

Bachelor of Arts. (B.A.-I)

Part - I

For.

2014 Exam

1219

1. सामान्य हिन्दी

समय 3 घंटे

न्यूनतम उत्तीर्णांक : 36

पूर्णांक : 100

नोट :- 36 से कम आने वाले छात्रों को उत्तीर्ण नहीं किया जाएगा। इस प्रश्न पत्र 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 भाग के लिए 26 अंक निर्धारित हैं। इस प्रकार साहित्य खण्ड कुल 52 अंकों का होगा जिसमें अंकों का विभाजन निम्न प्रकार होगा-

- | | |
|---|----------|
| (क) गद्य भाग से दो व्याख्याएँ, प्रत्येक 6 अंक | = 12 अंक |
| (ख) गद्य भाग पर दो प्रश्न, प्रत्येक 7 अंक | = 14 अंक |
| (ग) पद्य भाग से दो व्याख्याएँ प्रत्येक 6 अंक | = 12 अंक |
| (घ) पद्य भाग पर दो प्रश्न, प्रत्येक 7 अंक | = 14 अंक |

व्याकरण खण्ड कुल 48 अंकों का होगा जिसमें अंकों का विभाजन निम्न प्रकार होगा-

- | | |
|--------------------------|----------|
| (i) निबन्ध | = 12 अंक |
| (ii) संक्षेपण | = 4 अंक |
| (iii) लोकोक्ति, मुहावरे | = 4 अंक |
| (iv) शुद्धीकरण | = 8 अंक |
| (शब्द शुद्धीकरण, 4 अंक) | |
| (वाक्य शुद्धीकरण, 4 अंक) | |
| (v) पारिभाषिक शब्द | = 4 अंक |
| (vi) पल्लवन | = 4 अंक |
| (vii) पत्र | = 4 अंक |
| (viii) शेष व्याकरण | = 8 अंक |

1. साहित्य खण्ड : गद्य-पद्य की निर्धारित रचनाएँ।

(i) गद्य भाग :- निम्नांकित पाठ निर्धारित हैं-

1. एक दुराशा :- बाल मुकुन्द गुप्त : निबन्ध (व्यंग्य विनोद)
2. शिरीष के फूल :- हजारी प्रसाद द्विवेदी - ललित निबन्ध
3. हरी हरी दूब और लाचार क्रोध :- कु. ना. राय - ललित निबन्ध
4. सिस्तर का वास्ते :- महादेवी वर्मा - रेखाचित्र
5. महाराजपुर से ग्वारी घाट :- अमृतलाल बेगड़ - यात्रा वृत्तान्त
6. इंसपेक्टर मातादीन चांद पर :- हरिशंकर परसाई - व्यंग्य
7. उजाले के मुसाहिब :- विजयदान देथा - कहानी
8. मैं और मैं :- कन्हैया लाल मिश्र प्रभाकर - रिपोर्टाज

9. ब्रह्माण्ड को टटोलता हुआ सुपर जीनियस :- दिनेश रावत – वैज्ञानिक निबन्ध

10. बलवान से भिड़न्त :- गांधी जी की आत्मकथा से।

(ii) पद्य भाग :- निम्नांकित कविताएँ निर्धारित हैं-

1. मैथिलीशरण गुप्त :- भूलोक का गौरव – अमल आभास में (भारत-भारती से)
2. सुमित्रानंदन पंत :- बापू तथा प्रथम रश्मि
3. सूर्यकान्त त्रिपाठी निराली :- जागों फिर एक बार तथा तोड़ती पत्थर
4. रामधारी सिंह दिनकर :- हिमालय के प्रति तथा बोधिसत्व
5. हरिवंश राय बच्चन :- पथ की पहचान तथा लहरों में निमंत्रण
6. केदारनाथ अग्रवाल :- जब जब मैंने उसको देखा तथा यह धरती उस किसान की
7. सुभद्रा कुमारी चौहान :- झाँसी की रानी तथा प्रभु तुम मेरे मन की जानों
8. भगवती प्रसाद मिश्र :- गीतफरोश तथा सतपुड़ा के घने जंगल
9. नागार्जुन :- कालिदान के प्रति तथा प्रेत का बयान
10. ताराप्रकाश जोशी :- आ रे आ बादल तथा प्राणों में यदि पाहुन होते।

2. व्याकरण खण्ड :- निबन्ध, संक्षेपण, पल्लवन, पारिभाषिक शब्दावली (मानविकी विज्ञान और वाणिज्य से सम्बन्धित) लोकोक्ति, महावर्ण, शुद्धीकरण, पत्र लेखन, प्रतिवेदन, उपसर्ग, प्रत्यय, पर्याय, विलोम, अनेकार्थी शब्द, समश्रुत और अनेक शब्दों के लिए एक शब्द।

GENERAL ENGLISH

~~2013-14~~ 2014

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 Vocabulary (10 periods) (20 marks)

- | | |
|-------------------------------------|------|
| I Transcription of Phonetic Symbols | (05) |
| II Word Stress | (05) |
| III Synonyms and Antonyms | (05) |
| IV Word formation-Prefix, Suffix | (05) |

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

- | | |
|----------------------------------|------|
| I Transformation of Sentences, | (05) |
| a. Direct and Indirect Narration | |
| b. Active and Passive Voice | |

c. Interchange of Degrees of Comparison

II Modals	(05)
III Sequence of Tenses	(05)
IV Elements of a Clause	(05)

(as discussed in Quirk and Greenbaum)

Unit C: Comprehension
(25 periods)

(30 marks)

Following Essays and Stories in *Essential Language Skills* revised edition compiled by Macmillan for University of Rajasthan General English B. A. /B. Com./B. Sc.

William Blake	The Little Black Boy
Sujata Bhatt	Voice of the Unwanted Girl
Lewis Carroll	A Mad Tea Party
Ruskin Bond	Night Train for Deoli
M.K. Gandhi	The Birth of Khadi
J.L. Nehru	A Tryst with Destiny
Martin L. King Jr.	I have a Dream
A.P.J. Abdul Kalam	Vision for 2020

Five questions to be answered out of eight short answer questions of 4 marks each based on 8 units of the prescribed text. (20 marks)

Five questions to be answered out of eight short answer questions of 2 marks each based on **any One of the Two selected passages** from the Prescribed Text. (10 marks)

Unit D: Compositional Skills (30 marks)
(15 periods)

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

Recommended Reading:

1. Sasikumar, V., Dutta and Rajeevan, A Course in Listening and Speaking-I Foundation Books. 2005.
2. Sawhney, Panja and Verma eds. English At the Workplace, Macmillan 2003.
3. Singh, R.P. Professional Communication. OUP. 2004
4. Judith Leigh. CVs and Job Applications. OUP. 2004
5. Arthur Waldhorn and Arthur Zeiger, English Made Simple. Upa and Co.
6. Gunashekar ed. A Foundation English Course for Undergraduates. Book I, CIEFL, Hyderabad.
7. Quirk and Greenbaum: A University Grammar of English Longman, 1973

3. ENVIRONMENTAL STUDIES

Max. Marks 100 2 Hrs. Duration Min. Pass Marks 36
Paper will have only 100 multiple choice questions to be evaluated on O.M.R. Sheet. These O.M.R. Sheets will be evaluated by authorised Computer firm of the University.

Unit-I : The Multidisciplinary nature of environmental studies

Definition, scope and importance (2 hours)

- Need for public awareness.

Unit 2 : Natural Resources

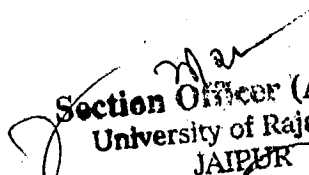
Renewable and non-renewable resources :

Natural resources and associated problems.

- (a) Forest resources : Use and over-exploitation, deforestation case studies. Timber extraction, mining, dams and their effects on forest and tribal people.
 - (b) Water resources : Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits and problems.
 - (c) Mineral resources : Use and exploitation, environmental effects of extracting and using mineral resources, case studies.
 - (d) Food resources : World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer pesticide problems, water logging, salinity, case studies.
 - (e) Energy resources : Growing energy need, renewable and non renewable energy sources, use of alternate energy sources, Case studies.
 - (f) 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. (12 hours)

Unit- 3 : Ecosystems

- Concept of an ecosystem.
- Structure and function of an ecosystem.
- Producers, consumers and decomposers.
- Energy flow in the ecosystem.
- Food chains, food webs and ecological pyramids.
- Introduction, types, characteristic features, structure and function of the following ecosystem :
 - (1) Forest ecosystem


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(2) Grassland ecosystem

(3) Desert ecosystem

(4) Aquatic ecosystem (ponds, streams, lakes, rivers, oceans, estuaries)

(8 hours)

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, esthetic and option values.
- Biodiversity at global, National and local level.
- India as a mega-diversity nation.
- Hot-spot of biodiversity.
- Threats to biodiversity : habitat loss, poaching of wildlife, man wildlife conflicts.
- Endangered and endemic species of India.
- Conservation of biodiversity : In-situ and Ex-situ conservation of biodiversity.

(10 hours)

Unit-5 Environmental Pollution

Definition

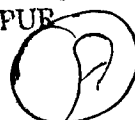
- Causes, effects and control measures of :
 - (a) Air pollution
 - (b) Water pollution
 - (c) Soil pollution
 - (d) Marine pollution
 - (e) Noise pollution
 - (f) Thermal pollution
 - (g) Nuclear hazards
- Solid waste Management : Causes, effects and control measures of urban and industrial wastes.
- Disaster management : floods, earthquake, cyclone and land slides.

(10 hours)

Unit 6 : Social Issues and the Environment

- 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 solutions.
- Climate change, global warming, acid rain, ozone layer depletion nuclear accidents and holocaust. Case studies.
- Wasteland reclamation.

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- Consumerism and waste product.
- Environmental Protection laws in India.
- Population growth, variation among nations.
- Population explosion-Family Welfare Programme.
- Environment and human health.

(8 hours)

~~Examination Pattern : The question paper booklet will contain 100 multiple choice type questions in English and Hindi.~~

~~Answers are to be given by the candidate in OMR Sheet which will be provided to the candidate. Each question will carry one mark.~~

~~The questions will be asked from the entire syllabus.~~

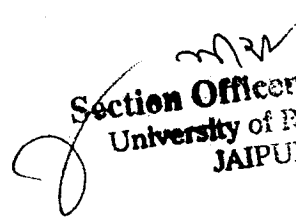
References :

1. Agarwal K.C. 2001 Environmental Biology. Nidi Publ. Ltd. Bikaner.
2. Bharucha Erach, The Biodiversity of India, Map in Publishing Pvt. Ltd. Ahmedabad-380013, India, Email : Mapincenet, net (R)
3. Brunner R.C., 1989, Hazardous Waste Incineration, McGraw Hill Inc. 480p
4. Clark R.S. Marine Pollution, Clarendon Press Oxford (TB)
5. Cunningham, W.P. Cooper, T.H. Gorhani, E & Hepworth, M.T. 2001, Environmental & Encyclopedia, Jaico Publ. House, Mumbai, 1196p
6. De A.K. Environmental Chemistry, Wiley Eastern Ltd.
7. Down to earth, Centre for Science and Environment (R)
8. Gleick, H.P. 1993, Water in crisis, Pacific Institute for Studies in Dev., Environment & Security. Stockholm Env. Institute. Oxford Univ. Press, 473 p.
9. Hawkins R.E., Encyclopedia of Indian Natural History, Bombay Natural History Society, Bombay (R)
10. Heywood, V.H. & Watson, R.T. 1995. Global Biodiversity Assessment. Cambridge Univ. Press 1140 p.
11. Jadhav, H & Bhosale, V.M. 1995. Environmental Protection and Laws. Himalaya Pub. House, Delhi 284 p.
12. Mckinney, M.L. & Schoeb, R.M. 1996. Environmental Science systems & Solutions, Web enhanced edition. 639 p.
13. Mhaskar A.K. Matter Hazardous, Techno-Science Publication (TB)
14. Miller T.G Jr. Environmental Science, Wadsworth Publishing Co. (TB)
15. Odium, E.P. 1971. Fundamental of Ecology, W.B. Saunders Co. USA 574 p.


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16. Rao M.N. & Datta, A.K. 1987. Waste Water treatment Oxford & IBH Publ. Co. Pvt. Ltd. 345p.
17. Sharma B.K., 2001 Environmental chemistry. Goel Publ. House, Meerut.
18. Survey of the Environment. The Hindu (M)
19. Townsend C., Harper, J, and Michael Begon, Essentials of Ecology, Blackwell Science (TB).
20. Trivedi R.K. Handbook of Environmental Laws, Rules, Guide lines, Compliances and Standard, Vol I and II, Enviro Media (R)
21. Trivedi R.K. and P.K. Goel, Introduction to air pollution Techno-Science Publication (TB).
22. Wagner K.D. 1998. Environmental Management. W.B. Saunders Co. Philadelphia, USA 499 p,
(M) Magazine
(R) Reference
(TB) Textbook


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4. ELEMENTARY COMPUTER APPLICATIONS

Theory : Max. Marks 60

Practical : Max. Marks 40

Workload : Four Periods/Three hours per week

Question paper for Elementary Computer Applications, Compulsory Paper (common for B.A./B.Sc./B.Com. Part I) be so set that it has 120 multiple choice questions (bilingual) of $\frac{1}{2}$ mark each. The question paper will be of the duration of 2 hours. The examinees will have to give their answers on OMR Sheet only to be provided by the University whose evaluation will be done based on OMR Scanning Technology. Further the practical examination for this paper will be of 40 marks and its duration will be of two hours.

The workload for this paper will now be as follows :

Theory Paper : Four Periods/Three Hours per week.

Practical : Three Periods/Two Hours per week.

Unit-1 : Introduction to Computers and Related Terminology (Basic information only).

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

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- (b) **Software** : Introduction to Programming, Languages, System Software (Operating systems and Utilities), Application Software (Word Processors, DBMS, Presentation Graphics, Browsers, Personal Information Managers) Introduction to Multilingual Word-processors.
- (c) **Communications and Connectivity** : Data Communication systems, Data Transmission (Serial, Parallel, bandwidth, Protocols), E- mail, FAX, Voice and Video massaging, Video Conferencing. Online Services, user connection (types), Networking of Computers (Node, Client, Serve, LAN, WAN), Using the network, The internet and the Web.

Unit-2 : Operating System

(Working knowledge at Common Users Level Only)

1. Overview of important DOS commands. Windows 98 : Installation, Scandisk, Control Panel, Taskbar, Toolbars, Display, Settings (Background, Wallpaper, Screensaver, Desktop Themes). Files and Folder management, Window Explorer, Finding Files and Folders, Formatting Disks and Copying files, Printer Settings, Modem Installation, Mouse Installation, Adding and Removing Programs, Active Desktop Concepts, Winzip and its applications, Norton Antivirus and its use, Use of Calculator, Paintbrush, sinamp, MPEG Player and Windows Help.

Unit-3 : Application Software

(Working knowledge at Common Users Level only)

- (a) Word Processing, Software MS Word, Entering, Editing and Formatting Text, Document Formats, (Page Size and Orientation, Headers and Footers, Columns and Sections, Page layout), Spelling and Grammar Checkers, Thesaurus, Find the Replace, Cut and Paste, Tables and Formatting tables, Mail Merge, Styles and Templates.
- (b) Spreadsheet Program-MS Excel
Entering data, Labels, Values, Dates, Formulas, Cell references, Formats, Functions, Templates, Charts and Maps, Analyzing data in a spreadsheet.
- (c) DBMS-Microsoft Access
Database, Entering data into the database. Creating Database tables, editing data. Viewing Records, Sorting records. Querying a database, generating reports.

Unit-4 : The Internet and Online Resources

(Working knowledge at Common Users Level Only)

1. How the Internet work, Introduction to TCP/IP, IP and DNS address. Features of the Internet (E-mail, News, Telnet, FTP, Chart, Channel, WWW, Online Services Bulletin Board Serv-

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necting to a PC to the Internet (Setting Dial up and Internet connection Wizard), Overviews o Internet Explorer 5 and features therein, use of search engines, surfing, creating and Use of E-mail, Awareness about e-commerce and its advantages.

Practical

Max. Marks 40.

Workload : Four Period// Three hours per week.

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

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

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

Condidectes are registerd to attempt any three exercises on of above maintend four exercises.


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5. प्रारम्भिक हिन्दी

(in lieu of Compulsory subject of General Hindi for foreign nationals and the students belonging to Non-Hindi speaking areas).

पूर्णांक : 100

समय 3 घण्टे

न्यूनतम उत्तीर्णांक : 36

अंकों का विभाजन

- | | |
|--------------------------------|--------|
| 1. पुस्तकों पर आधारित प्रश्न | 50 अंक |
| 2. व्याकरण से सम्बन्धित प्रश्न | 24 अंक |
| 3. रचना से संबंधित प्रश्न | 26 अंक |
| (क) लोकोक्तियाँ मुहावरे | |
| (ख) पत्र लेखन अथवा निबन्ध | |

पाठ्यक्रम

1. गद्य संग्रह
2. व्याकरण : शब्द विचार, वाक्य विन्यास, वाक्य खण्ड, पद क्रम का ज्ञान तथा इनमें होने वाली सामान्य त्रुटियों का ज्ञान।
3. (क) मुहावरों एवं लोकोक्तियों का प्रयोग, वाक्यों में रिक्त स्थानों की पूर्ति, समान दिखने वाले शब्दों का अर्थ भेद अथवा वाक्यों में प्रयोग।
(ख) पत्र लेखन अथवा निबन्ध।

पाठ्य पुस्तकें

1. गद्य-संग्रह-राष्ट्रीय गौरव के चिन्ह-डॉ. हरिकृष्ण देवसरे
प्रकाशक-नेशनल पब्लिशिंग हाउस, नई दिल्ली-2

व्याकरण एवं रचना

1. आधुनिक हिन्दी व्याकरण तथा रचना-लेखक-कृष्ण विक

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ENGLISH LITERATURE

~~2011-12~~

BA Part I

The Syllabus aims at achieving the following objectives:

1. Interpretation and appreciation of selected texts from the genres of poetry, drama, prose and fiction.
2. Strengthening skills of note making, summarizing and dialogue writing.
3. Understanding texts with specific reference to genres, forms and literary terms.

Paper I: Poetry and Drama

Maximum Marks: 100

Duration: 3 hrs

Min. Pass Marks: 36

Question No. 1: References to Context from unit A, B & C.

Candidate will be required to explain **four (4)** passages of Reference to Context out of **Eight (8)** of five marks each, with a total of **20 Marks**.

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

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

SECTION A

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

W. Shakespeare:

1. Shall I Compare Three
2. Not Marble, nor the Guided monuments
3. The Marriage of the True Minds

J. Donne:

1. Goe and Catche a Falling Starre
2. The Sunne Rising

J. Milton:

1. On His Blindness
2. On His Twenty Third Birthday

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

SECTION B

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

Kabir

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

Rabindra Nath Tagore

1. Where The Mind is Without Fear

Toru Dutt

1. The Lotus
2. Our Casuarina Tree

Sarojini Naidu

1. Indian Weavers
2. Song of Radha, the Milkmaid

Aurobindo

1. The Pilgrim of the Night

SECTION C

W. Shakespeare: Merchant of Venice

Recommended Reading:

1. Trevelyn: *A Social History of England.*
2. Boris Ford ed: *Pelican Guide to English Literature.*

Paper II: Prose and Fiction

Maximum Marks: 100

Duration: 3 hrs

Min. Pass Marks: 36

Question No. 1: References to Context from unit A & B only.

Candidate will be required to explain **four (4)** passages of Reference to Context out of **Eight (8)** of five marks each, with a total of **20 Marks**.

