingdom, biomes: equatorial rainforest, monsoon, savanna and temperate, grasslands.

Recommended Readings.

1. चौहान, वी.एस. व गौतम, ए. 2005, : भौतिक भूगोल (जीवमण्डल सहित)। रस्तोगी पब्लिकेशन्स, मेरठ।
2. दयाल, पी. 2012, :भौतिक भूगोल। राजेश पब्लिकेशन्स, नई दिल्ली।
3. गौतम, अल्का, 2012: भौतिक भूगोल। रस्तोगी पब्लिकेशन्स, मेरठ।
4. सिंह, सविन्द्र, 2005 : भू-आकृति विज्ञान। तारा पब्लिकेशन्स, वाराणासी।
5. सिंह, सविन्द्र, 2011 : भौतिक भूगोल का स्वरूप। प्रयाग पुस्तक भवन, इलाहाबाद।
6. भार्मा, एच.एस., भार्मा, एम.एल. एण्ड मिश्रा, आर.एन. 2008 : भौतिक भूगोल। पंचशील प्रकाशन जयपुर।
7. Hussain, M. 2001, Fundamentals of Physical Geography, Rawat Publication, Jaipur
8. Hess, D. 2012: Physical Geography: A Landscape Appreciation, PHI Learning Private Limited, New Delhi, Mcknight's Tevtt Edition.
9. Khullar, D.R. 2012: Physical Geography, Kalayani Publishers, New Delhi.
10. Sharma, R.C. and Vatal M. 1999: Oceanography for Geographers. Chaitanya Publishing House, Allahabad.
11. Strahler, A.N. and Strahler, A.H. 1989: Elements of Physical Geography. John Wiley & Sons, New York.
12. Tikka, R.N. 1999: Physical Geography. Kedar Nath Ram Nath & C. Meerut.

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Paper II: Geography of Rajasthan

Unit – I

Physiography of Rajasthan: geological structure, relief, drainage, climate, natural vegetation. drought, desertification, soils, soil erosion and conservation; water resources- availability, problems and conservation.

Unit - II

Mineral resources: metallic and nonmetallic, distribution and production; energy resources: distribution and production (hydro-electricity, coal, petroleum, solar energy and bio-energy) irrigation resources distribution , irrigation projects: detailed study of Indira Gandhi canal project, Chambal valley project, Mahi Bajaj Sager projects on physical and socio-economic aspects.

Unit - III

Agriculture distribution in Rajasthan: development under five year plans, problems of agriculture development, wheat, rice, bajara, pulses, cotton, ground nuts, general land use, live-stock and dairy development.

Unit - IV

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.

Unit - V

Cultural and development aspects: population- number, growth, distribution and density, rural and urban, male and female population, occupational structure, population problems, detailed study of bhil, meena and garasia.

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

Recommended Readings:

1. Bhalla, L.R. 1996-97: Geography of Rajasthan. Kuldeep publications, Jaipur.
2. Gujar, R.K. 1992: Geography of Indira Gandhi Canal. Rajasthan Hindi Granth Academy
3. Lodha, R.& Maheshwari, D.2001: Geography of Rajasthan. Shahitya Bhawan Publications, Hospital Road, Agra.
4. Mishra, V.C. 1967: Geography of Rajasthan. National book trust of India. New Delhi.
5. Singh, R.L. 1971 (ed.): India A Regional Geography NGSI. Varanasi.
6. Attar Singh. 1992: Flood Prone Areas of India. A viskar Publishers Jaipur
7. Sharma H.S. and M.L. Sharma 2014: Geography of Rajasthan. Panchcil Publisher, Jaipur.
8. नथुरामका, एल.एन., 2012-13 : राजस्थान की अर्थव्यवस्था। कॉलेज बुक हाउस, जयपुर।
9. साईवाल, स्नेह 2012 : राजस्थान का भूगोल। कॉलेज बुक हाउस, जयपुर।
10. सकसेना, एच.एम. 2012 : राजस्थान का भूगोल। राजस्थान हिन्दी ग्रन्थ अकादमी, जयपुर।

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**B.A. PART-I Practical
Scheme of Examination**

Min. Pass Marks: 18

Max. Marks: 50

	Bifurcation of Marks	Time
Written test	24	3 hrs.
Field Survey and Viva voce	10+04	2.5 hrs.
Record and Viva Voce	08+04	

N.B. 1. There shall be 6 questions in written paper selecting at least two questions from each Section/Unit. Candidates are required to attempt 3 questions selecting 1 question from each Section/Unit. All question carries equal marks. Each practical batch of 40 students will be allotted a teaching of 4 hours per week for practical's.