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

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

SECTION A

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

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

SECTION B

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

1. **K. Mansfeild:** A Cup of Tea
2. **R. Tagore:** Living or Dead
3. **H.H. Munro (Saki):** The Open Window
4. **R.K. Narayan:** The Gateman's Gift
5. **E. Hemingway:** Old Man at the Bridge

6. **George Orwell:** *Animal Farm*

SECTION C

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

1. **Unit 2:** Language and Culture
2. **Unit 6:** From Picture to Prose
3. **Unit 7:** Writing with a Purpose
4. **Unit 9:** Talking on the Telephone

Recommended Reading:

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

2. स्नातक पाठ्यक्रम : हिन्दी साहित्य

बी.ए. प्रथम वर्ष : प्रथम प्रश्नपत्र

(हिन्दी काव्य-1) परीक्षा योजना

पूर्णांक 100

अवधि : 3 घण्टे

1. खण्ड 'क' के अन्तर्गत निर्धारित पाठ्यांशों में दिये गये तीन (03) अंशों का पाठ-विश्लेषण -सांस्कृतिक, समाजशास्त्रीय एवं साहित्यिक परिप्रेक्ष्य में (आन्तरिक विकल्प देय)
3×8=24 अंक
2. खण्ड 'क' में उल्लिखित कवियों पर (काव्य-कला, भाव-व्यंजना, रचना के महत्त्व आदि पर) दो विवेचनात्मक/आलोचनात्मक प्रश्न (आन्तरिक विकल्प देय) : शब्द-सीमा 500 शब्द
2×20=40 अंक
3. खण्ड 'ख' से दो लघूत्तरात्मक प्रश्न (तीन में से कोई दो) (शब्द-सीमा 150 शब्द) पूछे जायेंगे
2×6=12 अंक
तथा चार अतिलघूत्तरात्मक प्रश्न (शब्द सीमा 25 शब्द, कोई विकल्प नहीं) पूछे जायेंगे।
4×2=8 अंक
4. खण्ड 'ग' में उल्लिखित रचनाकारों/रचनाओं के परिचय/महत्त्व/विशेषता आदि पर दो लघूत्तरात्मक प्रश्न (तीन में से कोई दो प्रश्न) (शब्द सीमा 150 शब्द) पूछे जायेंगे।
2×6=12 अंक

तथा दो अतिलघूत्तरात्मक प्रश्न (शब्द-सीमा 25 शब्द, कोई विकल्प नहीं) पूछे जायेंगे।

2×2=4 अंक

क. निर्धारित पाठ्यांश

1. कबीरदास :

‘कबीर ग्रंथावली’ : सम्पादक श्यामसुन्दर दास : गुरुदेव कौ अंग, सुमिरन कौ अंग और विरह कौ अंग एवं ‘कबीर ग्रंथावली’ के प्रथम दस पद।

2. सूरदास :

सम्पादक डॉ. धीरेन्द्र वर्मा, (कुल 20 पद : विनय तथा भक्ति-2, 10, 21, 23, 25 गोकुल-लीला-19, वृन्दावन लीला-13, 42,, राधा-कृष्ण-2, 63, 106, मथुरा गमन-58,68,93, उद्धव संदेश-2,55,95,125,187 और द्वारकाचरित-50वां पद)

3. तुलसीदास:

‘तुलसी ग्रंथावली’ (मानसेतर एकादश ग्रंथ) नागरी प्रचारिणी सभा, काशी (10 पद एवं 08 सवैया कुल 18 : गीतावली: (बालकाण्ड-23), (अयोध्या काण्ड-54, 62, 87), (लंकाकाण्ड-7), विनयपत्रिका : 105, 162, 172, 174, 198), कवितावली: (अयोध्या काण्ड-11, 12 13, 18, 19, 20 और 22वां पद)।

4. मीरा:

‘मीरां मुक्तावली’ : सम्पादक नरोत्तम स्वामी : प्रारम्भ के 25 पद।

5. बिहारी:

‘बिहारी सार्धशती’ : सम्पादक डॉ. ओमप्रकाश: प्रारम्भ के 25 दोहे।

6. धनानन्द:

‘धनानन्द कवित्त’ (प्रथम शतक): सम्पादक आचार्य विश्वनाथ प्रसाद मिश्र: (कुल 20 छन्द) : 2, 3, 4, 5, 6, 9, 12, 13, 14, 15, 27, 60, 66, 68, 70, 73, 75, 82, 84 और 97वां पद।

7. सूर्यमल्ल मीसण:

‘वीर सप्तसई’ : सं कन्हैयालाल सहल कुल 30 दोहे : 1,5,9 से 30 और 34 से 39वां पद तक।

8. जगन्नाथ प्रसाद रत्नाकर : ‘उद्धव शतक’ (सम्पूर्ण)

ख. आधुनिक पूर्व हिन्दी साहित्य का इतिहास :

प्रमुख इतिहास-ग्रंथ, हिन्दी साहित्य का आरम्भ, काल-विभाजन और नामकरण,

आदिकाल की सामग्री: प्रकृति और प्रामाणिकता की समस्या, आदिकाल: शिवेश और प्रवृत्तियाँ, भक्ति-आंदोलन: उदय के कारण, अखिल भारतीय और अन्तःप्रादेशिक वैशिष्ट्य, महत्त्व, भक्ति सम्बन्धी प्रमुख दार्शनिक सम्प्रदाय, निर्गुण-सगुण भक्ति: स्वरूप, साम्य एवं अन्तर, हिन्दी भक्ति-कविता की विभिन्न धाराएँ, रीति-काव्य: दरबारी संस्कृति, रीतिकाल की अन्तर्वस्तु, प्रमुख प्रवृत्तियाँ, मुख्य धाराएँ-रीतिबद्ध, रीतिसिद्ध और रीतिमुक्त और परम्परा की निरन्तरता।

- ग. निम्नलिखित रचनाकारों/रचनाओं का सामान्य परिचयात्मक अध्ययन—
चन्दबरदाई और 'पृथ्वीराज रासो', नरपति नाल्ह और 'बीसलदेव रासो', अमीर खुसरो, गोरखनाथ, विद्यापति, जाम्भोजी, दादू, रैदास, नानक, नामदेव, रज्जब और 'सर्वगी', ढोला मारू रा दूहा', मुल्ला दाऊद और 'चांदायन', नरोत्तमदास और 'सुदामा चरित', नन्ददास और 'भँवरगीत', देव, सेनापति, पद्माकर, ठाकुर, आलम, सहजोबाई।

बी. ए. प्रथम वर्ष : द्वितीय प्रश्नपत्र

(हिन्दी गद्य-1)

परीक्षा योजना

पूर्णांक 100

अवधि : 3 घण्टे

1. खण्ड 'क-1' से एक (01) तथा खण्ड 'क-2' से दो अंशों का पाठ-विश्लेषण (कुल तीन)-सांस्कृतिक, समाजशास्त्रीय एवं साहित्यिक परिप्रेक्ष्य में (आन्तरिक विकल्प देय) $3 \times 8 = 24$ अंक
 2. खण्ड 'क-1' एवं 'क-2' से एक-एक अर्थात् कुल दो विवेचनात्मक/आलोचनात्मक/वर्णनात्मक प्रश्न (आन्तरिक विकल्प देय) : शब्द-सीमा 500 शब्द $2 \times 20 = 40$ अंक
 3. खण्ड 'ख' से दो लघूत्तरात्मक प्रश्न (तीन में से कोई दो) (शब्द-सीमा 150 शब्द) पूछे जायेंगे। $2 \times 6 = 12$ अंक
तथा चार अतिलघूत्तरात्मक प्रश्न (शब्द-सीमा 25 शब्द कोई विकल्प नहीं) पूछे जायेंगे। $4 \times 2 = 8$ अंक
 4. खण्ड 'ग' में उल्लिखित रचनाकारों/रचनाओं के परिचय/महत्त्व/विशेषता आदि पर दो लघूत्तरात्मक प्रश्न (तीन में से कोई दो प्रश्न) (शब्द सीमा 150 शब्द) पूछे जायेंगे। $2 \times 6 = 12$ अंक
तथा दो अतिलघूत्तरात्मक प्रश्न (शब्द-सीमा 25 शब्द, कोई विकल्प नहीं) पूछे जायेंगे। $2 \times 2 = 4$ अंक
1. उपन्यास—
महाभोज, मन्नू भण्डारी

2. कहानियाँ—

(1) प्रेमचन्द	:	पूस की रात
(2) जयशंकर प्रसाद	:	मधुआ
(3) जैनेन्द्र कुमार	:	खेल
(4) यशपाल	:	करवा का व्रत
(5) अज्ञेय	:	खितीन बाबू
(6) मोहन राकेश	:	मलबे का मालिक
(7) अमरकान्त	:	दोपहर का भोजन
(8) फणीश्वरनाथ रेणु	:	लालपान की बेगम
(9) निर्मल वर्मा	:	बीच बहस में
(10) नासिरा शर्मा	:	सरह. के इस पार
(11) स्वयंप्रकाश	:	नीलकांत का सफर
(12) चित्रा मुद्गल	:	जिनावर

ख. हिन्दी उपन्यास :

प्रेमचन्द के 'पूव' प्रेमचन्द और उनका युग यथार्थवाद का हिन्दी उपन्यास में आविर्भाव, हिन्दी उपन्यास में नायक की बदलती अवधारणा, जैनेन्द्र कुमार और 'त्यागपत्र', प्रसाद की यथार्थ चेतना : 'कंकाल', अज्ञेय और 'शेखर: एक जीवनी', हजारीप्रसाद द्विवेदी और 'बाणभट्ट की आत्मकथा', यशपाल और 'दिव्या', अमृतलाल नागर और 'नाच्यो बहुत गुपाल', आंचलिक उपन्यास और रेणु: 'मैला आँचल', कृष्णा सोबती : 'समय सरगम', श्रीलाल शुक्ल और 'राग दरबारी', मनोहरश्याम जोशी और 'कुरु कुरु स्वाहा', भीष्म साहनी और 'तमस', आखिरी दशक के उपन्यास : 'मुझे चाँद चाहिए', शेष कादम्बरी' और 'विजन'।

ग. हिन्दी कहानी :

आरम्भिक कहानियाँ : गुलेरी, प्रेमचन्द के अनुवर्ती : सुदर्शन, विश्वम्भरनाथ शर्मा कौशिक, अमृतलाल नागर, शिवप्रसाद सिंह, कृष्णा सोबती, धर्मवीर भारती, नयी कहानी : मोहन राकेश, राजेन्द्र यादव, कमलेश्वर, मन्नू भण्डारी, उषा प्रियंवदा, राजी सेठ। साठोत्तर आंदोलन : अकहानी, सचेतन कहानी, समांतर कहानी, समकालीन कहानी-परिदृश्य।

URDU

Scheme :

Min. Pass Marks 72

Paper I : Prose and Drama
Max. Marks 100 **3 Hrs. Duration** **Min. Pass Marks 36**

Books Prescribed :

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

Division of Marks :

Unit I : Explanation of Two Out of Three Prose Texts.	Marks 20
Unit II : Explanation of One Out of Two Drama Text	Marks 20
Unit III : Critical Appreciation of a Prose Writer with Internal Choice	Marks 20
Unit IV : Critical Appreciation of Prescribed Drama with Internal Choice	Marks 20
Unit V : Salient Features of Urdu Drama/ Technique Or Summary of A Prose Lesson	Marks 20
Total : Marks 100	

Note : Attempt at least one question from each unit.

Paper II : Poetry and Rhetories

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) Ghazalyat : Meer, Atish, Ghalib, Aziz and Faiz.
 - (b) Nazmen : Iqbal, Nazeer, Josh and Hali.
2. Jadeed Idemul Balaghat by Abdul Majeed Khan

The following Rhetorics (Sanaya) Only :

1. Tazad, 2. Lafo 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. Ishataqaq.

Division of Marks :

Unit I : Explanation of Two out of Three Passages of Ghazal	Marks 20
Unit II : Explanation of Two out of Three Passages of 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 Defination of Four Rhetoric's with Internal Choice	Marks 20
Total : Marks 100	

B.A. (Pt-I) Persian

Scheme :

Paper-I (Prose)

Max. Marks 200

3 Hrs. Duration

Min. Pass Marks 72

Books Prescribed :

1. Nasra-Pub. By Kitabistan, Allahabad (Only the following lesson is prescribed : Tareekh-e-Tabri By Ali Mohd Bin Balami from Page No. 1 to 12)
2. Farsi Wa Dastoor (Pt.II) By Zahra Khan Leri Published by Idara-i-Adabiyat-e-Delhi (only the following lessons at page No. of the book are prescribed : 2,4,5,8,11,13,14,20,22,23,27,29,30, 35,36,50)
3. Sakhan-e-Nau Published By Educational Book House, Aligarh (only the following lesson at page No. 36 : Sir Sayyed Ahmed Khan By Dairatul Maarif)

Division of Marks :

Unit 1 Explanation of 2 Passages out of 3 from prescribed Text	20
Unit 2 Translation of 2 passages out of 3 from the prescribed Text	20
Unit 3 Biographical questions on prescribed writers	20
Unit 4 Critical questions on prescribed Text	20
Unit 5 Summary of a lesson	20
Total	100

Books Recommended :

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

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

Paper-II-Poetry

Books Prescribed :

1. Farsi Wa Dastoor (Pt. II) By Zahra Khanleri (Only the following lessons at page No : 1,10,19,39,47,51)

Ghazaliyat Aur Manzumat

1. Hafiz
 - (a) Saqia Bar Khez Dar Deh Jam Ra
 - (b) Bahal Bulbul Agar Ba Manat Sare Yareest
 - (c) Dareen Zamana Rafique
 2. Amir Khusro
 - (a) Ye Bad Burqa-Bar-Fagan roo-i-Atish Nak Ra
 - (b) Rasid Bad-i-Saba
 - (c) Ba Khuda Agar Ba Meeram
 3. Sadi
 - (a) Sarmast Agar Darai Alam Baham Baraid
 - (b) Man Chun Tu Badibari Na Deedam
 - (c) Ba Khuda Agar Ba Meeram
2. Prescribed Book for the above three Ghazal of Sadi 'Shera' Pub. By Kitabistan, Allahabad

Syllabus : B.A Part-I

3. Nisab-e-Jadeed Farsi Published By Jayyad Press, Delhi
 - (a) Bahar
 - (i) Husn-e-Niyat
 - (ii) Shad mani-Shair
 - (b) Shaharyar
 - (i) Hala Chara
 - (ii) Bahare Toba Shikan
4. Jadeed Ilmul balaghat By Abdul Majeed Khan (only the following sanaya) :
 1. Tazad 2. Laffo-Nashr 3. Talmeeh 4. Husn-e-Talel 5. Istara 6. Tajahul-i-Arifana 7. Iham 8. Ishtaqaq 9. Mubalgha 10. Tashbeeh

Division of Marks

Unit 1 Extracts two pages out of three from Ghazal	20
Unit 2 Extracts of two pages out of three from Manzoomat	20
Unit 3 Biographical/Critical question on Ghazal writer	20
Unit 4 Biographical/Critical question on Nazm writer	20
Unit 5 Rhetoric's with definition & examples	20
Total	100

ARABIC

Scheme : Max. Marks 200 Min. Pass Marks 72

Paper I : Prose, Translation and History of Arabic Literature :
Max. Marks 100 3 Hrs. Duration Min. Pass Marks 36

Syllabus and Division of Marks :

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

Total Marks : 100

Books Prescribed :

1. Alquiratul Rashidah Part-I Following twenty lessons only : 3, 4, 5, 6, 7, 8, 9, 12, 13, 18, 22, 24, 29, 35, 36, 44, 45, 46, 49, 58.
2. Aliquiratul Reshada-alk-juz ussan, Morattiba Abdul Fath Sabrimwa Ali Umar. The following twenty lessons only : 3, 4, 7, 10, 13, 15, 19, 23, 31, 32, 39, 40, 41, 43, 44, 47, 55, 56, 57 and 58.

Books Recommended :

Arabi Adab Ki Tareikh Kh by Dr. Ebteshamudin Naqvi.

Paper II : Poetry, Translation Grammar and Composition
Max. Marks 100 3 Hrs. Duration Min. Pass Marks 36

Syllabus and Division of Marks :

1. Extracts from Arabic Text Poems into Urdu/English. 40

Syllabus B.A. Part-I

2. Translation of Urdu/English passages into Arabic	20
3. Life Sketch of a Poet.	10
4. Composition	15
5. Grammar	15

Total Marks : 100

Book Prescribed :

Nukhbatul Abab, Murattiba Shoba-e-Arabi.
Muslim University, Aligarh, Ishaat-e-Sani.

The following pages :

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

Grammar : The following topics only.

Illm-ulsarf-wue-nahu, Alfai-al-Shah, Ajfafl-ul-mufssa I, Afa l-
ul-majhool-muzaif, Abwab-ul-failulsalida, Allhad dul-fail, Tafsil,
Mufaaelat, Tafaal, Altafaal, Alfaal. Astaffal, Altamiz Almus tana, Al
sum-ul-mutasarrifa, Ghair-ul-muttasarif, Alismuls-staful-Mafool,
Asma-ul-affal. Afaal,-ul-madanwalzam, Affal-ul-Mazarebat, Alnarf-
ul-qassam. Hurful-nida, Humzatul-wasal-qatta, Altechlul-uenvi.

Book Recommended for Translation

Darial-ul-Adab Udhawwai R. Zafar Iqbal.

संस्कृत

सामान्य निर्देश—

1. प्रत्येक परीक्षा में दो-दो प्रश्न पत्र होंगे।
2. प्रत्येक प्रश्नपत्र में न्यूनतम उत्तीर्णांक 36 तथा पूर्णांक 100 होंगे और समय 3 घंटे होगा।
3. परीक्षा का माध्यम हिन्दी/अंग्रेजी होगा, परन्तु प्रश्नपत्र केवल हिन्दी में बनाया जायेगा। परीक्षार्थी को यह छूट होगी कि हिन्दी, संस्कृत अथवा अंग्रेजी में किसी एक भाषा में उत्तर दे सके। यदि परीक्षक सैं किसी प्रश्न विशेष के लिए भाषा का निर्देश कर दिया है तो उस प्रश्न का उत्तर उसी भाषा में देना अनिवार्य होगा।
4. संस्कृत को केवल देवनागरी लिपि में ही लिखा जाना अपेक्षित है।
5. निर्धारित ग्रन्थ में से अनुवाद, व्याख्या, सरलार्थ एवं समालोचनात्मक प्रश्न पूछे जावेंगे।
6. प्रत्येक प्रश्नपत्र में 10 प्रतिशत अंक संस्कृत भाषा में उत्तर के लिए निर्धारित हैं।
7. प्रत्येक प्रश्नपत्र में दो भाग होंगे, जिसमें प्रथम 'अ' भाग बहुविकल्पीय (वस्तुनिष्ठ) एवं लघूत्तर प्रश्नों का होगा। 'ब' भाग में निबन्धात्मक प्रश्न होंगे। 'अ' भाग में कुल 20

Syllabus B.A. Part-I

प्रश्न होंगे, जिनका पूर्णांक 30 होगा। इनके समाधान हेतु एक घंटे का समय निर्धारित है। 'ब' भाग का हल उत्तर-पुस्तिका में प्रस्तुत करना है, जिसके पूर्णांक 70 हैं तथा कालावधि 2 घंटे निर्धारित है। छात्र (परीक्षार्थी) को परीक्षा प्रारंभ होते ही सर्वप्रथम 'अ' भाग हल करने के लिए दिया जायेगा तथा एक घंटा समाप्त होते ही पुन- संकलित कर लिया जायेगा।

परीक्षा योजना—न्यूनतम उत्तीर्णांक—72

पूर्णांक—200

प्रथम प्रश्न-पत्र	'अ' भाग के लिए 1 घंटा	अंक-30
	'ब' भाग के लिए 2 घंटा	अंक-70
द्वितीय प्रश्न-पत्र	'अ' भाग के लिए 1 घंटा	अंक-30
	'ब' भाग के लिए 2 घंटा	अंक-70

बी.ए. प्रथम वर्ष—प्रथम पत्र—दृश्य एवं श्रव्य काव्य

प्रथम प्रश्न-पत्र के दो भाग होंगे, जिसमें से 'अ' भाग बहुविकल्पीय एवं लघूत्तर प्रश्नों का होगा। 'ब' भाग में निर्धारित ग्रन्थ में से अनुवाद व्याख्या समालोचनात्मक प्रश्न पूछे जायेंगे।

पाठ्यक्रम

1. स्वप्नवासवदत्तम् (भास)	40 अंक
2. नीतिशतकम्	30 अंक
3. रघुवंश प्रथम सर्ग	30 अंक

कुल योग 100 अंक

अंक विभाजन

पाठ्यवस्तु	अ भाग प्रश्न संख्या	अंक	ब भाग प्रश्न संख्या	अंक	अंकों का योग
1. स्वप्नवासवदत्तम्	04 बहुविकल्पीय	04	03	28	12+28=40
	04 लघूत्तरात्मक	08			
2. नीतिशतकम्	04 (बहुविकल्पीय)	04	02	20	10+20=30
	03 (लघूत्तरात्मक)	06			
3. रघुवंश (प्रथम सर्ग)	02 (बहुविकल्पीय)	02	02	22	8+22=30
	03 (लघूत्तरात्मक)	06			
	20	30	07	70	100

प्रश्न-पत्र निर्माता के लिए निर्देश

1. स्वप्नवासवदत्तम् अ भाग	4 बहुविकल्पीय प्रश्न प्रति प्रश्न का 1 अंक निर्धारित हैं।	4 अंक
	4 लघूत्तरात्मक प्रश्न—प्रति प्रश्न 2 अंक निर्धारित हैं।	8 अंक

Syllabus B.A. Part-I

	'ब' भाग	प्रश्न सं. 1-1 में 4 अंकों में से 4 श्लोक पूछकर उनमें से 2 की सप्रसंग व्याख्या अपेक्षित है।	12 अंक
		प्रश्न सं. 2, 5-6 अंकों में से 2 श्लोक पूछकर उनमें से 1 की सप्रसंग व्याख्या संस्कृत में अनिवार्य है।	10 अंक
		प्रश्न सं. 3 दो विवेचनात्मक प्रश्न पूछकर किसी एक प्रश्न का उत्तर अपेक्षित है।	6 अंक
2- नीतिशतकम्	'अ' भाग	4 बहुविकल्पीय प्रश्न प्रति प्रश्न का 1 अंक निर्धारित हैं।	4 अंक
		3 लघूत्तरात्मक प्रश्न-प्रति प्रश्न 2 अंक निर्धारित है।	6 अंक
	'ब' भाग	प्रश्न सं.4-4 पद्य पूछकर 2 पद्यों की सप्रसंग व्याख्या अपेक्षित है।	14 अंक
		प्रश्न सं.5 दो विवेचनात्मक प्रश्न पूछकर किसी एक प्रश्न का उत्तर अपेक्षित है।	6 अंक
3- रघुवंश (प्रथम सर्ग)	'अ' भाग	2 बहुविकल्पीय प्रश्न प्रति प्रश्न का 1 अंक निर्धारित है।	2 अंक
		3 लघूत्तरात्मक प्रश्न-प्रति प्रश्न 2 अंक निर्धारित हैं।	6 अंक
	'ब' भाग	प्रश्न सं.5-4 पद्य पूछ कर 2 पद्यों की सप्रसंग व्याख्या अपेक्षित है।	14 अंक
		प्रश्न सं.6 दो विवेचनात्मक प्रश्न पूछकर किसी एक प्रश्न का उत्तर अपेक्षित है।	8 अंक