SYLLABUS

Unit – I

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

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

Weather maps: weather symbols, representation of atmosphere features, interpretation of Indian daily weather maps (July and January), weather instruments.

Unit - II

Methods of showing different relief features: hachures, hill shading, bench mark, spot height, formlines, contours and drawing of cross Section/Units (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.

Unit - III

Surveying: meaning, classification and significance.

Chain and tape surveying: open and closed traverse.

Recommended Readings:

1. चौहान, पी.आर. 2008: प्रयोगात्मक भूगोल। वसुन्धरा प्रकाशन, जयपुर।
2. भार्मा, जे.पी. 2011: प्रयोगात्मक भूगोल की रूपरेखा। रस्तोगी पब्लिकेशन, मेरठ।
3. Singh, L.R. 2006: Practical Geography. Prayag Pustak Publisher, Allahabad, U.P.
4. Monkhouse, F.J. and Wilkinson, F.J. 1985: Maps and Diagrams. Methuen, London.
5. Singh, R.L. and Singh Rana P.B. 1991: Elements of Practical Geography. Kalyani Publishers, New Delhi.
6. Sarka, A.k. 1997: Practical Geography: A Systematic Approach. Orient Longman, Kolkata.
7. Venkatrameiah, C. 1997: A Text Book of Surveying. University Press. Hyderabad.

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**PANDIT DEENDAYAL UPADHYAYA SHEKHAWATI
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SYLLABUS FOR THE SESSION 2022-2023 (MAIN EXAMINATION-2023)

B.A. PART-I

STATISTICS

Scheme:	Duration	Max. Marks		Min Pass Marks	
		Sc.	Arts	Sc.	Arts
Paper-I	3 hrs.	50	65	18	24
Paper-II	3 hrs.	50	65	18	24
Practical	3 hrs.	50	70	18	24
Total		150	200	54	72

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

Important concepts of Probability: Random experiment: Trial, Events and their types. Definitions of probability. Sample point and sample. Space. Axiomatic Approach of Probability and its Properties. Addition and Multiplication theorems of probability. Conditional Probability. Bayes theorem and its Applications (Simple Problems Only). **18 hours**

Unit-II

Random Variable: Definition with Illustrations, Types of Random Variables. Probability Mass Function, Probability Density Function. Distribution Function and its properties. Joint Probability Distribution. Marginal and Conditional Probability Distribution and density functions (Continuous and Discrete Cases). Chebychev's Inequality and its applications. **18 hours**

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Unit-III.

Mathematical Expectation: Expectation of a random variable and its simple properties. Addition and Multiplication Theorems of Expectation. Conditional Expectation. Definition of Variance and Covariance and properties. Raw and Central Moments. Moment Generating Function and their properties.

18 hours.

Unit-IV

Univariate Discrete Distributions and their proper 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

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, frequency curve and ogives.

18 hours.

Unit-II

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

18 hours

Unit-III

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

18 hours

Unit-IV

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

18 hours.


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Unit-V

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

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.
3. Computation for Marginal and Conditional Distributions.
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.
10. Construction of Difference table.
11. Interpolation Problems based on Newton and Langrange's Formulae.


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B.A. PART-I PSYCHOLOGY

SCHEME OF EXAMINATION :

Faculty		Max. Marks	Min. Passing Marks	
Arts		200	72 (Th.54 Pr.18)	
Science		150	54 (Th.36 Pr.18)	
Paper	Nomenclature	Duration	Max. Marks	
			Arts	Science
I	Basic Psychological Processes	3 Hrs.	75	50
II	Social Psychology	3 Hrs.	75	50
III	Practical	3 Hrs.	50	50

NOTE :-

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:-

ARTS			
Section	No. of Questions	Marks	Total
A	10	1.5	15
B	5 (Out of 7)	03	15
C	3 (With internal choice)	15	45
Total Marks			75
SCIENCE			
Section	No. of Questions	Marks	Total
A	10	01	10
B	5 (Out of 7)	02	10
C	3 (With internal choice)	10	30
Total Marks			50

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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.
2. Biological Basis of Behavior: The Nervous System-Structure and Functions of Neuron. Structure and Functions of Central Nervous System and –Peripheral Nervous System.
3. Sensation and Perception: Sensation- Meaning, Sensory Receptors, Sensory Thresholds, Habituation and Sensory Adaptation. Perception- Meaning, Constancies- Size, Shape and Brightness, Gestalt Principles, Factors Influencing Perception.

Section-B

4. Learning: Definition and Theories- Classical Conditioning, Operant Conditioning, Cognitive Learning, Observational Learning.
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.
6. Motivation and Emotion: Motivation - Meaning and Approaches- Instinct, Drive—reduction, Arousal, Incentive and Humanistic. Emotion- Elements: Physiology, Expression and Subjective Experience; Theories- Cannon-Bard, James-Lange, Schachter-Singer, Opponent-Process.