सहायक पुस्तकें—

1. स्वप्नवासवदत्तम्—डॉ. कृष्णदेव प्रसाद-जगदीश संस्कृत पुस्तकालय, झालानियों का रास्ता, जयपुर
2. स्वप्नवासवदत्तम्—डॉ. रूपनारायण त्रिपाठी-रचना प्रकाशन, जयपुर।
3. स्वप्नवासवदत्तम्—संस्कृत हिन्दी व्याख्या-डॉ. जगन्नाथ पाण्डेय, जगदीश संस्कृत पुस्तकालय, झालानियों का रास्ता, जयपुर।
4. स्वप्नवासवदत्तम्-डॉ. श्रीकृष्ण ओझा, अभिषेक प्रकाशन, चौडा रास्ता, जयपुर.
5. स्वप्नवासवदत्तम्-डॉ. सुभाष वेदालंकार, संदीपन आर्य अलंकार प्रकाशन, जयपुर

Syllabus B.A. Part-I

6. नीतिशतकम्—डॉ. गोपाल शर्मा, हंसा प्रकाशन, जयपुर
7. नीतिशतकम्—डॉ. एस.के.ओझा, राज. प्रकाशन मंदिर, जयपुर
8. नीतिशतकम्—प्रो. सुभाष वेदालंकार, आचार्य बाबूलाल मीणा, हंसा प्रकाशन, जयपुर।
9. रघुवंश प्रथम सर्ग

द्वितीय पत्र—भारतीय संस्कृति के तत्त्व, पद्य साहित्य, अनुवाद एवं व्याकरण
द्वितीय प्रश्न-पत्र के दो भाग होंगे, जिसमें से 'अ' भाग बहुविकल्पीय एवं लघुत्तर प्रश्नों का होगा। 'ब' भाग में निबन्धात्मक प्रश्न होंगे। शेष निर्देश प्रथम पत्र के समान मान्य होंगे।

पाठ्यक्रम

1. भारतीय संस्कृति के तत्त्व 25 अंक
 - क- भारतीय संस्कृति—विषय, पृष्ठभूमि, विशेषताएँ।
 - ख- भारतीय संस्कृति के विकास की रूपरेखा—पूर्ववैदिक काल, वैदिकोत्तरकाल, मध्यकाल, आधुनिक काल।
 - ग- प्राचीनकाल, राजनैतिक, सामाजिक एवं आर्थिक स्थिति।
 - घ- वर्ण, आश्रम एवं संस्कार।
 - ङ- शिक्षा (वैदिक काल से 7वीं शताब्दी तक)
 - च- लेखन-कला की उत्पत्ति।
 - छ- भारतीय दर्शन की प्रमुख विचारधाराएँ।
 - ज- भारतीय संस्कृति का मानव-कल्याण में योगदान।
2. किरातार्जुनीयम् (प्रथम सर्ग)—भारविकृत 25 अंक
3. अनुवाद (हिन्दी से संस्कृत) 10 अंक
4. व्याकरण-लघुसिद्धांतकौमुदी-संज्ञा एवं संधि-प्रकरण 40 अंक
 - क-संज्ञा प्रकरण (10); ख-अच् संधि (10); ग- हल् संधि (10); घ-विसर्ग संधि (10)

अंक विभाजन

कुल योग 100 अंक

पाठ्यवस्तु	अ भाग प्रश्न संख्या	अंक	ब भाग प्रश्न संख्या	अंक	अंकों का योग
1. भारतीय संस्कृति के तत्त्व	05	10	02	15	10+15=25
2. किरातार्जुनीयम् (प्रथम सर्ग)	05	10	02	15	10+15=25
3. अनुवाद (हिन्दी से संस्कृत)	-	-	01	10	=10

4. व्याकरण (लघुसिद्धांत कौमुदी)

क. संज्ञा प्रकरण बहुविकल्पीय	04	01	06	04+06=10
ख. अच् संधिबहुविकल्पीय	02	01	08	02+08=10
ग. हल् संधिबहुविकल्पीय	02	01	08	02+08=10
घ. विसर्ग संधिबहुविकल्पीय	02	01	08	02+08=10
योग	20	30	09	70
				100

प्रश्न-पत्र निर्माता के लिए निर्देश

1. भारतीय संस्कृति 'अ' भाग 5 लघूत्तरात्मक प्रश्न-प्रति प्रश्न के तत्त्व	2 अंक निर्धारित हैं।	10 अंक
	'ब' भाग प्रश्न सं. 1-2 निबंधात्मक प्रश्न पूछकर किसी एक प्रश्न का उत्तर अभीष्ट है।	10 अंक
	प्रश्न सं. 2-2 विषयों पर टिप्पणी पूछकर किसी एक का उत्तर अभीष्ट	05 अंक
2. किरातार्जुनीयम 'अ' भाग 5 लघूत्तरात्मक प्रश्न। प्रति प्रश्न के 2 अंक (प्रथम सर्ग)	निर्धारित हैं।	10 अंक
	'ब' भाग प्रश्न सं. 3-4 पद्य पूछकर किन्हीं 2 पद्यों की ससंदर्भ व्याख्या पूछी जाये।	10 अंक
	प्रत्येक व्याख्या हेतु 5 अंक निर्धारित।	05 अंक
3. अनुवाद (हिन्दी से संस्कृत)	'ब' भाग प्र.सं. 5-10 वाक्यों में से किन्हीं 5 वाक्यों का संस्कृत में अनुवाद, प्रत्येक वाक्य हेतु 2 अंक निर्धारित।	10 अंक
4. व्याकरण-लघुसिद्धांत कौमुदी		
क. संज्ञा-प्रकरण	'अ' भाग 4 प्रश्न बहुविकल्पीय-प्रति प्रश्न के लिए 1 अंक निर्धारित है।	04 अंक
	'ब' भाग प्रश्न सं. 6-6 सूत्र पूछकर 3 की सोदाहरण व्याख्या अपेक्षित है। प्रति व्याख्या 2 अंक निश्चित हैं।	06 अंक
ख. अच् संधि	'अ' भाग 2 बहुविकल्पीय प्रश्न-प्रति प्रश्न के लिए 1 अंक निर्धारित है।	02 अंक
	'ब' भाग प्रश्न सं. 7 (अ) 4 सूत्र पूछकर किन्हीं 2 की सोदाहरण व्याख्या अपेक्षित है। प्रति व्याख्या 2 अंक निश्चित हैं।	04 अंक

Syllabus B.A. Part-I

प्रश्न सं. 7 (ब) 4 शब्दसिद्धि पूछकर किन्हीं 2 शब्दों की सूत्र निर्देश पूर्वक सिद्धि। प्रत्येक सिद्धि हेतु 2 अंक निर्धारित हैं।	04 अंक
ग. हल् संधि 'अ' भाग 2 बहुविकल्पीय प्रश्न-प्रति प्रश्न के लिए 1 अंक निर्धारित है।	02 अंक
'ब' भाग प्रश्न सं. 8 (अ) 4 सूत्र पूछकर किन्हीं 2 की सोदाहरण व्याख्या अपेक्षित है। प्रत्येक व्याख्या 2 अंक की होगी।	04 अंक
प्रश्न सं. 8 (ब) 4 शब्दसिद्धि पूछकर किन्हीं 2 शब्दों की सूत्रनिर्देशपूर्वक सिद्धि। प्रत्येक सिद्धि हेतु 2 अंक निर्धारित है।	04 अंक
घ. विसर्ग संधि 'अ' भाग 2 बहुविकल्पीय प्रश्न-प्रति प्रश्न के लिए 1 अंक निर्धारित है।	02 अंक
'ब' भाग प्रश्न सं. 9 (अ) 4 सूत्र पूछकर किन्हीं 2 की सोदाहरण व्याख्या अपेक्षित है। प्रत्येक व्याख्या 2 अंक की होगी।	04 अंक
प्रश्न सं. 9 (ब) 4 शब्दसिद्धि पूछकर किन्हीं 2 शब्दों की सूत्रनिर्देशपूर्वक सिद्धि। प्रत्येक सिद्धि हेतु 2 अंक निर्धारित हैं।	04 अंक
कुल योग 100 अंक	

सहायक पुस्तकें—भारतीय संस्कृति

1. भारतीय संस्कृति—बाई.एस. रमेश—रचना प्रकाशन, जयपुर।
2. षोडश संस्कार—डॉ. बोध कुमार झा—रचना प्रकाशन, जयपुर।
3. भारतीय संस्कृति—श्री रामदेव साहू, श्याम प्रकाशन, चौड़ा रास्ता, जयपुर।
4. भारतीय संस्कृति सोपानम्—शिवप्रसाद द्विवेदी—चौखम्बा संस्कृत प्रतिष्ठानम्, दिल्ली।
5. भारतीय संस्कृति के तत्त्व—आचार्य उमेश शास्त्री, अजमेरा बुक कं., त्रिपोलिया बाजार, जयपुर।
6. भारतीय संस्कृति के मूल तत्त्व—डॉ. श्री कृष्ण ओझा, आदर्श प्रकाशन, चौड़ा रास्ता, जयपुर।
7. भारतीय संस्कृति—डॉ. रामजी उपाध्याय, महामनापुरी, वाराणसी।
8. भारतीय सांस्कृतिक निधि—डॉ. रामजी उपाध्याय, महामनापुरी, वाराणसी।
9. भारतीय दर्शन—डॉ. बलदेव उपाध्याय, चौखम्बा प्रकाशन, वाराणसी।

किरातार्जुनीयम्

1. किरातार्जुनीयम् (प्रथम सर्ग)—आचार्य नवल किशोर कांकर, विद्या वैभव भवन, जयपुर।
2. किरातार्जुनीयम् (प्रथम सर्ग)—डॉ. विश्वनाथ शर्मा, आदर्श प्रकाशन, जयपुर।
3. किरातार्जुनीयम् (प्रथम सर्ग)—डॉ. वी.के. वर्मा—प्रकाशक—जमुना पाठक, वाराणसी।
4. किरातार्जुनीयम् (प्रथम सर्ग)—प्रो. सुभाष वेद लंकार—अलंकार प्रकाशन
5. भारवि एंड किरातार्जुनीयम्—एक क्रिटिकल स्टडी संस्कृत, पुस्तक प्रकाशन, कलकत्ता
6. भारवि में अर्थान्तरन्यास—श्री उमाशंकर रस्तोगी, चौखम्बा प्रकाशन, वाराणसी

अनुवाद के लिये

1. संस्कृत रचनानुवाद मंजरी—पं. नंदकुमार शास्त्री, अजमेरा बुक कं., त्रिपोलिया बाजार, जयपुर।
2. रचनानुवाद कौमुदी—डॉ. कपिलदेव द्विवेदी, वाराणसी।
3. रचनानुवाद प्रभा—डॉ. श्रीनिवास शास्त्री, कुरुक्षेत्र।

व्याकरण के लिये

1. लघुसिद्धान्त कौमुदी—डॉ. बसंत जैतली एवं डॉ. राजेश कुमार, जगदीश संस्कृत पुस्तकालय, जयपुर।
2. लघुसिद्धान्त कौमुदी—श्री महेश सिंह कुशवाहा, चौखम्बा संस्कृत प्रतिष्ठान, दिल्ली।
3. लघुसिद्धान्त कौमुदी—श्री धरानन्द शास्त्री, मोतीलाल बनारसीदास, दिल्ली।
4. लघुसिद्धान्त कौमुदी—भीमसेन शास्त्री।
5. लघुसिद्धान्त कौमुदी—विश्वनाथ शास्त्री, मोतीलाल बनारसीदास, दिल्ली।

PHILOSOPHY

Scheme :

B.A. Part-I

Two Papers

Min. Pass Marks 72

Max. Marks 200

Paper I

3 hrs. duration

Max. Marks 100

Paper II

3hrs. duration

Max. Marks 100

General Instructions:

- (1) There shall be two question papers: Paper I and Paper II.
- (2) Both the question papers will be in two parts: Part I & Part II
- (3) Part I of the question paper will be of 40 marks in total. This part will consist of two compulsory questions, with 20 marks each, and shall be answered in the question paper itself. These questions will cover the whole Syllabus and there will be no unit wise division of the questions asked in this part.

Syllabus B.A. Part-I

- (4) The first question of part I will have twenty multiple choice questions in total. Examiner can also ask one word-type questions. In this case the ratio of the multiple choice question & one word type question must be 14:6. Student will write one word answer of one word question in the space provided below the question. Each question will be of one mark.
- (5) The second question of the part I of the question paper will have 10 questions in total. Each question will be of two marks and the answer of each question must not be more than twenty words. Students will be required to answer these questions in the space given below the question. Marks may be deducted if the word limit of the answer exceeds.
- (6) Part II of the question paper will be of 60 marks. If syllabus (course contents) of a paper is divided into two units i.e. Unit A and Unit B, then in this part of the question paper six questions will be asked in total: three questions from each unit. Student will be asked to attempt three questions in total and at least one question from each unit. Each question will be of 20 marks. Students will answer these essay type questions of part II of the question paper, in the answer sheet only.
- (7) 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.

**Paper I : Indian Philosophy
(Total Teaching Hrs.: 90)**

Unit A:

Teaching Hrs.:32

Topics	Division of teaching hrs.
1. Nature of Indian philosophy : plurality as well as common concern.	5

2. Basic concepts of the Vedic and the Upanisadic world-view : Rta (the cosmic order); the divine and the human realms; the centrality of the institution of yajna (sacrifice); Rna (duty/obligation). 5

3. Carvaka school : its epistemology, metaphysics and ethics. 5

4. Jainism : Concepts of sat, dravya, guna, paryaya, jiva, ajiva; 8
anekantavada, syadvada and nayavada; pramanas; ahimsa; bondage and liberation.

5. Buddhism; theory of pramanas. Theory of dependent 9
origination; the Four Noble Truths; doctrine of momentariness; theory of No-Soul. The interpretation of these theories in schools of Buddhism : Vaibhasika, Sautrantika, Yogacara, Madhyamika.

Unit B:

Teaching Hrs.: 35

10

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

2. Vaisesika : padarthas : dravya, guna, karma, samanya, sama 8
vaya, visesa, abhava; causation; asatkaryavada; karana; samavayi, asamavayi, nimitta; paramanuvada; adrsta; nihsreyas.

3. Sankhya : causation : satkaryavada; prakrti : its constituents, 10
nature, evolutes and arguments for its existence; purusa : nature arguments for its existence; plurality of purusas; relationship between prakrti and purusa; kaivalya; atheism.

4. Yoga : citta and citta-vrtti; eightfold path, God. 7

Unit C:

Teaching Hrs.: 23

1. Purva Mimamsa : Thoery of Knowledge theory of self. 6

2. Advaita : nirguna Brahman; adhyasa; of levels 9
vivartavada; maya; three grades of satta; jiva; jivan mukti.

3. Visistadvaita : saguna Brahman; refutation of maya; parinama- 8
vada; aprthaksiddhi; jiva; bhakti and prapatti; rejection of jivanmukti.

Suggested Readings :

- M. Hiriyana : Outlines of Indian Philosophy (Hindi translation available)

Syllabus B.A. Part-I

- C.D. Sharma : A Critical Survey of Indian Philosophy (Hindi translation available)
- S.N. Dasgupta : A History of Indian Philosophy, Vols. I to V (Hindi translation available) Hindi Granth Academy, Jaipur
- S. Radhakrishnan : Indian Philosophy, Vols. I & II (Hindi translation available, Rajkamal, Delhi)
- R.D. Ranade : A Constructive Survey of Upanisadic Philosophy (Hindi translation available, Hindi Granth Academy, Jaipur)
- Datta & Chatterjee : Introduction to Indian Philosophy (Hindi translation available)
- R. Puligandla : Fundamentals of Indian Philosophy
- Daya Krishna : Indian Philosophy : A New Approach, Indian Book Centre, Delhi
- संगम लाल पाण्डे : भारतीय दर्शन का सर्वेक्षण, सेन्ट्रल पब्लिशिंग हाउस, इलाहाबाद
- दयाकृष्ण : भारतीय दर्शन, रावत पब्लिकेशन, जयपुर

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

Unit A:

Teaching Hrs.:25

Topics	Divisions of Teaching
1. Introduction : Early Greek Philosophy - Sophists & Socrates.	9
2. Plato : theory of knowledge; knowledge (episteme) and opinion (doxa); theory of Forms; soul; Idea of the Good.	8
3. Aristotle : critique of Plato's theory of Forms; theory of causation; form and matter; potentiality and actuality; soul; God.	8

Unit B:

Teaching Hrs.:30

1. St. Thomas Aquinas : faith and reason; essence and existence; proofs for the existence of God. 6
2. Descartes : method and the need for method in philosophy; method of doubt; cogito ergo sum, types of ideas; mind and matter; mind-body interactionism; God : nature and proofs

for His existence.	9
3. Spinoza : substance; attributes and modes; the concept of 'God or Nature'; pantheism, mind-body problem.	7
4. Leibniz : monadology; doctrine of pre-established harmony; truths of reason and truths of fact; innateness of all ideas; principles of non-contradiction, sufficient reason and identity of the indiscernibles; God nature and proofs for His existence.	8
Unit C:	
Teaching Hrs.: 35	
1. Locke : ideas and their classification; refutation of innate ideas; knowledge and its kinds; substance; qualities; : primary and secondary.	8
2. Berkeley : rejection of abstract ideas; rejection of the distinction between primary and secondary qualities, immaterialism; esse est percipi; the problem of solipsism. Subjective idealism	8
3. Hume : impressions and ideas; judgments concerning relations of ideas and judgements concerning matters of fact; causality; external world, self and personal identity; rejection of meta physics; scepticism.	8
4. Kant : conception of critical philosophy; classification of judgements; analytic, synthetic, a priori, a posterior; possibility of synthetic a priori judgements; the forms of sensibility; categories of the understanding; the metaphysical and the transcendental deduction of categories, schematism of the categories; phenomena and noumena.	11

Suggested Readings :

- W.T. Stace : A Critical History of Greek Philosophy
- J.S. Srivastava : 1. ग्रीक दर्शन का वैज्ञानिक इतिहास, किताब महल, इलाहबाद
2. मध्ययुगीन दर्शन का इतिहास, किताब महल, इलाहबाद
3. आधुनिक दर्शन का इतिहास, किताब महल, इलाहबाद
- याकूब मसीह : पाश्चात्य दर्शन का समीक्षात्मक अध्ययन, मोतीलाल बनारसीदास, दिल्ली। (English Translation available)
- दयाकृष्ण : पाश्चात्य दर्शन का इतिहास (संकलन), हिन्दी ग्रन्थ अकादमी, जयपुर
- F. Thilly : History of Western Philosophy.

B. A. PART I HISTORY

Scheme :

Maximum Marks 200

Minimum Pass Marks 72

Paper I

3 hrs. duration

Marks 100

Paper II

3 hrs. duration

Marks 100

Note : There shall be two papers in all in the subject of History, and each paper shall be of three hours duration and of 100 marks. Each paper shall consist of two parts. Part I shall carry 40 marks and shall consist of two compulsory questions. There shall be twenty multiple choice objective type questions of one mark each in the first compulsory question consisting of 20 marks. The second compulsory question consisting of 20 marks will comprise of ten questions of two marks each. These will be short answer questions and answer of each question should be in not more than twenty words. Marks may be deducted if the word limit is exceeded. This part of the question paper will be given maximum one hour duration and shall relate to all the three sections covering thereby the entire course.

The second part of the question paper shall be divided into three sections comprising of 6 essay type questions, containing 2 questions from each section, of 20 marks each. Candidates will be required to attempt 3 questions, selecting one question from each section. This part of the question paper shall be of 60 marks.

परीक्षा योजना :

अधिकतम अंक 200

न्यूनतम उत्तीर्णांक 72

प्रथम प्रश्नपत्र

समय 3 घंटे

अंक 100

द्वितीय प्रश्नपत्र

समय 3 घंटे

अंक 100

नोट : इतिहास विषय के कुल दो प्रश्नपत्र होंगे, प्रत्येक प्रश्नपत्र तीन घंटे की अवधि का एवं 100 अंकों का होगा। प्रत्येक प्रश्नपत्र के दो भाग होंगे। प्रथम भाग 40 अंकों का होगा एवं इस भाग में दो अनिवार्य प्रश्न होंगे। 20 अंकों के प्रथम अनिवार्य प्रश्न में, एक-एक अंक के 20 बहुविकल्पीय प्रश्न होंगे। 20 अंकों के द्वितीय अनिवार्य प्रश्न के अन्तर्गत दो-दो अंकों के 10 प्रश्न होंगे। ये सीमित शब्द संख्या वाले प्रश्न होंगे और प्रत्येक प्रश्न का उत्तर अधिकतम 20 शब्दों में दिया जा सकता है। निर्धारित शब्द सीमा से अधिक शब्दों में उत्तर देने पर अंक काटे जा सकेंगे। प्रश्नपत्र के प्रथम भाग के लिए अधिकतम 1 घंटे की अवधि दी जायेगी तथा इस भाग के प्रश्न, 3 खण्डों में विभाजित सम्पूर्ण पाठ्यक्रम से सम्बन्धित होंगे।

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प्रश्नपत्र के द्वितीय भाग में, पाठ्यक्रम के तीनों खण्डों में से, प्रत्येक से दो-दो प्रश्नों का चयन करते हुए, कुल 6 निबंधात्मक प्रकृति के प्रश्न होंगे। प्रत्येक प्रश्न 20 अंकों का होगा। परीक्षार्थियों को प्रत्येक खण्ड में से कम से कम एक प्रश्न का चयन करते हुए, कुल 3 प्रश्न हल करने होंगे। प्रश्नपत्र का यह भाग 60 अंकों का होगा।

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

Section - A

Main sources of the history of India upto 1200 A.D. A brief survey of Prehistoric cultures in India. The Indus-Saraswati civilization – origin, extent, salient features, decline and continuity. The Vedic age – Vedic literature, polity, society, economy and religion. A brief survey of Iron age cultures in India. Rise of Janapadas and Mahajanapadas – monarchies and republics. Rise of Magadhan imperialism upto the Nandas. Jainism and Buddhism – origins, teachings, contribution.

Section - B

The Mauryan empire – main sources. Chandragupta Maurya and Aśoka. Aśoka's Dhamma – its nature and propagation. Mauryan state and administration, society and economy, art and architecture. Decline of the Mauryas. The post-Mauryan period (c. 200 B.C. to 300 A.D.) – achievements of the Sungas, Satavahanas, Sakas and Kushanas. Social, Religious and Economic life and development of literature and arts during the post-Mauryan period. The Sangam age – literature, society, economy, and culture.

Section - C

The Gupta empire – achievements of Samudragupta, Chandragupta II Vikramaditya, Skandagupta. State and administrative institutions. Social and Economic Life. Religious thought and institutions. Developments in literature, arts and sciences. Post-Gupta period upto 750 A.D. – achievements of the Vardhanas, Chalukyas and Pallavas. Tripartite Struggle. The Imperial Cholas and their achievements. A study of social and economic changes and a brief survey of cultural life during the period c. 750 to 1200 A. D.

Thhanna

प्रथम प्रश्नपत्र : भारत का इतिहास (आरम्भ से 1200 ईस्वी तक)

खण्ड - क

1200 ईस्वी तक भारत के इतिहास के मुख्य स्रोत। भारत की प्रागैतिहासिक संस्कृतियों का संक्षिप्त सर्वेक्षण। सिन्धु-सरस्वती सभ्यता - उदगम, विस्तार, प्रमुख विशेषताएँ, पतन एवं निरंतरता। वैदिक युग - वैदिक साहित्य, राजशासन, समाज, अर्थव्यवस्था एवं धर्म। भारत की लौहयुगीन संस्कृतियों का संक्षिप्त सर्वेक्षण। जनपदों एवं महाजनपदों का उदय - राजतंत्र एवं गणतंत्र। नंद वंश तक मागध साम्राज्यवाद का उत्कर्ष। जैन धर्म एवं बौद्ध धर्म - उदगम, शिक्षाएँ, योगदान।

खण्ड - ख

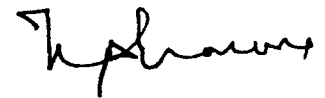
मौर्य साम्राज्य- मुख्य स्रोत। चन्द्रगुप्त मौर्य एवं अशोक। अशोक का धम्म - इसकी प्रकृति एवं प्रचार। मौर्यकालीन राज्य एवं प्रशासन, समाज एवं अर्थव्यवस्था, कला एवं स्थापत्य। मौर्यों का पतन। मौर्योत्तर काल (लगभग 200 ई. पू. से 300 ईस्वी) - शुंगों, सातवाहनों, शकों एवं कुषाणों की उपलब्धियाँ। मौर्योत्तर काल में सामाजिक, धार्मिक एवं आर्थिक जीवन, तथा साहित्य एवं कलाओं का विकास। संगम युग - साहित्य, समाज, अर्थव्यवस्था एवं संस्कृति।

खण्ड - ग

गुप्त साम्राज्य - समुद्रगुप्त, चन्द्रगुप्त द्वितीय विक्रमादित्य, स्कंदगुप्त की उपलब्धियाँ। राज्य एवं प्रशासनिक संस्थाएँ। सामाजिक एवं आर्थिक जीवन। धार्मिक विचार एवं संस्थाएँ। साहित्य, कला एवं विज्ञान का विकास। 750 ईस्वी तक गुप्तोत्तर काल - वर्धनों, चालुक्यों एवं पल्लवों की उपलब्धियाँ। त्रि-राज्यीय संघर्ष। साम्राज्यवादी चोल एवं उनकी उपलब्धियाँ। 750 से 1200 ईस्वी के काल में सामाजिक एवं आर्थिक परिवर्तनों का अध्ययन तथा सांस्कृतिक जीवन का संक्षिप्त सर्वेक्षण।

Books Recommended (अनुशंसित पुस्तकें) :

- H. D. Sankalia : *Prehistory of India*, Munshiram Manoharlal, New Delhi, 1977
- Dilip K. Chakrabarti : *India : An Archaeological History (Palaeolithic Beginnings to Early Historic Foundations)*, Oxford University Press, New Delhi, 1999
- B. B. Lal : *India 1947-1997 : New Light on the Indus Civilisation*, Delhi, 1998
- R.K. Mookerji : *Chandragupta Maurya and His Times*, Delhi, 1952
(also in Hindi)
- : *Aśoka*, Delhi, 1972 (also in Hindi)
- B. N. Puri : *India under the Kushanas*, Bombay, 1965



- R.C. Majumdar & A.S. Altekar : *The Vakataka-Gupta Age* (also in Hindi)
- Banj Nath Sharma : *Harsha & his times, Varanasi, 1970*
- K.A.N. Sastri : (Ed.) *Age of the Nandas & Mauryas* (also in Hindi)
- : *A History of South India* (also in Hindi)
- : *The Cholas* (also in Hindi)
- Romila Thapar : *A History of India, Vol I, Penguin, 1966* (also in Hindi)
- : *Aśoka & the Decline of the Mauryas, 3rd impression, Delhi, 1999*
- Upinder Singh : *A History of Ancient and Early Medieval India* (From the Stone Age to the 12th Century), Pearson Longman, Delhi, 2009
- विदुला जायसवाल : *भारतीय इतिहास का नव-प्रस्तर युग, दिल्ली, 1992*
- के. के. थपल्याल एवं एस.पी. शुक्ला : *सिन्धु सभ्यता, लखनऊ, 1976*
- मदन मोहन सिंह : *बुद्धकालीन समाज और धर्म, पटना, 1972*
- पी.एल. गुप्ता : *गुप्त साम्राज्य*
- विशुद्धानन्द पाठक : *उत्तर भारत का राजनीतिक इतिहास, लखनऊ, 1990*
- बलराम श्रीवास्तव : *दक्षिण भारत का इतिहास, वाराणसी, 1968*
- के.सी. श्रीवास्तव : *प्राचीन भारत का इतिहास तथा संस्कृति, इलाहाबाद*

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

Section - A

A survey of the sources of the history of Rajasthan. Palaeolithic and Mesolithic cultures in Rajasthan. Extent and characteristics of Chalcolithic and Copper age cultures (Ahar, Balathal, Ganeshwar). Characteristics of Kalibangan culture. Matsya Janapada and Republican Tribes in Rajasthan. Origin of Rajputs. Rise and expansion of Guhilas, Gurjara-Pratiharas and Chahamanas.

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Section - B

Rajput resistance to Muslim incursions in Rajasthan. Mewar under Maharana Kumbha and Sanga. Maharana Pratap's struggle for independence. Chandrasen's efforts for freedom. Contribution of Sawai Jai Singh. A brief survey of the main features of the society and culture in Rajasthan (1200-1750 A.D.). Meera and Dadu. Art and architecture - fort architecture, temples.

Section - C

Maratha incursions in Rajasthan and their impact. Acceptance of British suzerainty and its consequences. Administrative and Judicial changes after 1818 A. D. Social changes - Prohibition of Female Infanticide and Sati. Economic changes - Land Revenue Settlements. British monopoly of Salt and Opium Trade. Outbreak of 1857 in Rajasthan. Influence of Arya Samaj in Rajasthan. A brief survey of Peasant Movements and Tribal Movements. Formation of Praja Mandals and Freedom Struggle in Rajasthan. Integration of the States of Rajasthan.

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

खण्ड - क

राजस्थान के इतिहास के स्रोतों का सर्वेक्षण। राजस्थान में पुरापाषाणकालीन एवं मध्यपाषाणकालीन संस्कृतियाँ। ताम्रपाषाणिक एवं ताम्रयुगीन संस्कृतियों का विस्तार एवं विशेषताएँ (आहाड़, बालाथल, गणेश्वर)। कालीबंगा संस्कृति की विशेषताएँ। राजस्थान में मत्स्य जनपद एवं गणतांत्रिक जातियाँ। राजपूतों का उदय। गुहिलों, गुर्जर-प्रतिहारों एवं चाहमानों का उत्कर्ष एवं विस्तार।

खण्ड - ख

राजस्थान में मुस्लिम आक्रमणों का राजपूत प्रतिरोध। महाराणा कुंभा एवं सांगा के अधीन मेवाड़। महाराणा प्रताप का स्वतंत्रता के लिए संघर्ष। स्वातंत्र्य के लिए चंद्रसेन के प्रयास। सवाई जयसिंह का योगदान। राजस्थान में समाज एवं संस्कृति की मुख्य विशेषताओं का संक्षिप्त सर्वेक्षण (1200-1750 ईस्वी)। मीरा एवं दादू। कला एवं स्थापत्य - दुर्ग स्थापत्य, मंदिर।

खण्ड - ग

राजस्थान में मराठा आक्रमण एवं उनका प्रभाव। ब्रिटिश प्रभुत्व का स्वीकार एवं इसके परिणाम। 1818 ईस्वी के पश्चात् प्रशासनिक एवं न्यायिक परिवर्तन। सामाजिक परिवर्तन - कन्या-शिशु वध एवं सती पर प्रतिबन्ध। आर्थिक परिवर्तन - भू राजस्व बंदोबस्त। नमक एवं अफीम व्यापार पर ब्रिटिश एकाधिकार। राजस्थान में 1857 का विप्लव। राजस्थान में आर्य समाज का प्रभाव। कृषक आन्दोलनों एवं जनजातीय आंदोलनों का एक संक्षिप्त सर्वेक्षण। राजस्थान में प्रजामंडलों का गठन एवं स्वाधीनता संघर्ष। राजस्थान के राज्यों का एकीकरण।

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Books Recommended (अनुशंसित पुस्तकें) :

- Dasharath Sharma : *Rajasthan through the Ages*, Vol. I, Bikaner, 1966
: *Early Chauhan Dynasties*, Delhi, 1975
- G. N. Sharma : *Rajasthan through the Ages*, Vol. II
: *Mewar and the Mughal Emperors*
: *Social Life in Medieval Rajasthan*
- M. S. Jain : *Rajasthan through the Ages*, Vol. III
: *Surplus to Subsistence*, Delhi, 1994
: *Concise History of Modern Rajasthan*
- D.C. Shukla : *Early History of Rajasthan*, Delhi, 1978
- B. N. Puri : *The History of the Gurjara-Pratiharas*, Delhi, 1975
- Shanta Rani Sharma: *Society and Culture in Rajasthan c. A.D. 700-900*, Delhi, 1996
- V.S. Bhatnagar : *Life & Times of Sawai Jai Singh* (also in Hindi)
- V. N. Misra : *Rajasthan : Prehistoric and Early Historic Foundations*, Aryan Books International, New Delhi, 2007
- H. D. Sankalia et al : *Excavations at Ahar (Tambavati)*, 1961-62, Deccan College, Poona, 1969
- Rima Hooja : *A History of Rajasthan*, Rupa & Co., New Delhi, 2006
: *The Ahar Culture and Beyond*, Oxford, 1988.
- गोपीनाथ शर्मा : *राजस्थान का इतिहास*, आगरा
: *राजस्थान का सांस्कृतिक इतिहास*, राजस्थान हिन्दी ग्रन्थ अकादमी, जयपुर
: *राजस्थान के इतिहास के स्रोत*, राजस्थान हिन्दी ग्रन्थ अकादमी, जयपुर
- विशुद्धानन्द पाठक : *उत्तर भारत का राजनीतिक इतिहास*, लखनऊ
- एम.एस. जैन : *आधुनिक राजस्थान का इतिहास*, जयपुर
- रामप्रसाद व्यास : *आधुनिक राजस्थान का वृहत् इतिहास*, खण्ड I एवं खण्ड II, राजस्थान हिन्दी ग्रन्थ अकादमी, जयपुर

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POLITICAL SCIENCE

Scheme:

न्यूनतम उत्तीर्णांक-72

प्रथम प्रश्न-पत्र

द्वितीय प्रश्न-पत्र

समय 3 घंटे

समय 3 घंटे

अधिकतम अंक-200

टंक-100

टंक-100

नोट: राजनीति विज्ञान के दो प्रश्न-पत्र होंगे। प्रत्येक प्रश्न-पत्र 3 घण्टों में विभाजित होगा।

प्रश्न-पत्र के दो भाग होंगे। प्रथम भाग 40 अंकों का होगा। इस भाग में दो अनिवार्य प्रश्न होंगे। 20 अंकों के एक प्रश्न में, एक-एक अंक के 20 बहुविकल्पीय प्रश्न होंगे। 20 अंकों का द्वितीय प्रश्न सीमित शब्द संख्या वाले प्रश्नों का होगा। इस प्रश्न के अंतर्गत दो-दो अंकों के 10 प्रश्न होंगे। प्रत्येक प्रश्न का उत्तर परीक्षार्थी को अधिकतम 20 शब्दों में देना होगा। निर्धारित शब्द सीमा से अधिक शब्दों में उत्तर देने पर अंक काटे जा सकेंगे। प्रश्न-पत्र के लिए निर्धारित कुल 3 घण्टों की अवधि में से अधिकतम 1 घण्टे की अवधि प्रश्न-पत्र के इस भाग के लिए निर्धारित होगी।

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

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

Note: There shall be two papers in all, and each paper shall be of three hours duration and of 100 marks. Each paper shall consist of two parts. Part I shall carry 40 marks and shall consist of two compulsory questions. There shall be twenty multiple choice objective type questions of one mark each in the first compulsory question. The second compulsory question will comprise ten questions of two marks each. These will be short answer questions and answers of each question should be in not more than twenty words. Marks may be deducted if the word limit is exceeded. This part of the question paper will be given maximum one hour duration and shall relate to all the three sections covering thereby the entire course.

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

प्रथम प्रश्न-पत्र: राजनीति विज्ञान के मूल आधार

खण्ड 'क'

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

खण्ड 'ख'

राजनीति व्यवस्था, राजनीतिक आधुनिकीकरण, राजनीतिक विकास, लोकतंत्र, निरंकुशता, राजनैतिक दल व दबाव समूह, प्रतिनिधित्व के सिद्धांत, विधि का शासन व संविधानवाद, शासन के अंग व उसके कार्य (आधुनिक दृष्टिकोणों के विशिष्ट संदर्भ में)।

खण्ड 'ग'

राजनीतिक विचारधाराएँ : उदारवाद, प्रत्ययवाद, मार्क्सवाद, लोकतांत्रिक समाजवाद व अराजकतावाद।

Paper-I : Foundations of Political Science

Section- A

Traditional and Contemporary Perspectives of Political Science, Behaviouralism and Post-Behaviouralism; Inter-disciplinary Approach in Political Science, Relation of Political Science with other Social Sciences, Concepts : Power, Authority, Legitimacy.

Section- B

Political System, Political Development, Political Modernization, Democracy and Dictatorship. Political Parties, Pressure Groups, Theories of Representations, Rule of Law and Constitutionalism; Organs of Govt. and their functions (with reference to recent trends.)

Section- C

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

Books recommended: (अनुशंसित पुस्तकें)

- Asirvadam : Political theory (Hindi and English editions)
- Mac Iver : The Modern State
- Appadorai : Substance of Politics (Hindi and English editions)
- Pennok and Smith : political Science – An Introduction
- Roy, Das Gupta & Ray : Principles of Political Science.

- S.B. Dubey : Rajnitik Shastra Ke Sidhant, Shiv Lal Agrawal & Co. Agra.
- V.K. Arora : Rajniti Vigyan (Gadodia Pustak Bhandar, Bikaner)
- एस.एन.दुबे : डवलपमेंट एण्ड पॉलिटिकल थाट इन इण्डिया
- इकबाल नारायण : राजनीति शास्त्र के सिद्धांत
- पुखराज जैन : राजनीति शास्त्र के मूल आधार
- पी.के.चड्ढा: राजनीति शास्त्र के मूल आधार
- आर.सी. अग्रवाल : राजनीति शास्त्र के सिद्धांत

द्वितीय प्रश्न-पत्र: प्रतिनिधि भारतीय राजनीतिक विचारक:

खण्ड 'क'

मनु, कौटिल्य व शुक्र

खण्ड 'ख'

राजा राममोहन राय, स्वामी दयानन्द सरस्वती, गोपाल कृष्ण गोखले व बाल गंगाधर तिलक

खण्ड 'ग'

मोहनदास कर्मचंद गांधी, जवाहर लाल नेहरू, मौलाना अबुल कलाम आजाद, बी.आर. अम्बेडकर, एम.एन. राय व जयप्रकाश नारायण।

Paper-II : Representative Indian Political Thinkers

Section- A

Manu, Kautilya, Shukra

Section- B

Raja Ram Mohan Roy, Swami Dayananda Saraswati, Gopal Krishan gokhale, Bal Gangadhar Tilak.

Section- C

Mohan Das Karam Chand Gandhi, Jawaharlal Nehru, Maulana Abul Kalam Azad, Bhim Rao Ambedkar, M.N. Roy, Jai Prakash Narain.

Books Recommended (अनुशंसित पुस्तके)

- Awasthi and Awasthi : Pratinidhi Bhartiya Rajnitik Chintan
- V.P. Verma : Aadhunik Bharatiya Rajnitik Avam Samajik Chintan

- Purshotam Nagar : Aadhunik Bhartiya Chintan.
- Vishnoo Bhagavan : Indian Political Thinkers, Bhima Ram & Son, Delhi.
- Chaddha, P.K. : Pramukh Bhartiya Rajnitik Vicharak (adarsh Prakashan, Chaura Rasta, Jaipur)
- परमात्मा शरण : प्राचीन भारत मं राजनीतिक विन्तन व संस्थाएँ
- जे.पी. सूद: मेन करन्टस ऑफ इण्डियन पॉलिटिकल थॉट (हिन्दी व अंग्रेजी)
- एस.एल. वर्मा व बी.एम. शर्मा : प्रमुख भारतीय राजनीतिक विचारक
- वी.पी. वर्मा : भारतीय राजनीतिक व सामाजिक चिंतन।

10. INDIAN MUSIC

Scheme :

Mins. Pass Marks 29	Max. Marks 80	
Paper I	3 hrs. duration	Marks 40
Paper II	3 hrs. duration	Marks 40
Practical	Min. Pass marks 43	Max. Marks 120

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

Paper I

Section - A

1. Definitions and explanations of the following terms : Ragalapa at Roopakalap, Bahuta and Alpatva Alapti Avirbhav and Tirobha Swasthan Niyam.

2. Critical study of all the Ragas, Identification and development of Raga through Alaps.

Section - B

3. Important and Basic rules regarding Hindustani Music.

4. Writing of the prescribed Talas, Writing of different types of Layakaris Dugun, Tigun, Chaugan, Dhamar, Kharva, Trital, Jhaptal, Ektal, Chautal, Dadra.

Section - C

5. Explanation of the following terms :

6. Harmony and Melody, Adhunik Alap Gayan, Notation writing of Composition Gats in the prescribed Ragas.

Paper II

Min. 29		Max. Marks 80
Paper I	3 hrs. duration	Marks 40
Paper II	3 hrs. duration	Marks 40

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

Section - A

1. Definition of Gram, Moorchana, Rag Lakshanas, Nayak, Gayak Kalawant and Gandharava, Adat, Jigar Hisab, Varieties of Gamak Tanas.

2. Detailed study of the Notation system of Pt. Vishnu Digamber and Bhatkhande. Elementary knowledge of Staff Notation.

Section - B

3. Contribution of the following :

Jaideo, Sharangdev, Swami Haridas, Amir Khusro, Tansen, Pt. Vyankat Makhi.

4. General study : Development of Music from 13th to 18th

Syllabus B.A. Part-I

century with special reference to : (a) Religion Music, (b) Musical Compositions, (c) Musical Instruments.

Section - C

Classification of Instruction

5. Use and description of the following instruments :

Tabla, Sitar and sitar Tanpura. Elementary knowledge of the following dances : Kathak, Bharat Natyam, Kathakali and Manipuri.

Practical (Vocal and Instrumental)

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

Durations of Exam. I hour per candidates, per paper

Viva-voce & Presentation of Ragas **Max. Marks 120**

(Pertaining to general questions on Raga, Laya and Tal and to sing or play all the Ragas according to syllabus).

Detailed Course :

Vocal Music

1. To sing given musical piece and to recognise the ragas the swaras when sing.

2. To show the difference to ragas by means of characteristics swarvistaras and to sing swar-vistaras in all the ragas.

3. To know orally the "bol" (with Dugun and Chaugun), To mark time hand and to recognise the following talas when played on tabla-Dhamar, Tilwara, Tital, Jhaptal, Ektal, Chautal, Kharva and Dadra.

4. To sing Arohi, Avrohi, Pakad and Swar. Vistar of the following ragas—Yaman, Bageshree, Bihag, Kedar, Kamod, Alahaiya bilawal, Hindole, Hameer, Chhayanat and Des.

5. With the accompaniment of tabla to sing slow khayal and fast khayal with sufficient alaps and tanas of different varieties in the following four ragas -

(i) Yaman (ii) Bageshree (iii) Bihag (iv) Kedar

6. To the accompaniment to tabla to sing a Fast Khayal or Tarana with sufficient Tanas in any four ragas of the following - (i) Kamod (ii) Alahaiya-bilawal (iii) Hindole (iv) Hameer (v) Chhayanat (vi) Des.