Section-C

7. Cognition: Thinking- Mental Imagery and Concepts; Problem Solving- Trial and Error, Algorithms, Heuristics, Insight; Barriers to Problem Solving.
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.


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Section-A

1. Introduction: Meaning, Nature, Scope and Goals of Social Psychology. Methods of Social Psychology: Experimental and Non-Experimental Methods.
2. Social Perception and Person Perception: Social Perception- Meaning and Nature; Perceptual Defense, Perceptual Accentuation and Subliminal Perception. Person Perception: Meaning and Nature, Role of Non-verbal Cues; Perceivers' Characteristics and Role of Ongoing Interaction.
3. Attitudes: Nature, Functions, Formation, Change and Measurement.

Section-B

4. Prejudice and Discrimination: Nature and Origin; Reduction of Prejudice and Discrimination.
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

7. Communication: Meaning, Nature and Types: Verbal and Non-verbal; Barriers in Communication.
8. Pro-Social Behavior: Personal, Situational and Socio-Cultural Determinants. Explaining Pro- Social Behavior: Empathy, Altruism Hypothesis, Negative-State Relief Model, Emphatic-Joy Hypothesis and Genetic-Determinism Model.
9. Aggression and Social Problems: Aggression- Theories, Determinants, Prevention and Control; Social Problems - Meaning and Nature; Types of Social Problems - Poverty, Deprivation, Population Explosion, Economic Development; Solutions to Social Problems.

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Practical

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

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UNIVERSITY, SIKAR**

B.A. Part -I

PHYSICAL EDUCATION (ONLY FOR REGULAR STUDENTS)

B.A Part-1st Physical Education course shall consist of two theory paper carrying 60 marks each (Total 120 Marks) Practical examination carrying 80 marks (Two games & sports 40 marks each). A candidate shall require 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, candidate are required to answer one question from each unit.

PAPER-I

HISTORY OF PHYSICAL EDUCATION

Duration: 3 hrs.

Max. Marks: 60

Minimum Pass Marks: 22

Unit-I

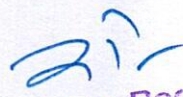
1. Definition of physical Education: Need importance, Misconception about physical Education.
2. Principles of Physical Education
3. Aims & Objective of Physical Education
4. Scope of Physical Education
5. Career option in Physical Education

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.
3. Rajasthan State Sports Council, Function, Aims & objection.
4. Arjun Awards, Dronacharya Awards, Maulans Abdul Kalam Azad trophy, National Sports Scholarship, Dhyan Chand and Guru Vashist Award


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Unit-IV

1. Modern Olympic Games: Start of Olympics
2. Objectives of Olympic, Olympic mascot
3. Olympic motto and flag.
4. Olympic Charter opening and Closing.
5. Indian Olympic Association, International Olympic Committee.
6. Ancient Olympic, differentiate Ancient and modern Olympic.

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Unit-V

1. Contribution of the growth of Physical Education by leaders & Movements.
2. National Physical Efficiency Drive.
3. All India council of Sports.
4. Turnverein Movement. Y.M. C.A. and Its contribution Physical Education in U.S.S.R. the spartakiad.
5. Contribution in India; G.D. Sondhi; Rajkumari Amrit Kaur, B.P. De Coubertin, Dr. P.M. Joseph; Shri H.C. Buck; Prof. Karan Singh; Prof. Ajmer Singh; Asian Games, SAF Games, National Games, Winter Olympic, Para Olympic

Paper-II

FOUNDATIONS OF PHYSICAL EDUCATION

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

Duration: 3 hrs.

Max. Marks: 60

Minimum Pass Marks: 22

Unit-I

Biological Foundation

1. Heredity & Environment & its effect
2. Stages of growth & Development.
3. Principles of growth and development, factor effecting growth & development.
4. Difference between growth & development, Difference 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.
4. Learning, Learning theories; Law of learning, transfer of learning.

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- 5. Psychological factors effecting sports performance.
- 6. Personality, its dimension and type, role of sports in personality development.

Unit-III

Philosophical Foundations:

- 1. Idealism and Physical educations
- 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.

PRACTICAL (GAMES AND SPORTS)

The Practical examination shall be conducted by a panel of two examiners to be appointed by the University.

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

- 1. Four period for theory
 - (i) 1st Peper
 - (ii) 2nd Paper
- 2. Four period for practical work
 - (i) Athletics: two periods
 - (ii) Games: Two periods
 (This shall carry 80 Marks)

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