7. To the accompaniment of tabla or pakhawaj to sing one drupad with Dugun, Tigun, Chaugun, and one Dhamar with Dugun, and Chaugun in two different ragas prescribed under clause 4 but not selected under clause 5 & 6.

8. To the accompaniment of tabla to sing two light classical composition in the ragas mentioned in clause 4.

9. One Bhajan in any raga.

Instrumental Music

Candidate can offer any one of the following instruments—

Sitar, Violin, Sarod, Flute, Israj or Dilruba.

Clause 1, 2, 3, and 4 same as Vocal Music singing may be replaced by playing.

5. To the accompaniment of tabla to play a Vilambit Gat (विलम्बितगत) and Fastgat (दुत्तगत) with sufficient varieties of Todas and Jhalas in the following four ragas :-

(i) Yaman, (ii) Bageshree, (iii) Bihag, (iv) Kedar.

6. To the accompaniment of tabla to play a Fastgat (दुत्तगत) with Todas and Jhalas in any four ragas of the following :-

(i) Kamod, (ii) Alahaiya-Bilawal, (iii) Hindole, (iv) Hameer, (v) Chhayanat, (vi) Des.

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

8. To play a dhun in any Raga.

Books Recommended :

1. A Short Historical Survey of the Music of Northern Indian by Pt. V.N. Bhatkhande.
2. संगीत के जीवन पृष्ठ—एस.एन. राय ।
3. Vadya shastra- Shri Harish Chandra Srivastava, 533, Hapur, Allahabad.
4. Hamare Sangeet Ratan- Sangeet Karyalaya, Hathras.
5. Sangeet Visharad.
6. Comparative Study of the Music of the 15th, 16th and 17th Centuries, by Pt. V. N. Bhatkhande (Sangeet Karayalaya, Hathras.)
7. Sangeet Kaumudi - Vikramaditya Singh, Nigam.
8. Tan Malika, Pt. III (Uttararadha) by Raja Bhaya Poonchwale.
9. Hindustani Music : Its Physics and Aesthetics by G.S. Ranade, Sangeet Karyalaya, Hathras.
10. Music of Hindustan - Fox Stauge Ways.
11. Origin of Ragas - Bandopadhyaya.
12. The Music of India by H.A. Popley.
13. Hindustani Sangeet Paddhayati (Shastra) by Pt. Bhatkhande Book IV.

B.A. Part-I Public Administration

Scheme :
Two Papers

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

There shall be two papers in all, and each paper shall be of three hours duration and of 100 marks. Each paper shall consist of two parts. There shall be twenty multiple choice objective type questions one mark each in the first compulsory question. The second compulsory question will comprise ten questions of two marks each. These will be short answer questions. Answers should be of not more than twenty words. Marks may be deducted if the word limit is exceeded. This part of the question paper will be given maximum one hour duration and shall relate to all the three sections covering there by the entire course.

The second part of the question paper shall be divided into three sections comprising 6 essay type questions of 20 marks each.

Candidates will be required to attempt 3 questions selecting one question from each section. This part of question paper shall be of 60 marks.

Paper - I : Elements of Public Administration

Section A

Meaning, Nature of Scope of Public Administration, Importance of Public Administration in Modern Society, Public and Private Administration. Evolution of the study of public Administration. Public Administration as a Social Science, Relationship with other Social Sciences - Political Science, Economics, Sociology, Law and Psychology, Approaches to the Study of Public Administration - Classical and Humanistic.

Section B

Organization - Meaning, Formal and Informal Organization, Principles of Organization Hierarchy, Unity of Command, Span of Control, Coordination, Centralization, Decentralization, Authority and Responsibility.

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

Section C

Budget, Meaning and forms, Principles of Budgeting, Budget as a tool of socio-economic Policy, Personnel Administration : Meaning, Nature and Importance, Nature of Bureaucracy, Civil Service and its Role in a developing Society, Classification, Recruitment, Training, Promotion of Civil Servants, Morale and Motivation in Public Administration.

Books Recommended :

1. A. Awasthi, S.R. Maheshwari, Public Administration.
2. C.P. Bhambhari : Public Administration.
3. D.R. Sachdeva and Meena Sogani : Public Administration : Concepts and Application.
4. Mohit Bhattacharya : Public Administration.
5. Rumki Basu : Public Administration.
6. M.P. Sharma and B.L. Sadna, Public Administration in Theory and Practice.
7. S.L. Goel, Public Administration - Theory & Practice.
8. Hoshier Singh and Pradeep Sachdeva, Administrative Theory.
9. Ravindra Sharma, Lok Prashashan Ke Tatav.
10. Surendra Katariya, Lok Prashashan Ke Tatav.

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SECTION OFFICER (Exam-I)
University of Rajasthan
JAIPUR-302 004

Paper - II : Public Administration in India

Section - A

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

Section - B

Organisation of Working of Ministry of Home and Ministry of Personnel, Pensions & Public Grievances, Major Forms of Public Enterprises - Departments, Corporations and Companies, Committee on Public Undertakings, Financial Administration : Budget Formulation, Budget Enactment and Budget Execution, Comptroller and Auditor General of India, Public Accounts Committee, Estimates Committee.

Section - C

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

Books Recommended :

1. S.R. Maheshwari : Indian Administration.
2. P. Sharan; Public Administration in India.
3. Ramesh Arora & Rajni Goyal : Indian Public Administration.
4. Avasthi & Avasthi : Indian Administration.
5. Hoshier Singh & Mohinder Singh : Public Administration in India : Theory and Practice.
6. बी.एल. फडिया : भारत में लोक प्रशासन
7. पी.डी. शर्मा एवं बी.एम. शर्मा : भारतीय प्रशासन
8. रविन्द्र शर्मा : भारत में लोक प्रशासन
9. सुरेन्द्र कटारिया : भारत में लोक प्रशासन
10. एस.आर. माहेश्वरी : भारतीय प्रशासन

SECTION OFFICER (Acad-I)
University of Rajasthan
JAIPUR-302 004

राजस्थान विश्वविद्यालय जयपुर

बी.ए. - भाग प्रथम (भास कोर्स)

लोक प्रशासन

स्कीम :

दो प्रश्न पत्र	न्यूनतम उत्तीर्णांक : 72	अधिकतम अंक : 200
प्रथम प्रश्न पत्र	3 घण्टे की अवधि	100 अंक
द्वितीय प्रश्न पत्र	3 घण्टे की अवधि	100 अंक

नोट : कुल दो प्रश्न-पत्र होंगे। प्रत्येक प्रश्न-पत्र की अवधि तीन घण्टे होगी तथा अधिकतम 100 अंक होंगे। प्रश्न-पत्र के दो भाग होंगे। प्रथम भाग 40 अंकों का होगा। इस भाग में दो अनिवार्य प्रश्न होंगे। 20 अंकों के एक प्रश्न में, एक-एक अंक के 20 बहुविकल्पीय प्रश्न होंगे। 20 अंकों का द्वितीय प्रश्न सीमित शब्द संख्या वाले प्रश्नों का होगा। इस प्रश्न के अन्तर्गत दो-दो अंकों के 10 प्रश्न होंगे। प्रत्येक प्रश्न का एक उत्तर परीक्षार्थी को अधिकतम 20 शब्दों में देना होगा। निर्धारित शब्द सीमा से अधिक शब्दों में उत्तर देने पर अंक काटे जा सकेंगे। प्रश्न-पत्र के लिए निर्धारित कुल 3 घण्टों की अवधि में अधिकतम 1 घण्टे की अवधि प्रश्न-पत्र के इस भाग के लिए निर्धारित होगी।

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

प्रश्न पत्र के द्वितीय भाग में, पाठ्यक्रम के तीनों खण्डों में से प्रत्येक में से दो-दो निबन्धात्मक प्रकृति के प्रश्न होंगे। परीक्षार्थियों को प्रत्येक खण्ड में से कम से कम एक प्रश्न का चयन करते हुए कुल 3 प्रश्न करने होंगे। प्रत्येक प्रश्न 20 अंकों का होगा। प्रश्न पत्र का यह भाग 60 अंकों का होगा।

प्रश्न पत्र - I : लोक प्रशासन के तत्व

प्रथम खण्ड

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

द्वितीय खण्ड

संगठन - अर्थ, औपचारिक एवं अनौपचारिक संगठन, संगठन के सिद्धान्त - पदसोपान, आदेश की एकता, नियंत्रण का क्षेत्र, समन्वय, केन्द्रीयकरण, विकेन्द्रीकरण, सत्ता एवं उत्तरदायित्व।

मुख्य कार्यपालिका, सूत्र एवं स्टॉफ अभिकरण, पर्यवेक्षण, प्रत्यायोजन, नेतृत्व, संचार, निर्णय-निर्माण, लोक सम्पर्क।

तृतीय खण्ड

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

अनुशंसित पुस्तकें -

1. ए. अवस्थी, एस.आर. माहेश्वरी : पब्लिक एडमिनिस्ट्रेशन
2. सी.पी. भाम्भरी : पब्लिक एडमिनिस्ट्रेशन
3. डी.आर. सचदेवा एण्ड मीना सोगानी : पब्लिक एडमिनिस्ट्रेशन : कन्सेप्टस एण्ड एप्लीकेशन्स
4. मोहित भट्टाचार्य : पब्लिक एडमिनिस्ट्रेशन
5. रूमकी बसु : पब्लिक एडमिनिस्ट्रेशन
6. एम.पी. शर्मा एण्ड बी.एल. सडाना : पब्लिक एडमिनिस्ट्रेशन इन थ्योरी एण्ड प्रेक्टिस
7. एस.एल. गोयल : पब्लिक एडमिनिस्ट्रेशन - थ्योरी एण्ड प्रेक्टिस
8. होशियार सिंह एण्ड प्रदीप सचदेव : एडमिनिस्ट्रेटिव थ्योरी
9. रविन्द्र शर्मा : लोक प्रशासन के तत्व
10. सुरेन्द्र कटारिया : लोक प्रशासन के तत्व

द्वितीय पत्र – भारत में लोक प्रशासन

प्रथम खण्ड

भारतीय प्रशासन की ऐतिहासिक पृष्ठभूमि – ब्रिटिश काल के प्रभावों के विशेष सन्दर्भ में, भारतीय प्रशासन की मुख्य विशेषताएँ, राष्ट्रीय कार्यपालिका : राष्ट्रपति, प्रधानमंत्री एवं मंत्रिपरिषद्, केन्द्रीय सचिवालय, मंत्रिमण्डल सचिवालय।

द्वितीय खण्ड

गृह मंत्रालय, कार्मिक पेंशन एवं लोक शिकायत मंत्रालय का संगठन व कार्यकरण, लोक उद्यमों के प्रमुख प्रकार : विभाग, निगम एवं कम्पनी प्रणाली, लोक उपक्रमों की संसदीय समिति, वित्तीय प्रशासन : बजट का निर्माण, बजट का संसद में अनुमोदन एवं बजट का क्रियान्वयन, नियंत्रक एवं महालेखा परीक्षक, लोक लेखा समिति, अनुमान समिति।

तृतीय खण्ड

कार्मिक प्रशासन : भारतीय लोक सेवकों का वर्गीकरण, अखिल भारतीय सेवाओं में भर्ती एवं प्रशिक्षण, प्रशासन पर नियंत्रण : विधायी, कार्यपालिका व न्यायिक नियंत्रण, प्रशासनिक भ्रष्टाचार, लोक परिवेदनाओं का निवारण, प्रशासनिक सुधार, कार्मिक प्रशासन एवं भ्रष्टाचार के विशेष संदर्भ में प्रथम प्रशासनिक सुधार आयोग एवं द्वितीय प्रशासनिक सुधार आयोग का तुलनात्मक अध्ययन।

अनुशंसित पुस्तकें :

1. एस.आर. माहेश्वरी : भारतीय प्रशासन
2. पी. शरण : पब्लिक एडमिनिस्ट्रेशन इन इण्डिया
3. रमेश अरोड़ा एण्ड रजनी गोयल : इण्डियन पब्लिक एडमिनिस्ट्रेशन
4. अवस्थी एण्ड अवस्थी : भारतीय प्रशासन
5. होशियार सिंह एवं प्रदीप सचदेवा : भारतीय प्रशासन
6. बी.एल. फडिया : भारत में लोक प्रशासन
7. पी.डी. शर्मा एण्ड बी.एम. शर्मा : भारतीय प्रशासन
8. रविन्द्र शर्मा : भारत में लोक प्रशासन
9. सुरेन्द्र कटारिया : भारत में लोक प्रशासन
10. एस.आर. माहेश्वरी : भारतीय प्रशासन

12. DRAWING & PAINTING

Scheme :

	Duration	M.M.	Min: Pass Marks
Theory Paper I			
Fundamentals of Fine Arts	3 hrs.	90	32½
Practical Paper II			
Part A- Study from Objects	3 hrs.	50	32½
Part B- Creative Designing	3 hrs.	40	
Submission of Works		20	07
Total		200	72

Paper I : Fundamentals of Fine Arts

The paper will contain nine questions, having three questions in each section. Candidates are required to attempt five questions in all selecting atleast one questions from each section.

Section - A

Definition of Fine Arts. Meaning and Importance of various Fine Arts, Visual, and Performing (Painting, Sculpture, Music, Dance and Drama). Classification of various Art Style - Tribal and Folk, Classic & Modern. Creative process observation, perception, imagination and creative expression.

Section - B

Elements of Painting - Form, Space, Colour, Line, Texture. Principals of composition - Balance harmony, Rhythm, Perspective, Dominnce Harmony, Proportion Drawing & Rendering Subject Matter.

Section - C

History of Indian Sculpture upto Gupta Pd., Indus, Valley Civilization Maurya, Sunga Sanchi, Bharhut, Amravati, Khushan Grandhara, Gupta Period, Ellora, Elephanta and Mahabalipuram.

Books Recommended :

1. Survey of Indian Sculpture by S.K. Saraswati.
2. Bhartiya Murtikala by Rai Krishna Das.
3. Bhartiya Murtikala by Rama Nath Mishra.
4. Kala Ke Pran Buddha by Jagdeesh Gupta.
5. Studies in Indian Art by V.S. Agarwal.
6. Saga of Indian Sculpture by K.M. Munshi.
7. Roop Prad Kala Ke Mooladhar by Shri Kumar Sharma, R.A. Agrawal.

Syllabus B.A. Part-I

8. Fundamentals of Design by Donald M. Enderson.
9. Visual Dialogue by Nathan Knobler.
10. Learning with Colour by the meaning and magic of art.
11. Basic Design by the Dynamics of Visual Form Haurdee de Samanary.

Paper-II Practical

Part-A

Study from Objects

medium water colour size 1/4 Imp. 3 hrs. duration

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

Part-B

Creative designing size 1/4 Imp. 3 hrs. duration.
medium water colour

Two dimensional designs should be made giving stress on composition, stylisation, colour-scheme and texture. Human forms from nature and forms of the objects should be incorporated in the Creative Designing.

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

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

- (a) 5 plates of Still life Studies.
- (b) 5 plates of creative designing.
- (c) A sketch book of not less than 25 sketches.

Note : Submission of work will be submitted to the Head of the Department of Drawing & 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.

Syllabus B.A. Part-I

(b) There should be minimum 12 periods for the regular study including three periods for sketching.

(c) The Department should also arrange for an Educational tour to Ancient Art centers like Ajanta, Ellora, Elephanta, Khujraho, Mahabalipuram etc. once a year.

(d) Practical examination will be conducted at the centres and the practical work will be examined like the practical paper of Music or Home Science which means that an external examiner will examine the answer books in consultation with an internal examiner who is the subject teacher of the Department of Drawing & Painting. University may centralise the practical examinations at few well equipped Departments to hold examination economically.

SOCIOLOGY

Scheme :

Min. Pass Marks 72

Max. Marks 200

Paper I

3 hrs. duration

Marks 100

Paper II

3 hrs. duration

Marks 100

नोट—समाजशास्त्र के दो प्रश्न-पत्र होंगे। प्रत्येक प्रश्न 3 घण्टों में विभाजित होगा। प्रत्येक प्रश्न-पत्र के दो भाग होंगे। प्रथम भाग 40 अंकों का होगा। इस भाग में दो अनिवार्य प्रश्न होंगे। 20 अंकों के एक प्रश्न में, एक-एक अंक के 20 बहुविकल्पीय प्रश्न होंगे। 20 अंकों का द्वितीय प्रश्न सीमित शब्द संख्या वाले प्रश्नों का होगा। इस प्रश्न के अंतर्गत दो-दो अंकों के 10 प्रश्न होंगे। प्रत्येक प्रश्न का उत्तर परीक्षार्थी को अधिकतम 20 शब्दों में देना होगा। निर्धारित शब्द सीमा से अधिक शब्दों में उत्तर देने पर अंक काटे जा सकेंगे। प्रश्न-पत्र के लिए निर्धारित कुल 3 घण्टों की अवधि में से अधिकतम 1 घंटे की अवधि प्रश्न-पत्र के इस भाग के लिए निर्धारित होगी।

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

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

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

Syllabus B.A. Part-I

of two parts. Part I shall carry 40 marks. There shall be twenty multiple choice objective type questions of one mark each in the first compulsory question. The second compulsory question will comprise ten questions of two marks each. These will be short answer questions and answer of each question should be in not more than twenty words. Marks may be deducted if the word limit is exceeded. This part of the question paper will be given maximum one hour duration and shall relate to all the three sections covering thereby the entire course.

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

Paper - I : Introduction to Sociology

Maximum Marks : 100

Unit-I : Understanding Sociology

The Causes of Origin of Sociology. The Meaning, Nature, Subject Matter and Scope of Sociology. Sociology and other social sciences. The Scientific and Humanistic Orientations to Sociological Studies.

Unit-II : Basic Concepts in Sociology

Society, Community, Social Group, Social Structure, Social System, Status and Role, Social Action, Culture, Norms and Values, Associative and Dissociative Social Processes.

Unit-III : Dynamics in Sociology

Social Stratification : Meaning, Forms and Theories

Social Mobility : Meanings, Forms and Theories

Social Control : Meaning and Forms

Social Change : Meaning, Types and Theories

Socialization : Meaning, Stages and Theories

Essential Readings :

Bottomore, T.B. 1972. Sociology : A Guide to Problems and Literature.

Bombay : George Allen and Unwin (India). (Hindi Edition also)

Harlambos, M. 1998. Sociology : Themes and Perspectives. New Delhi :

Oxford University Press.

Inkeles, Alex. 1987. What is Sociology, New Delhi : Prentice-Hall of India.

Jayaram, N. 1988. Introductory Sociology, Madras : Macmillan India.

Johnson, Harry M. 1995. Sociology : A systematic introduction, New Delhi : Allied Publishers.

Schaefer, Richard T. and Robert P. Lamm. 1999. Sociology. New Delhi : Tata-MacGraw Hill.

Giddens Anthony, 2005, Sociology, London, Polity Press.

Singhi NK and Goswami, Samajshastra Vivechan, Jaipur Rajasthan Hindi Granth Academy.

Doshi, S.L. Samajshastra : Nayi Dishayen, Jaipur, National Publishers.

Reteille Andre, Sociology : Theory and Methods, New Delhi, OUP>

Paper-II : Society in India

Unit-I : Sociological Understanding of Indian Society

The Textual Traditions and Field-View Traditions in Indian Sociological Studies : The Ideas of G.S. Ghurye and M.N. Srinivas. The Civilizational and the Marxian Approaches in Indian Sociological Studies: The Ideas of N.K. Bose and D.P. Mukerji.

Unit-II : Basic Institutions of Indian Society :

Family, Marriage, Kinship, Caste, Religion : Issues of Continuity and Change, Caste-Class Interface.

Unit-III : Challenges before Indian Society :

Casteism, Communalism, Corruption, Violence Against Women, Violence Against Children, Violations of human Rights, Poverty, Illiteracy, Unemployment, Issues of Displacement-Rehabilitation.

Essential Readings :

- Bose, N.K. 1967, Culture and Society in India, Bombay : Asia Publishing House.
- Bose, N.K. 1975 : Structure of Hindu Society, New Delhi.
- Dube, S.C. 1990 : Society in India, New Delhi : National Book Trust.
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SYLLABI OF B.A FRENCH COURSES

SYLLABUS FOR THE FIRST YEAR B.A. IN FRENCH

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

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

PAPER - I GRAMMAR 75

PAPER - II COMPREHENSION, PARAGRAPH WRITING 75

(a) Two Comprehension passages from the prescribed text

[25 marks each] examiners are expected to formulate 30

Questions on the passages as follows:

1a) True or false sentences 05 marks

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

1c) Fill in the blanks using words from the text 05 marks

(b) Write a short paragraph of about 10 to 15 sentences on any one of the following five themes 25 marks

Topics for the paragraph writing should be:

i) Portrait of a friend

ii) Letter to a friend inviting him to visit your city explaining main attractions of the city

iii) Description of your dream house

iv) Visit to a restaurant / descriptive or dialogue form

PAPER - III Viva-Voce 50

Teaching Material / Books:

1. Version Originale I
Méthode de Français - published by Didier Paris, 2004.
2. Version Originale I - Workbook Vol: 1
3. One Compact Disc Level-1 to go with the method

Reference Books:

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

First Year B.A. in German

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

PAPER - I:	MAXIMUM MARKS:	75	Duration three hours
PAPER - II :	MAXIMUM MARKS:	75	Duration three hours
PAPER - III:	<u>MAXIMUM MARKS:</u>	<u>50</u>	
TOTAL MARKS:		200	

PAPER - I GRAMMAR

Here all the grammar topics covered in the prescribed book Deutsch als Fremdsprache IA are to be consulted 75

PAPER - II COMPREHENSION, PARAGRAPH WRITING 75

(a) Two Comprehension passages from the prescribed text [25 marks each] examiners are expected to formulate questions on the passages as follows: 50

- 1a) True/False sentences 5marks
- 1b) Examiners should select five words/ verbs from the Text and ask the candidates to make five grammatically correct sentences with the help of those words 10 marks
- 1c) Fill in the blanks using words from the text 5 marks

(b) Write a short paragraph of about 10 to 15 sentences on any one of the following five themes 25

Topics for the paragraph writing should be:

- i) Portrait of a friend
- ii) Letter to a friend inviting him to visit your city explaining main attractions of the city
- iii) Description of your dream house
- iv) Visit to a restaurant / descriptive or dialogue form

Prescribed Textbook:
Schmoee

Deutsch als Fremdsprache-IA. By Braun, Nieder

Recommended Books:

1. Pons German – Travelers' Guide
2. Pons Starting German / Anfänger Deutsch

3. Cassels Language Guides: German A Handbook of Grammar, current usage and word power
4. Teste Dein Deutsch Stufe – I
5. Teste Dein Deutsch – II
6. Langenscheidt's or Collin's German – English / English – German Dictionary
7. Deutsch als Fremdsprache – IA & B. By: Braun Nieder Schmoee.
8. Sprachkurs Deutsch 1 & 2 Goyl Saab Publishers and Dealers in India 1997
9. Eindrücke - Einblicke Lehr- und Arbeitsbuch
10. Deutsche Sprachlehre für Ausländer - Dora Schulz & Heinz Griesbach

16. HOME SCIENCE

Scheme

Min. Pass Marks : 72

Max. Marks : 200

	Max. Marks	Min. Marks	Hrs. Period	No. of week
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Paper-I (Theory)	75	27	3	5
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Paper-II (Theory)	75	27	3	4
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Parcticals : Introductory

Taxtiles and Care-I	30	11	3	2
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Needle work-II	20	7	3	2
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Total	200	72		13
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Syllabus B.A. Part-I

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

Note:

1. Laundry & Textiles : 1 Practical/week
2. Clothing Practical : 2 Practical/week
3. Only Laundry and Textile Practical examination to be held in 1st Year. Clothing Practical to be started in 1st year and examination in 2nd year. Theory paper Anatomy and Physiology to be set by a medical person. The paper will contain 9 questions, having three questions from each section. Candidates are required to attempt five questions in all, selecting atleast one question from each section.

Paper-I Health Science (Anatomy and Physiology)

Max Marks : 75

Min Pass Marks : 27

(An elementary knowledge of the Subjects is expected)

Section-A

1. Structure and function of Cell. Different types of Tissues.
2. The skeleton system.
 - (i) Development Structure and Function of Bone.
 - (ii) Main Bones of the Body.
 - (iii) The Joints: Classification, Structure of typical synovial joints.
3. The Muscular System: Types of Muscles, structure and function.
4. The respiratory system : Purpose of Respiration, Structure and functions of all respiratory organs, Mechanism of breathing, external and Internal (Tissue) Respirations, Vital Capacity, Regulation of Respirations.

Section-B

5. The Vascular System :
 - (i) The Blood composition and functions, clotting of blood. Blood groups, Blood transfusion, Blood Banks.
 - (ii) The Heart Structure and functions. Blood vessels structure, Course of circulation of blood in the body blood pressure and pulse.
 - (iii) The Lymphatic System-Tissue fluid and Lymph, Function of

Lymph. Lymphatics and Lymphnodes. Spleen structure and functions.

6. The Digestive System : Purpose of digestion, structure and function of all the digestive organs. Mechanism of digestion and absorption of proteins, fats and carbohydrates.

Section-C

7. The Excretory System:
- (i) The Urinary System : Structure and function of all the organs Composition of Urine. Effect of diet, fluids, stimulants exercise, climate etc. on secretion of Urine.
 - (ii) The Skin : Structure and function, Regulation of body temperature.
8. The Nervous System:
- (i) Meaning, Cerebral Spinal Fluid.
 - (ii) Brain and Spinal Cord structure and functions.
 - (iii) Nerves and Autonomic Nervous system in brief.
9. The Special Sense Organs :
- (i) The Eye: structure and functions. Causes of eye strain, defects of vision and their correction.
 - (ii) The Ear structure and functions.
 - (iii) The Tongue (with Digestive system)
 - (iv) The Nose (with Respiratory system)
 - (v) The Skin (with Excretory system)
10. The Endocrine System : Ductless glands of the body. Hormones and their roles. Effects of over and under activity.

Books Recommended:

1. Anatomy and Physiology for Nurses- Evelyn Pears, Faber and Faber Ltd., London.
2. Anatomy, Physiology for Nurses- K.F. Armstrong.
3. Anatomy and Physiology for Nurses - W.Gordan Sears.
4. नर्सों के लिये शरीर सम्बंधी ज्ञान-इविन पियर्स।
5. शरीर प्रदीपिका-मुकुन्द स्वरूप शर्मा।

Paper-II Introductory Textiles and Care

Max Marks : 75

Min Pass Marks : 27

- I. 1. Textile Terminology

Syllabus B.A. Part-I

2. Classification of Textiles
3. General Properties of Textile Fibres
- II. Textile Fibres : Properties and their importance to the consumer with special reference to the care of the following fibres.
 1. Cotton, Silk, Wool, Asbestos
 2. Viscose Rayon, Nylon, Polyester, Acrylic, Glass
- III. Construction of Yarns and Fabrics :
 1. Spinning- Mechanical and Chemical
 2. Different types of Yarns, Simple and Complex
 3. Weaving, Felting, Knitting, Braiding
- IV. Finishing :
 1. Basic: Bleaching, sizing and Desizing Singeing Tentering, Beetling Mercerizing Shrinkage Control.
 2. Embossing : Moiring and Napping.
- V. Applied Design :
 1. Block printing, Screen printing and roller printing
 2. Dyeing : Types of Dyes (a) Tie and dye (b) Batik
- VI. Care of Textiles :
 1. Water : Hard and Soft water, Effect of hard water in laundry Removal of hardness of water by (a) Boiling (b) Soda Treatment (c) Zeolite water softening.
 2. Laundry Agents : (a) Soaps and Detergents (b) Bleaches (c) Blues and other whitening agents (d) Solvents and Absorbents (e) Starches.
 3. Care and Storage of Clothes.
- VII. Selection of Fabrics for various uses in the home:
 1. Garments keeping in view:
 - (a) Climate, weather, comfort, utility and occasion.
 - (b) Texture and line in relation to figure and size
 - (c) Fashion
 2. Household linen and furnishings in reference with service durability and appearance.
- VIII. Consumer problems, labelling standardization and quality control.
- IX. Traditional Embroideries of different states.
- X. 1. Traditional Textiles of India. Bandhani, Ikat

2. Woven Textiles : Baluchari, Brocade, Painthani

Practical-I Introductory Textiles and Care

Max. Marks 30 Min Pass Marks : 11 Duration 3 Hours

1. Care of special clothes : Fur, Lace, Leather
2. Dry cleaning with special reference to spot cleaning
3. Simple Home Dyeing, Tie and Dye
4. Stain removal
5. Identification of Textile Fibres : Visual and Buring
6. Identification of Basic Weaves : Plain, Twill and Satin
7. Simple colour fastness tests: 1. Washing 2. Ironing
8. Conduct a market survey for collection of fabric samples

1. Apparel 2. Linens 3. Furnishing

Distribution of Marks: Sessional	10
Final Exams	20
(a) 2 major problems from S.No. 1, 2 and 3	10
(b) 5 minor problems from S.No. 4 to 8	10

Practical - II Needle Work

Max. Marks : 20 Min Pass Marks : 7 Duration 3 hrs.

- I. (a) Equipment for printing, cutting and sewing
(b) Sewing machine, its parts, common defects and how to remedy them.
- II. Construction process in garment making.
 - (a) Simple stitches
 - (b) Seams and seam finishes
 - (c) Darts, tucks, pleats and gathers
 - (d) Finishing of raw edges-turning down a hem, piping facing and top sewing.
 - (e) Placket openings
 - (f) Fasteners
- III. Embroidery on any household article.
- IV. Knitting-10 Samples reading knitting partners.
Baba suit for two years old.

Distribution of Marks: Sessional	5
Final Exams	15
(a) One major/ 2 minor construction processes	05

Syllabus B.A. Part-I

- | | |
|---|----|
| (b) Embroider a handkerchief (complete) | 05 |
| (c) One knitting sample | 05 |

17. TEXTILE CRAFT

Scheme :

	Dura- tion	Max. Marks		Min. Pass Marks	
		Arts/Com.	Sc.	Arts/Com.	Sc.
(i) Theory : One Paper	3 hrs.	60	50	22	18
(ii) Practical	5 hrs.	80	50	28	18
(i) Submission		<u>60</u>	<u>50</u>	<u>22</u>	<u>18</u>
		<u>200</u>	<u>150</u>	<u>72</u>	<u>54</u>

Syllabus :

Paper I : Theory

Max. Marks 60

3 hrs. duration Min. Pass Marks. 22

(i) 'Weaving Theory : Fibre- Yarn manufacture, fabric manufacture, elementary (basic) weaves.

(ii) Dyeing Theory : Types of dyes, Dyeing Process (hand dyeing and piece dyeing).

Paper II : Practical

Max. Marks 80

5 hrs. duration Min. Pass. Marks. 28

(i) Tie & Dye, (ii) Batik, (iii) Elementary Wears, (iv) Hand Painting, (v) Natural Study, (6) Spray Painting (Stencil Method), (7) Designs for Practical, (8) Basic Designs.

Developing Designs for Practicals:

1. Table cloth, Napkin, Wall hanging.
2. Concept of Colours and Colour Scheme.

18. GARMENT PRODUCTION & EXPORT MANAGEMENT

B.A./B.Sc. B.Com : GMEM Part I

B.A./B.Com-part	Paper no.	Nomenclature of the paper	Teaching hrs. per week	Max. marks	Min.Pass marks	Duration examination (hrs.)
Theory	1	Understanding textile	3	60	22	3
	2	Business and accounting	3	60	22	3

<i>Syllabus B.A. Part-I</i>						
Practical	1	Clothing construction-1	6	80	28	4

B. Com./B.A./B.Sc. Part-I
PAPER I : UNDERSTANDING TEXTILE

B.A./B.Com. M.M. 60

HRS.3

B.Sc. M.M. 50

Section A : Textile Technology

1. Origin and Properties : Natural fibres—cotton, wool, silk
Regenerated - Rayon, Acetate
Synthetic fibre - Nylon, Acrylic
2. Fibres to yarns : The basic processes involved in making fibre into yarns including Blending, carding, combing & spinning
3. Fabric construction : Weaving plain, twill, & satin weave. Knitting - warp & weft knitting. Elementary knowledge of braiding & felting.
4. Fabric finishes –
 - (1) Brief knowledge of fabric finishes
 - (2) Preliminary steps to finishing.
 - (3) Elementary knowledge of calendaring, mercerization and tentering.

Section - B: Traditional Textile

5. Knowledge of Hand woven fabrics:
Hand woven - Dacca muslin, Jamdani, Chanderi, Brocade, Baluchari, Kashmiri shawls, Doria, Kanjivaram.
6. Dyed fabrics—Band.....Patola
7. Printed fabrics - Kalamkari
8. Block printed fabric Madhubani

Section - C: Design

9. (a) Creating elements & principles of design
(b) Classification of Design - Structural and Decorative
(c) Layout of design - Repeat, Drop devices & bases.

Syllabus B.A. Part-I

10. Application of design

(a) Printing :

Methods of printing - block, screen, stencil, roller
Styles of printing - Direct discharge & resist

(b) Dyeing : Introduction to Natural and Synthetic Dyes.

Reference:

Combman, Textile Fiber to Fabric

Phyllis G, Titora, Understanding Textile.

Naik, Traditional Embroideries of India.

Bhatnagar, Paul, Traditional Indian Costumes and Textiles.

Paper-II

Business & Accounting

BA/BCom MM 60

HRS-3

B.Sc. MM 50

Section - A

1. Meaning and scope of business with special reference to Garment export trade in India.
2. The important factors to be considered at the time of the commencement of the business (legal, economical and social).
 - (a) Individual organisation (Sole).
 - (b) Partnership.
 - (c) Co-operative.
 - (d) Company-(Private and Public)
 - (e) Public sector.
3. Objects, importance and utility of Book-keeping.
4. Principles of double entry, Book-keeping & working practical knowledge.
5. Classification of Account.

Section - B

6. Posting to Ledgers and balance of Ledgers.
7. Writing of subsidiary Books-Purchase Book, and posting to Ledger.
8. An introductory knowledge of Final accounts (without Adjustments)

Section - C

9. Project Planning for Garment Production Unit--

- (a) The size of the unit, (Production & storage space, Laundry area)
 - (b) Site selection for the unit.
 - (c) Procurement of fixed assets—
 - (1) Sewing machines.
 - (2) Furniture and Fixtures
 - (3) Land and Building
11. Procurement of working capital procedure, raw material reduction operating cycle.
12. Budgeting—Practical aspects of budgeting for Garment Production Unit (For size of 5, 10 & 20 machines)

Reference:

1. Kaplan S. Robert, Anthony A. Alkinson, Advance Management Accounting.
2. Prof. N.P. Agarwal, Sujan L Jain, Dr. M.L. Sharma, Dr. S.K. Mangal, Cost Accounting.
3. Dr. S.N. Maheshwari, Management Accounting and Financial Control. K.K. Sharma.

Practical - I
Clothing Construction - I

HRS-4

B.A./B.Com. MM 80

B.Sc MM 50

1. **Pattern Making**
 - (a) Adults Basic Bodice and sleeve block (Block Method)
 - (b) Sleeve Variations: Slash and spread method - Puff & bishop Sleeve. Sleeve Bodice Combination - Magyar, Raglan sleeve.
 - (c) Collar Variation: Flat Pan Collar, Raised Peter Pan collar Convertible Collar.
2. **Samples**
 - (a) Basic seams
 - (b) Hems - Simple Hem. Invisible Hem.
 - (c) Placket - Continuous wrap placket, Two-piece placket.
3. **Basic Embroidery Stitches:**
Chain, Stem, Running, Lazy Dazy, Satin, Herringbone Buttonhole, Bullion knot, French knot, Feather.

Syllabus B.A. Part-I

4. **Taking body measurements and knowledge of std. measurements from child to adults.**
5. **Drafting, cutting & stitching of following garments with appropriate techniques:**
 - (a) Petticoat
 - (b) Salwar Kameez / Churidar Kurta
 - (c) Blouse
 - (d) Nightie / Night suit

Reference:

1. Jindal, Ritu, Handbook of Fashion Designing.
2. Kallah, Mary Jo, Constructions.
3. Mitchell Beazley, The Sewing Book a complete practical guide.

19. INVESTIGATIVE BIO-TECHNOLOGY

Paper I : Bio-Chemistry and General Bacteriology

Max. Marks 60

3 hrs. duration

Min. Pass Marks 22

Teaching Periods 60

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

1. Introduction and Scope of Bio-Chemistry.
2. Simple Analytical techniques : Weighing of solids and liquids; Preparation of solutions : Simple acid-base titration.
3. pH, Buffers types and their uses.
4. Mole, Molar and normal solutions, concentration units.
5. Classification and metabolism of Carbohydrates, Lipids, Proteins, Nucleic acids and Nucleo proteins.
6. Introduction of Vitamins and Enzymes; Clinically important Enzymes and their estimation.
7. Metabolism of inorganic substances like Iodine, Phosphorous, Copper, Iron and Calcium.
8. Electrolytes in various tissue fluids in health and disease.
9. Gastric Analysis- Functional test of Liver, Kidney Pancreas and alkalosis, acidosis.

Section-B General Bacteriology (Teaching Period 30)

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


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

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

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

1. Introduction to human body.
2. Important land marks in surface anatomy for L.M. and I.V. injection in adults, children and infants
3. Musculo- Skeleton and Respiratory system.
4. C.V.S. (Cardio Vascular System) circulation.
5. G.I.I.T. (Gestro Intestine Tract), Lever, Gallblader & Pancreas.
6. Urinary System.
7. C.N.S. (Central Nervous System) and A.N.S. (Autonomic Nervous System)
8. Endrocrines and Reproductive system.
9. Skin and temperature regulation.

Section - B : Hematology (Teaching Period 30)

1. Structure of cell and cell division.
2. Blood forming tissues and Bone-marrow.
3. Formation of RBCs. granulocytes, Mononuclear cells, Platelets and their normal counts.
4. Blood coagulation.
5. Anaemias-classification, diagnosis.

Practicals

Max. Marks 80 (52x3 periods) Min. Pass Marks 28

Unit-I : Bio-Chemistry

1. Glassware use ' in Bio-chemistry.
2. Cleaning of Glassware, weighing and measuring volumes.
3. Making and testing of distilled water.
4. Importance of calibration of glass apparatus used in estimation.

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Syllabus B.A. Part-I

5. Collection, coding, preservation and disposal of biological specimen material for biochemical analysis.
6. Principles of Colorimetry and verification of Lambert-Beer's Law.
7. Bio-chemical estimation of-
 - (a) Sugar
 - (b) Urine
 - (c) Stool
 - (d) Protein
 - (e) A.G. ratio.
8. Detection of Organic poisons like opium, opium and vomite.
9. Detection of Inorganic poisons like copper, arsenic, antimony, tin, mercury, lead, barium and zinc phosphate, cyanides & insecticides.

Unit-II General Bacteriology and Hematology

General Bacteriology :

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

Hematology :

1. Collection of blood from various sites in adult and children.
2. Cleaning of slides and cover slips and identification of various pipettes and their cleaning.
3. Making of stains used in Hematology.
4. Staining and examination of blood films.
5. Differential RBC and WBC counts.
6. Estimation of Hemoglobin by comparator and calorimeter.

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MATHEMATICS

Teaching: 3 Hours per Week per Theory Paper

2 Hours per Week per batch for Practical

(20 candidates in each batch)

Examination:

		Duration	Max. Marks
Paper-I	Discrete Mathematics	3 hrs	24/66
Paper-II	Calculus	3 hrs.	24/66
Paper-III	Three-Dimensional Geometry And Optimization Theory	Theory: 2½ hrs. Practical: 2 hrs	16/44 08/24
	Total Marks		72/200

Note:

1. Paper I and II are divided into Five Units. Two questions will be set from each Unit. Candidates are required to attempt Five questions in all taking ONE questions from each Unit. All questions carry equal marks.
2. Paper III is divided into FOUR Units. TWO questions will be set from each Unit Candidates are required to attempt FOUR questions in all taking ONE question from each Unit. All questions carry equal marks.
3. Common paper will be set for both the Faculties of Social Science and Science. However, the marks obtained by the candidate in the case of Faculty of Social Science will be converted

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Syllabus B.A. Part-I

according to the ratio of the maximum marks of the papers in the two Faculties.

4. Each candidate is required to appear in the Practical examination to be conducted by internal and external examiners. External examiner will be appointed by the University and internal examiner will be appointed by the Principal in consultation with Local Head/Head, Department of Mathematics in the college.
5. An Internal/external examiner can conduct Practical/ Viva-voice Examination not more than 100 (Hundred) Candidates (20 Candidates in one batch).
6. Each candidate has to pass in Theory and Practical examinations separately.

Paper-I: Discrete Mathematics

Teaching : 3 Hours per Week

Duration of Examination : 3 Hours Max. Marks: 50 (Science)

66 (Arts)

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

Units 1: Sets and Propositions- Cardinality, Principal of inclusion and exclusion Mathematical induction

Relations and Functions- Binary relations, equivalence relations and partitions, partial ordered relations and Lattices, Chains and Antichains, Pigeon Hole principle.

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Unit 2: Algebraic structures-Groups, Rings, Integral domains, Fields (Definitions, simple examples and elementary properties only).

Boolean Algebras - Lattices and Algebraic structure, Duality, distributive and Complemented Lattices. Boolean Lattices, Boolean functions and expressions.

Unit 3: Computability and formal languages - Ordered sets. Languages, Phrase, Structure, Grammars, Types of Grammars and Languages.

Finite State Machine - Equivalent machines, Finite State Machines as language recognizers.

Discrete numeric functions and Generating functions. Recurrence relations and Recursive Algorithms - Linear Recurrence relations with constant coefficients. Homogeneous solutions. Particular solution. Total solution. Solution by the method of generating functions.

Unit 4: Graphs - Basic terminology, Multigraphs, Weighted graphs, Paths and circuits, Shortest paths, Eulerian paths and Circuits. Travelling Salesman problem. Union, Join, Product and composition of graphs. Planar graphs and Geometric dual graphs.

Unit 5 : Trees - Properties, Spanning tree, Binary and Rooted tree.

Digraphs - Simple digraph, Asymmetric digraphs. Symmetric digraphs and complete digraphs, Digraph and Binary relations. Matrix representation of graphs and digraphs.

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Syllabus B.A. Part-I

Paper-II: Calculus

Teaching : 3 Hours per Week

Duration of Examination : 3 Hours Max. Marks: 50 (Science)

66 (Arts)

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

Unit 1: Series - Infinite series and Convergent series. Tests for convergence of a series-Comparison test, D'Alembert's ratio test. Cauchy's n-th root test, Raabe's test, De-Morgan-Bertrant's test. Cauchy's condensation test, Gauss's test, (Derivation of tests is not required), Alternating series. Absolute convergence. Taylor's theorem. Maclaurin's theorem. Power series expansion of a function. Power series expansion of $\sin x$, $\cos x$, e^x . $109 (1+x)$, $(1+x)^n$

Unit 2: Derivative of the length of an arc. Pedal equations. Curvature- various formulae, Centre of curvature and Chord of curvature. partial differentiation. Euler's theorem for homogeneous functions. Chain rule of partial differentiation. Differentiation of implicit functions.

Unit 3: Envelopes. Maxima and Minima of functions of two variables. Lagrange's method of undetermined multipliers. Asymptotes. Multiple points. Curve tracing of standard curve (Cartesian and Polar curves).

Unit 4: Rectification Areas. Volumes and Surfaces of solids of revolution.

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Syllabus B.A. Part-I

Unit 5: Double integrals in Cartesian and Polar Coordinates, Change of order of integration. Triple integrals. Application of double and triple integrals in finding areas and volumes. Dirichlet's integral.

Paper-III: Three- Dimensional Geometry and Optimization Theory

Teaching : 3 Hours per Week

Duration of Examination : 2½ Hours

Max. Marks: 32 (Science)

44 (Arts)

Note: (i) This paper is divided into FOUR Units. Two questions will be set from each Unit. Candidates are required to attempt four questions in all taking One question from each Unit. All questions carry equal marks.

(ii) Non-Programmable Scientific Calculators are allowed.

Unit 1 : Sphere. Cone and Cylinder.

Unit 2: Central Conicoids - Ellipsoid, Hyperboloid of one and two sheets, Condition of tangency for a plane, Director sphere, Normals, Generating lines of hyperboloid of sheet and its properties. Reduction of a general equation of second degree in three dimensions to standard forms.

Unit 3: The linear programming problem. Problem Formulation. L.P.P. in matrix notation. Graphical solution of linear programming problems. Basic solution. Some basic properties of convex sets. Theo-

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Mr
Section Officer (Acad-I)
University of Rajasthan
JAIPUR

Syllabus B.A. Part-I

blems based on convex sets. Fundamental theorem of L.P.P. Application of the Simplex method for solution of a L.P.P. to simple problems.

Unit 4: Duality. Fundamental theorem of duality. Properties and Simple problems of duality, Assignment problems. Transportation problems.

Practical :

Teaching: 2 Hours per Week per Batch

(20 Candidates in each Batch)

Examination :

Duration : 2 Hours

Scheme

Science

Arts

Max. Marks

18

24

Min.Pass Marks

06

08

Distribution of Marks

Two Practicals one from each group

6 Marks each

=

12 Marks (08 marks each)

16

Practical Record

=

03 Marks

04

Viva-voce

=

03 Marks

04

Total Marks

=

18 Marks

24

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

Group B: Modelling of industrial and engineering problems into

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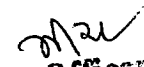
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Syllabus B.A. Part-I

Assignment Problems and (ii) balanced and unbalanced Transportation Problems and their solution.

Note:

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


Section Officer (Acad-I)
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ECONOMICS

Scheme :	Min. Pass Marks	Max. Marks
Arts	72	200
Science	54	150
Paper-I	3 hours duration	Arts 100
		Science 75
Paper-II	3 hours duration	Arts 100
		Science 75

Note : 1. There shall be two papers in each class. Each paper shall have 3 questions from every unit. In Addition to these nine questions (3 questions for each unit) there shall be one multiple choice/ objective type/ short answer question in each of the two papers

Syllabus B.A. Part-I

This question shall be compulsory.

2. The student shall be required to attempt five questions in all in each paper selecting atleast one question from each unit and one compulsory multiple choice/objective type/short answer question
3. The multiple choice/objective type/short answer question shall consist of 20 questions in B.A. Examination and 15 questions in B. Sc. examination of one mark each.

Paper-I : Microeconomic Theory

Unit-A

Introduction : Micro and Macro Economics; Static, dynamic, and comparative static analysis; Positive and normative economics; Functions of an economic system; Problems of choice and allocation, Role of the Price System.

Theory of consumer behavior: Utility analysis- cardinal and ordinal approach; price consumption curve and Income consumption curve; Price, substitution, and income effects; Normal, inferior and Giffen goods; derivation of demand curve; concept of consumer surplus.

Elasticity of demand: Price, income and cross price elasticities; Methods of measurement of price elasticity of demand; Substitutes and complementary goods; relationship between price elasticity, AR; and MR; Factors affecting price elasticity of demand.

Unit-B

Production Function : Law of variable proportions: three stages of production; Isoquant and isocost, Firm's Equilibrium and optimum factor combination: Laws of returns and returns to scale, production function and technological progress.

Theory of cost : cost concepts and cost curves; revenue curves: Different market structures, determination of price and output under Perfect competition, Monopoly, Monopolistic competition and oligopoly.

Unit-C

Theory of Distribution : Marginal productivity theory of distribution, factor pricing under perfect and imperfect competition in labour market: Ricardian and Modern theory of rent: Classical and liquidity preference theory of interest; Risk and uncertainty theory of profit.

Books and References :

1. Dominick Salvatore : Microeconomics—Theory and Applications.

oxford university Press, 2008

2. H.L. Ahuja : Advanced Economic Theory, S. Chand and Company, New Delhi.
3. H.L. Ahuja : Uchchar Arthik Siddhant, S. Chand and company, New Delhi.
4. Laxminarayan Nathuramka: Vyasti Arthshastra, College Book House, Jaipur.
5. J.P. Gould and C.E. Ferguson : Microeconomic Theory revised by J.p. Gould and e.P. Lazer, All India Traveller Book Seller, Delhi.
6. Paul A. Samuelson, William D. Nordhaus, Sudip Chaudhuri & Anindya Sen : Economics, Tata MmGraw Hill, 19th edition, 2010.
7. Hal R. Varian, Intermediate Microeconomics, W.E. Norton and Co., 8th Edition, 2010.

Paper-II: Indian Economy

Unit-A

Basic Characteristics of Indian Economy, Natural Resources : Land, Minerals, Water, Forests and Power resource.

Population : Size and growth, Labour Force, Occupational Distribution, and Population Policy, Human resource development indicators (i.e., literacy, health, nutrition etc.)

Agriculture : Role and importance of Agriculture in the Indian Economy; Productivity Trends of Major crops (for last fifteen years), Land Reforms Legislation, Irrigation and Irrigational Policy; Use of Fertilizers and Fertilizer Policy; Institutional credit for Agriculture, marketing of agricultural goods – support price and public distribution system, New Strategy of Agricultural development, Agricultural Policy in India, Capital Formation in Indian Agriculture.

Unit-B

Industry : role, strategy and challenges, cottage and small scale industries- policy; problems and future perspective; Public and Private Sector Industries, Industrial finance- role of financial institutions and commercial banks; Problems of Trade Union Movement; Social Security Programmes; Industrial Policy- pre and post reform period, Recent Industrial Policy, New economic policy and disinvestment of public sector undertakings.

Syllabus B.A. Part-I

Foreign investment: trends and its role in economic development of India.

Foreign trade: size, composition and direction; recent trends in India's foreign trade; Foreign trade policy.

Unit-C

Planning in India: Objectives of five year plans, review of economic progress under the plans, A comprehensive study of the latest five year plan.

Problems of Poverty, Unemployment, Inflation and Regional Inequalities; Rural development programmes and policy; Sectoral reforms in infrastructure after 1991- power, communication, Education and health sectors; Globalization and Strategies for MNCs.

Present position of Rajasthan in Indian Economy, population, Human Resource Development (Literacy, health & nutrition); per capita income, agriculture, industry and infrastructure, Natural Resources: Land, Water, Livestock and Minerals; Constraints in economic development of Rajasthan and measures to overcome them.

Books and References :

1. Rudra Rudra Datta and K.P.M. Sundaram : Indian Economy (Hindi & English), S. Chand, New Delhi.
2. S.K. Misra and V.K. Puri : Indian Economy, Himalaya publishing House, New Delhi.
3. A.N. Agarwal : Indian Economy, Vikas Publishing Co., New Delhi.
4. Laxminarayan Nathuramka : Bhartiya Arthvyavastha, College Book House, Jaipur.
5. Laxminarayan Nathuramka : Rajasthan Economy, National Publishing House, Jaipur.
6. Government of India : Economic Survey (Hindi & English).
7. Government of India : Five Year Plan (Latest).

23. GEOGRAPHY

Scheme:	Min. Pass Marks	Max. Marks
Arts	72	Arts 200
Science	54	Science 150
Paper-I: 3 hours duration	Physical Geography	Arts 75 Science 50

Paper-II: 3 hours duration

Geography of
Rajasthan

Arts 75
Science 50

Practical: 3 hours duration

Arts 50
Science 50

Note:

1. Students are permitted to use the stencils, simple calculator and long tables wherever needed in the Examinations.
2. There will be a common paper for Arts and Science.
3. Q. 1. will be compulsory and will cover the entire course contents of the paper
Q. No.1 of 20% marks of the total marks be set in two parts :
(a) Q. on map (to be supplied by Exam Centre) of 10% marks.
(b) Q. objective type (Multiple choice and very short answer) of 10% marks.
4. Remaining nine questions will be set with three questions from each section of the syllabus.
5. Candidate will attempt five questions in all selecting at least one question from each section.
6. The allocation of marks will be different for Science and Arts students.
7. Practical examination will be conducted by the Board of Examiners.
8. The candidate will have to pass in theory & practical separately.
9. The Non-collegiate students will have to complete the practical work in consultation with the Head of the department of Geography at any one of affiliated colleges of Rajasthan University in which Geography subject is taught and in the case of non collegiate students appearing at Examination from any examination centre Located in Jaipur city the practical camp & shall be conducted by the University post graduate Geography Deptt and the candidate will procure a certificate in this regard to be produced at the time of practical examination.

Paper-I Physical Geography

Section-A

Nature and scope of Physical Geography. Main divisions of

physical geography. Geological Time Scale, Solar System, Origin of the Earth introduction to various theories, Interior of the Earth. Origin of continents and oceans. Theory of Continental Drift (Wegener's Drift theory). Introduction of Plate Tectonics. Theory of Isostasy. Earth Movements and resultant structural forms. Volcanoes and Earthquakes. Rock Denudation: (i) Weathering- types and results, (ii) Erosion- concept of cycle of erosion, Agents of erosion- works of running water, glaciers, wind, waves and underground water. Erosion and conservation of land.

Section-B

Composition and structure of the atmosphere. Environmental pollution and Atmospheric Hazards- causes, types and effects. Insolation, Diurnal, monthly and annual average temperatures, Maximum and minimum temperatures: world patterns- July and January (Horizontal shifting and breaking of temperature belts), Vertical distribution of atmospheric temperature, Inversion of Temperature. Types of Rainfall, Forms of Condensation, World Distribution of Rainfall- July and January, Humidity- types and world pattern.

Air Pressure: Global pattern, seasonal shifting and breaking of pressure belts. Vertical distribution of air pressure.

Winds : Permanent, Periodical and Local winds, Air Masses, Cyclones, anti-cyclones and associated weathers.

Clouds: Formation and Types.

Classification of Climate by Koppen and Thornthwaite, Climatic Zones of the world and their salient characteristics. Climate and human Health.

Section-C

Definition, Scope and Nature of Oceanography. Importance of study of Oceanography, Hydrological Cycle-Normal and in arid, humid and cold climatic zones, Ocean floor (Hypothetical). Floor of the Indian Ocean. A detailed study.

Distribution of Temperature of Ocean water-Horizontal and Vertical.

Salinity: Open Oceans, Partially enclosed seas and Land locked seas. Causes of inequalities.

Movements of Ocean water: Waves, Tides and Currents. Marine deposit. Coral reefs.

Oceans as the store house for future (economic importance).
Pollution of Ocean waters: Causes and Results.

Books Recommended:

1. Minshul, Roger : The Changing Nature of Geography. Hutchinson University Library, O London. 1970.
2. Strahler, A. N. and Strahler, A.H. : Elements of Physical Geography, John Wiley & Sons. 1984.
3. Thornbury, W.O. : Principles of Geomorphology. John Wiley & Sons, (Latest Edition.)
4. Ahmad, E. Geomorphology, Kalyani Publishers. New Delhi.. 1985.
5. Singh, Savinder : Bhu-Akriti Vigyan, Tara Publication, Varanasi. 1976.
6. Wooldridge. S. W. and Morgan. R. S. : The Physical Basis of Geography: An Outline of Geomorphology, Longmans Green & Co. London. 1959

Reference Books:

1. Strahler, A.M. : Modern Physical Geography. John Wiley and Sons. 1983.
2. Bury, G.S. : The Face of the Earth, Penguins. 1980 Edition.
3. Small, R J : The Study of Land forms, Cambridge University Press, Cambridge (Latest Edition)
4. Bartholomew, R.B. : Earth Science, Health & Co. Toronto, 1984.
5. Wooldridge, S.W. : The Geographer as Scientist. Thomas Nelson and Sons. Ltd, London: 1956.
6. Trewartha. G.T. and Ikrata: Introduction to Climate. International Studies.
7. Critchfield, H.-General Climatology. Prentice Hall. New York (Latest Edition).
8. Banerji. R C. and Upadhyaya. D.S.: Mausam Vigyan. Rajasthan Hindi Granth Academy, Jaipur. 1978.
9. Lyolph. Paul, E : The Climate of The Earth. Rowmen and Allanheld. Totowa H.J. 1985.

10. Mathur, J.R. : Climatology, McGraw Hill. New York (Latest Edition).
11. Patterson. S.: Introduction of Meteorology. McGrawHill Book Co. London, (Latest Edition).
12. Striger, E.T. : Foundation of Climatology, Surjeet Publications, Delhi, 1982.
13. Thurman, H.B. : Introductory Oceanography, Charles Webber E. Mem Publishing Co. 1984.
14. Gerald, S. : General Oceanography: An Introduction, John Wiley & Sons, New York, 1980.

Paper-II Geography of Rajasthan

Section-A

Physical aspects of Rajasthan : Geological Structure, Relief, Climate, Drainage, Natural Vegetation, Soils. Environmental Pollution—Causes and types. Drought, Desertification, Soil erosion and conservation. Water Resources: Availability, Problems and Conservation of water.

Section-B

Economic Aspects: Irrigation, Sources, types, irrigation intensity, cropwise irrigation, quality of irrigation water, problems. Irrigation Projects: Detailed study of Indira Gandhi Canal Project, Chambal Valley Project, Mahi Bajaj Sagar Project, Impact of these projects on physical and socio-economic aspects.

Agriculture : Development under Five Year Plans, Problems of Agriculture Development Plans.

General Land Use: Live-Stock and Dairy Development, Minerals.

Industries: Textile, Sugar, Cement, Marble and Granite, Fertilizer, Zinc and Copper smelting.

Power & Energy : Hydro-electricity, Coal. Petroleum. Solar energy. Bio-energy. Transport & Trade. Development of Tourism. Desert development programme. Tribal Areas development programme, Aravali Hill Development programme.

Section-C

Cultural and Demographic Aspects : Population-number, growth, distribution and density, Rural and urban, Male and female population, Literacy status, Occupational structure, Schedule castes and schedule tribes. Study of Bhils. Meena and Garasias. Population Problems.

Settlement Pattern : Types of settlements, building materials and house types in Rajasthan with examples. Factors affecting settlements.

Book Recommended :

1. Chouhan, T.S. : Geography of Rajasthan, Jaipur.
2. Bhalla L. R. : Geography of Rajasthan, Kuldeep Publication.
3. Mishra. V. C. : Geography of Rajasthan.
4. Sharma B. L. : Agricultural Typology of Rajasthan.
5. Govt. of Rajasthan: Techno-Economic Survey of Rajasthan Govt. of Rajasthan Publication.
6. Singh, R. L. : Regional Geography of India.
7. Gurjar. R. K. : इन्दिरा गांधी नहर क्षेत्र का भूगोल, राजस्थान हिन्दी ग्रंथ अकादमी, जयपुर।

PRACTICALS

Unit I : Scales

Representation of Scale on map. Conversion of R. F. into Statement and vice-versa. Finding out Scale on the map. Construction of Plain. Diagonal, Comparative and vernier scale.

Unit II : Representation of Relief

Methods of Showing Relief

Spot heights. Trigpoint. Bench Mark, Hachures, Hill-Shading, Layer Tints. Contour-Illustrations and their comparative merits and demerits.

Interpolation of Contour-Simple method, Vertical exaggeration. Intervisibility.

Contour Drawing:

Contours of important land forms---

(i) Types of slopes (ii) 'U' shaped and hanging valleys (iii) Cirque (iv) 'V' shaped valley (v) Waterfall and rapids (vi) Gorge (vii) Simple meander and Ox-bow lake (viii) Spur (ix) Conical Hill (x) Ridge with pass-col and saddle. (xi) Plateau (xii) Sea cliff and escarpment (xiii) Lake and (xiv) Caldera.

Unit-III: Profiles

Definition, types, use, Methods of drawing of a profile-strip method and perpendicular method. Significance of vertical exaggeration while drawing profiles of mountainous and plain areas. Drawing of serial, superimposed, composite, transverse and longitudinal profiles, Identification of relief features along a profile and their explanations.

Unit- IV : Weather Maps

Study and interpretation of Indian weather maps (July & January). Knowledge of weather instruments and weather symbols, Representation of climatic data-use of line and bar graphs. Drawing of Isobars, Isotherms and Isohytes maps. Construction of climograph and Hythergraphs.

Unit- V : Chain and Tape Survey

Knowledge of instruments and their uses. Open and closed Traverse survey. Survey along a slope. Merits and demerits of Chain and Tape Survey.

Distribution of Marks for the purpose of examination.

1. Written Test	3 hours	24 marks
2. Record & Viva		12 (7+5)
3. Field work & Viva	2 hrs. 30 minutes	14 (9+5)

Total- 50 marks

Books Recommended:

1. Monkhouse, F J : Maps and Diagrams, Methuen & Co., London.
2. Singh, R. L. and Dutt, P. K. : Elements of Practical Geography, Students Friends, Allahabad.
3. Mishra, R. P. and Rainesh, A. : Fundamental of Cartography, Macmillan, New Delhi. 1986.

Reference Books:

1. Garnett. A : Geographical Interpretation of Topographical Maps. George Harrap & Co., London.
2. Birch. T. W. : Topographical & Statistical Maps, Clarendon Press, Oxford.
3. Robinson, A. I. and others: Elements of Cartography. John Wiley and Sons, New York.

24. 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 Distributions and density functions (Continuous and Discrete Cases). Chebychev's Inequality and its applications. **18 hours**

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**

Syllabus B.A. Part-I

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

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

References

1. Bhatt, B. R. Srivenkatramana, T and Rao Madhava K. S. (1997): *Statistics: A, Beginner's Text, Vol. II*, New Age International (P) Ltd., New Delhi.
2. Goon A.N., Gupta M. K., Das Gupta B. (1991) : *Fundamentals of Statistics, Vol, II*, World Press, Calcutta.
3. Kapoor V.K. & Gupta S.C. : *Fundamentals of Mathematical Statistics*, Sultan Chand and Sons, New Delhi.
4. Mood A.M., Graybill F. A. and Bose, D. C. (1974) : *Introduction to the Theory of Statistics*, McGraw Hill.

Additional References

1. Hoel P.G. (1971) : *Introduction to Mathematical Statistics*, Asia Publishing House.
2. David, S (1996) : *Elementary Probability*, Oxford Press.
3. Cooke, Cramer and Clarke: *Basic Statistical Computing*, Chapman and Hall.
4. Meyer P.L. (1970) : *Introductory Probability and Statistical Applications*. Addison Wesley.

Paper II : Descriptive Statistics

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

quency curve and ogives.

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

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

References

1. Bhatt B. R. Srivenkatramanna T and Rao Madhava K.S. (1997): Statistics: A Beginner's Text, Vol. I, New Age International (P) Ltd., New Delhi.
2. Croxton F.E., Cowden D. J. and Kelin S (1973) : Applied General Statistics, Prentice Hall of India, New Delhi.
3. Goon A. M., Gupta M. K., Das Gupta B. (1991) : Fundamentals of Statistics, Vol. I, World Press, Calcutta.

Additional References

1. Anderson T.W. and Sclove S.L. (1978): An Introduction to the Statistical Analysis of Data.
2. Cooke, Cramer and Clarke : Basic Statistical Computing. Chapman and Hall.

Syllabus B.A. Part-I

3. Mood A.M. Graybill F.A. and Bose D.C. (1974) Introduction to the theory of statistics Mc Graw Hill New York.
4. Spiegel, M. R. (1967) : Theory & Problems of Statistics, Schaum's Publishing Series.

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 Lagrange's Formulae.

25. APPLIED STATISTICS

Scheme:	No. of hrs. per week	Max Marks		Min. Pass Marks	
		Sc.	Arts	Sc.	Arts
Paper- I	3 hrs.	50	65	-	24
Paper-II	3 hrs.	50	65	-	24
Paper-III (Practical)	4 hrs.	50	70	18	24
Total	10 hrs.	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: Functional relationship between two variables, Polyno-

mials, exponential, logarithmic & Binomial functions and their expansions. Infinitesimal quantity. Idea of permutation and combination. Notion of limit. Rules for finding limits. Continuity, Differential Coefficient and its physical interpretation as a rate measure. Standard results for differential coefficients of x^n , e^x , $\log x$ etc. (without proof). Rules for differentiation of sum, difference, product and quotient and function of a function (without proof). **18 hours**

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

Unit III. Important Concepts of Probability: Random Experiment, Trial, Events and their types. Classical and Statistical definitions of Probability. Sample point and sample space. Axiomatic Approach to Probability and its properties. Addition and Multiplication theorems of probability. Conditional Probability. Baye's Theorem and its Applications (Simple Problems only). Chebychev's Inequality and its applications. **18 hours**

Unit IV. Random Variable: Probability Mass Function, Probability Density Function. Distribution Function, Joint Probability Distribution, Marginal and Conditional Probability distribution (Continuous and Discrete case). **18 hours**

Unit V. Mathematical Expectation: Expectation of a random Variable and its properties. Addition and Multiplication Theorems of Expectation. Conditional Expectation. Definition of Variance and Covariance, Moments, Skewness and Kurtosis. Moment Generating Functions and their simple properties. Definitions of Binomial Distribution, Poisson Distribution, Normal Distribution, Gamma Distribution, Beta Distributions their mean, Variance & mgf. **18 hours**

References:

1. Bhatt B.R., Srivenkatramanna T. And Rao Madhava K.S. (1997): Statistics-A Beginner's Text. Vol-II, New Age International (P) Ltd.
2. Goon A.M., Gupta M.K., Das Gupta B. (1991): Fundamentals of Statistics, Vol-II, World Press, Kolkata.
3. Kapoor V.K. & Gupta S.C. : Fundamentals of Mathematical Statistics, Sultan Chand and Sons, New Delhi.

Syllabus B.A. Part-I

4. Mood A.M. Graybill F.A. Bose D.C. (1974): Introduction to the theory of statistics, McGraw Hill

Additional References:

1. Hoel P.G. (1971): An Introduction to Mathematical Statistics, Asia Publishing House.
2. David S. (1996): Elementary Probability., Oxford Press.
3. Cooke, Cramer and Clarke: Basic Statistical Computing, Chapman and Hall.
4. Meyer P.L. (1970): Introductory Probability and Statistical Applications. Addison Wesley.

Paper II : Descriptive Statistics

(The course contents are same as that of Subject-Statistics)

Paper III. Practical Paper:

1. Exercise on mathematical expectations and finding Mean, Variance, Skewness and kurtosis of Univariate probability distributions.
2. Fitting standard univariate discrete and continuous probability distribution.
3. Computation for Marginal and Conditional Distributions.
4. Presentation of data through Frequency Table, diagrams and Graphs.
5. Calculation of Measures of Central tendency, Dispersion, 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.


IV. PSYCHOLOGY

Scheme:	Min. Pass Marks	Max. Marks
Arts	72 (Th.54 Pr.18)	200
Science	54 (Th.36 Pr.18)	150
Paper-I	3 hrs. duration	
	Basic Psychological Process	Arts 75 Science 50
Paper-II	3hrs. duration	
	Psychological Statistics	Arts 75 Science 50
Paper-III	Practical	Arts 50 Science 50

Note: 1. There will be three papers in Psychology. Each paper will be of 3 hours. There will be a common paper for Arts and Science. In I and II paper, Question No.1 will be compulsory and will cover the entire course contents of the paper. Question No.1 will contain two parts- A & B. A part of the question will contain 20 questions of multiple choice. Each question will be of $\frac{3}{4}$ mark for Arts student and of $\frac{1}{2}$ marks for science students. Thus A part will be of 15 marks for Arts students and of 10 mark for Science students. B part will contain 10 questions to be answered in the limit of 20 words. Each question of B part will be of $1\frac{1}{2}$ marks for Arts students and of 1 mark for Science students. Thus B part will be of 15 marks for Arts student and of 10 marks for Science students. Separate question paper for this, objective type will be provided to each student and answers will be given in this question paper only, in the space provided in the objective type question paper. Candidates will be given one hour to attempt this first compulsory question out of three hours in total time allotted for each paper. Thus total marks allotted for Arts students for first question will be 30, and for Science students 20.

In the second part of the question paper, three questions of essay type will be attempted selecting at least one from each section. Each question will be of 15 marks for Arts students and 10 marks for Science students. Two hours will be given for attempting this part.

2. Use of simple calculator will be allowed for all papers of statistical portions.



B.A./B.Sc. Pass Course Part-I

Paper-I Basic Psychological Processes

Section-A

1. Introduction

Definition and Goals of Psychology; History- Structuralism, Functionalism, Behaviourism, Gestalt and Psychoanalysis; Modern Perspectives- Biological, Psychodynamic, Behavioural, Cognitive, Humanistic, Evolutionary and Socio-cultural; Methods- Observation, Case Method, Surveys and Experimental.

2. Biological Basis of Behaviour

The Nervous System- The Central Nervous System and the Peripheral Nervous System; Neurons and Nerves.

3. Sensation and Perception

Sensation- Meaning, Sensory Receptors, Sensory Thresholds, Habituation and Sensory Adaptation. Perception- Meaning, Constancies- size, shape and brightness, The Gestalt Principles, Factors Influencing Perception.

Section-B

4. Learning

Definition and Theories- Classical Conditioning, Operant Conditioning, Cognitive Learning, Observational Learning.

Mamiller
JK *JK*

5. **Memory**

Encoding, Storage and Retrieval Processes; Models- Level of Processing, PDP, Information Processing- Sensory, Short Term, Long Term Memory; Forgetting- Nature and Causes.

6. **Motivation and Emotion**

Motivation- Meaning and Approaches- Instinct, Drive - reduction, Arousal, Incentive, Humanistic. Emotion- Elements: Physiology, Expression and Subjective Experience; Theories- Cannon-Bard, James-Lange, Schachter-Singer, Opponent-Process.

Section-C

7. **Cognition**

Thinking- Mental Imagery, 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**

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

Reference Books:

1. Baron. R.A. (2005). Psychology. Allyn and Bacon. New Delhi Prentice Hall India.

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2. Gerrig, R.J. and Zimbardo, P.G. (2005). Psychology and Life. New Delhi. Pearson Education.
3. Ciccarelli, S.K. and Meyer, G.E. (2006). Psychology. New Delhi, Pearson Education.
4. सिंह. अरुण कुमार (2002). आधुनिक सामान्य मनोविज्ञान. नई दिल्ली, मोती लाल बनारसीदास 1

Paper-II Psychological Statistics

Section-A

1. **Nature of Psychological Data and Psychological Measurement:**

0 Levels of measurement: Categorical and Continues^{ous} Variables; Applications of Statistics in Psychology.

2. **Frequency Distribution**

Drawing of frequency distribution. Bivariate frequency distribution, Graphical representation of grouped data- Histogram, Polygon.

3. **Measurement of Central Tendency**

Purpose and Types of measures. Characteristics of Mean, Median and Mode. Computation of Mean, Median and Mode.

Section-B

4. **Measures of Variability**

Concept and uses of measures of Variability: Range, Q.D., A.D. and S.D.

M. S. D. A.

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5. **Correlation**

Concept and Types- Pearson's Product Moment Correlation (by assumed mean and by actual mean, only for ungrouped data), Spearman's Rank Order Correlation.

6. **Hypothesis Testing and Making Inferences.**

Population and sample, Types of Sampling, Standard error of mean, 't' test (Independent group), Interpretation of 't' values, levels of Significance.

Section-C

7. **Non Parametric Tests**

Nature and assumptions of Distribution-free Statistics; Chi-Square; Equal Probability, 2 x 2 Contingency Table; Median Tests.

8. **ANOVA**

Purpose and assumptions of ANOVA. One way ANOVA

9. **Computer Analysis: Preparation of Data, Uses of SPSS.**

Reference Books:

1. Broota K.D. (1992): Experimental design in behavioural research, Wiley Eastern, New Delhi.
2. Minimum E.W, King B.M. and Bear. G. (1993): Statistical Reasoning in Psychology and Education, New York, John Wiley.
3. Siegel. S. (1994): Non-parametric Statistics, New York, MCGraw Hill.
4. Kapil H.K.: Sankhyiki Ke Mool Tatwa, Vinod Pustak Mandir, Agra.

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Paper-III Practical

1. Steps of Report Writing: **Test** and Experiment
2. Human Maze Learning
3. Measurement of Intelligence
4. Experiment of Memory: **Meaningful** and Non-sense syllables
5. Span of Attention
6. Measurement of Need - **Achievement**
7. Figure Ground Reversal
8. Measurement of Emotions **by** Facial Expression
9. Measurement of Personality **by** Questionnaire
10. Problem Solving

राजस्थानी

परीक्षा योजना

समय

पूर्णांक

न्यूनतम उत्तीर्णांक : 72

200

प्रथम प्रश्न-पत्र

3 घंटे

100

द्वितीय प्रश्न-पत्र

3 घंटे

100

प्रथम प्रश्न-पत्र-अंक विभाजन

1. प्रथम प्रश्न-पत्र में पांच प्रश्न होंगे। कुल 100 अंकों का प्रश्न होगा।
2. प्रत्येक पाठ्यपुस्तक से कम से कम एक-एक व्याख्या करनी होगी। (3×12=36)
3. दोनों पुस्तकों में प्रत्येक से एक-एक आलोचनात्मक प्रश्न होगा। कुल तीन प्रश्न।
(3×15=45)
4. अंतिम प्रश्न निम्नलिखित तीन भागों में विभक्त होगा—
(क) राजस्थानी भाषा में अनुवाद—7 अंक

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(ख) हिंदी से राजस्थानी भाषा में अनुवाद—7 अंक

(ग) राजस्थानी कहावतें अर्थ एवं प्रयोग—5 अंक

पाठ्य पुस्तकें :

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

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

संदर्भ ग्रंथ

1. आधुनिक राजस्थानी साहित्य : प्रेरणा स्रोत और प्रवृत्तियाँ; लेखक डॉ. किरण नाहटा प्रकाशक चिन्मय प्रकाशन, चौड़ा रास्ता, जयपुर।
2. राजस्थानी गद्य साहित्य : उद्भव और विकास : लेखक डॉ. शिवस्वरूप अचल, प्रकाशक : शार्दूल राजस्थानी रिसर्च इंस्टीट्यूट, बीकानेर।
3. राजस्थानी गद्य शैली का विकास : डॉ. रामकुमार गर्वा, प्रकाशक देवनाम प्रकाशन, जयपुर।

राजस्थानी द्वितीय प्रश्न-पत्र-राजस्थानी काव्य

अंक विभाजन—इस प्रश्न-पत्र में पाँच प्रश्न होंगे।

1. प्रत्येक पुस्तक से एक-एक व्याख्या। कुल तीन व्याख्या। (3×12=36)
2. प्रत्येक पुस्तक से एक-एक आलोचनात्मक प्रश्न।
(कुल तीन प्रश्न) (18+18+16=52)
3. अलंकार : वैयाण सगाई, उपमा, रूपक, उत्प्रेक्षा यमक, श्लेष।
4. छंद : दूहो, सोरठो, छप्पय, वेलियो।

संदर्भ ग्रंथ :

1. प्राचीन काव्यों की रूपक परम्परा-सम्पादक अमर चंद नाहटा, प्रकाशक भारतीय विद्या मंदिर शोध प्रतिष्ठान, बीकानेर।
2. अलंकार पारिजात—नरोत्तमदास स्वामी।
3. रघुनाथ रूपक गीता रो—महताबचन्द खारेड, प्रकाश नागरी प्रचारिणी सभा वाराणसी।
4. राजस्थानी साहित्य—एक परिचय प्रकाशक नवयुग ग्रंथ कुटीर, बीकानेर।

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28. SHEEP AND WOOL

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

Scheme :

Min. Pass Marks 48

Max. Marks 132

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Syllabus B.A. Part-I

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

Practical

Paper-I : Elements of Sheep Husbandry

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

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

Regionalisation of sheep in India.

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

Physiological : Carbohydrate, Protein, Fat-metabolism.

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

Paper-II : Elementary Sheep Production

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

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

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

Health Management : Drenching, dipping, vaccination, spraying, mouth wash, foot bath, segregation, care of sick sheep.

Farm Records : Feeding breeding health, production and their maintenance.

Wool Science : Definition of wool terms 'primary grading' physical and chemical properties of wool.

Types of Fibre : Comparison wool fibre with hair and textile fibre.

Practical :

Syllabus : M.in Pass Marks-24 Max pass M. 68

1. Recognition of different breeds of sheep, local and state of Rajasthan, with reference to salient features of difference and utility of their products.

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Syllabus B.A. Part-I

2. Study of sheep skeleton.
3. Salient features of digestive organs, respiratory and reproductive organs (male and female)
4. General Management of sheep : Housing (different types of housing, floor area required etc.) Open and closed by stem of housing paddock and sheep. Yards, housing of different categories of sheep.
5. Farm equipments viz. feeding and watering thoughts shearing machines, weighting machines, hoof-pareara, castrating equipment drenching and dosing equipments, branding and tagging equipments etc.
6. General sheep management practices : Identification of animals, ear-tagging etc. Handling and securing of sheep, again by dentition, tagging hoof paring crutching and castration of sheep. Drenching, dosing and dipping of sheep, washing and shearing (hand shearing). Preparation of sheep (both male and female) for breeding purposes. Natural and artificial breeding of sheep viz. use of breeding harness. Collection and insemination seman.
7. Lambing practices and rearing of young ones; Care and management of ewes at lambs and growing stock. Use of foot-bath and mouthwash.
8. Wool Science : Physical Properties of wool including microscopic study comparing it with hair and artificial fibers, Primary grading of wool; Microscopic study of fibers.

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29. LIV STOCK AND DAIRYING

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

Scheme :

Min. Pass Marks 48		Max. Marks 132
Paper-I	3 hrs. duration	Marks 66
Paper-II	3 hrs. duration	Marks 66
Practical		
Min. Pass. Marks 24	4 hrs. duration	Marks 68

Paper-I : Principles of Animal Husbandry and Livestock Management

1. Livestock population of India with special reference to Rajasthan. Distribution of different categories of livestock according to

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Syllabus B.A. Part-I

the agroclimatic conditions of the state.

2. Contribution of animal and animal products in the economy of Rajasthan.

3. Characteristics of the following breeds of Livestock. Cattle Tharparker, Hariana, Gir, Nagauri, Rathi, Mewati, Shahiwal, Melvi, Jirsey, Hostein, Freisian, Red dane.

Buffallows—Murrah, Surti, Mehsana.

Goats—Sirohi, Alwar, Barbari, Jamunapuri, Beotal, Marwari.

Sheep—Sonodi, Chokia, Bikaneri, Marino, Rambouillet Camel-Rid Dmcru.

Popultry-Phode Island Red, White, Leg Horn, wyite Roe.

4. Outline of anatomy of cattle and buffallows. Body Temperature, respiration and pulse rate.

5. Housing of Livestock, location, site sign construction. Arrangement / Groupings of different buildings.

6. General care of the animals grooming exercise bathing observation of oestrus, service care during pregnancy and at parturitlion, drying off.

7. Care of newly born calf. Marking, dooming, castration.

8. Important points for the management of bulls, goat, sheep and pouilly.

9. Livestock farm equipment, sanitarp requirements, disposal of animal water.

10. Familiarity with common ailments and diseases of farm animals wounds. Navel ill, prolaose of natural and vagina; bloat, impaction, scour phenomena, mastits, milk fever. Anthrax, FMD, HS, RP, Black quarter, Enterotoximea, piarrhoea. Common external and internal parasites.

11. Maintenance of farm records.

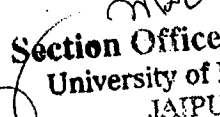
12. Government Assistance and facilities available for Livestock.

Paper-II Principles of Feeding and Breeding Livestock

1. Digestive system of ruminants and its peculiarities.

2. Physiological role of good nutrients, their digestion, importance of scientific fooding.

3. Nutritional requirement of farm animals for different purposes.


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4. Common feeds and fodder and their nutritive value, Characteristics of ideal ration.
5. Feeding pregnant, lactating animals, breeding bulls and bullocks.
6. Production of different types of grasses and forage, making of hay and silage.
7. Formulation of cheese balanced ration for milk production.
8. Feeds supplements and additives.
9. Importance of scientific breeding system of breeding.
10. Male and female reproductive system, development of organs and their function, role of economic glands.
11. Signs of heat and time of breeding.
12. Natural service and artificial insemination, infertility in livestock.
13. Diagnosis of Pregnancy.
14. General hints on selection, score card, performance, pedigree and history sheets, culling.
15. Maintenance of breeding records.

Practicals

Min. Pass Marks 24 4 hrs. duration Max. Marks 68

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

Syllabus B.A. Part-I

. ANTHROPOLOGY

Scheme :

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

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

Paper-I Foundations of Anthropology

1.1 Meaning and scope of Anthropology, History of Anthropology, Branches of Anthropology (a) Social-Cultural Anthropology (b) Physical-Biological Anthropology, (c) Archaeological Anthropology, (d) Linguistic Anthropology.

1.2 Relationship with other disciplines : Life Sciences, Earth Sciences Medical Sciences, Social Sciences, Humanities, Environment Sciences.

1.3 Fundamentals in Biological Anthropology, (a) Human Evolution, (b) Human Variation, (c) Human Genetics, (d) Human Growth and Development.

1.4 Fundamentals in Social-Cultural Anthropology

(a) Culture, Society, Community, Group, Institution

(b) Human Institutions : Family, Marriage, Kinship, Religion.

(c) Development and Change

(d) Research Methods : Tools and Techniques

1.5 Fundamentals in Archaeological Anthropology

(a) Tool typology & technology

(b) Cultural Evolution : Broad outlines of prehistoric culture

(c) Chronology

1.6 Fundamentals in Linguistic Anthropology

(a) Written and Unwritten language

(b) Speech, language and dialect

(c) Semantics and Lexicon

(d) Phonetics and Phonemics

(e) Morphemics and Syntax

7. Sociolinguistics

Paper-II Anthropology of Cultural Region

1. Cultural Regions of Rajasthan : Mewar, Marwar, Dhoondar, Haroti, Mewat, Brij and Wagad.
2. Principle Tribe : Bhil, Garasiya, Saharia, Gadolia Lohar, Meena.
3. Pilgrimage Center's Fairs and Festivals : Pushkar, Ajmer, Nathdwara, Ramdevji, Tejaji, Veneshwar, Kailadevi, Goga medi, Teej, Gangaur etc.
4. Rural Development Programmes and Panchayati Raj.

Reading Recommended

1. B.R. Chauhan : Rajasthan Village.
2. Jai Singh Neeraj (ed) : Rajasthan Ki Sanskriti Paramparayan (Hindi)
3. G.N. Sharma : Rajasthan Ka Sanskritic Itihas (Hindi)
4. Jawaharlal Handoo (ed) : Folklore of Rajasthan.
5. S.L. Doshi : Rajasthan Ki Janjatian (Hindi)

31. DRAMATICS

Note : An applicant shall be allowed to offer Dramatics as one of his/her optional subject only after having been declared successful in the audition text given by the Head of Department of Dramatics of the Institution concerned in oral given exercises and/or written form. The audition test shall be based on the applicants aptitude for acting, speech, Sense of Rhythm, Music and general awareness for theatre.

Scheme :

Theory	Duration	Max. Marks	Min. Pass Marks
Paper I	3 hours	50	18
Paper II	3 hours	50	18
Practical			
Paper I	4 hours	50	18
Paper II	4 hours	50	18

Theory :

Paper I : History of World Theatre

- I. Evolution of Theatre as Art Form
- II. Influences and Relationship with other art forms
- III. History of World Theatre with special reference to :

Syllabus B.A. Part-I

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

Books Recommended :

1. Natyakala Ke Teen Sahastra Varsh - Sheldon Chenny (Tr. Sitaram Chaturvedi)
2. History of Theatre- Oscar Brockett

Paper-II : Modern Indian and Regional Theatre

- I. Emergence of Modern Indian Drama
- II. Various Social Movements and their impact on theatre with reference to :
 - a. Theosophical Society
 - b. Brahmo Samaj
 - c. Arya Samaj
- III. Indian Freedom Struggle and its impact on theatre
- IV. Growth of Commercial Theatre in India with reference to Parsi Theatre.
 - V. People's Theatre Movement
 - VI. Post Independence Period
 - a. Study of major playwrights : Mohan Rakesh, Dharmavir Bharti, Vijay Tendulkar, Badal Sarcar, Girish Karnad.
 - b. Study of major organisations and institutions : Sangit Natak Akademies, National School of Drama and others.
 - c. Basic topographical study of theatre auditorium.
 - VII. Study of major regional and folk theatre forms and styles: Nautanki, Khyal, Tamasha, Yakshagan, Kuduyattam.

Books Recommended :

- I. Bhartiya Rangmanch Ka Udbhav Evam Vikas- Dashrath Ojha
- II. Bhartiya Rangmanch Ka Itihas- Dr. Agyat

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III. Bhartiya Lok Natya Parampara- Dr. Kapila Vatsyayan

IV. Rand Darshan- Nemi Chand Jain

Practical- Paper I : Applied Theatre Practice

I. Practice of 15 Yogic Asanas

II. Practice of Mime and Movement Exercises

• III. Submission of workbook.

Practical- Paper II : Applied Theatre Practice

I. Practice of Acting Improvisations

• II. Production of short plays

III. Acting assignments

PHYSICAL EDUCATION

Physical education Course shall consist of two theory paper's each of 3 hours duration carrying 60 marks each (Total 120 marks) and practical examination carrying 80 marks (Two games & sports 40 marks each). A candidate shall have to secure 36% marks separately in theory and practical to pass the examination.

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

Scheme :		Total Marks
Pass Marks		
Paper I History of Physical Education	60	22
Paper II Foundations of Physical Education	60	22
Practical (Games & Sports)	80	28
Total	200	72

Paper-I History of Physical Education

Unit I: 1. Definition of Physical Education—its meaning and importance Misconception about Physical Education.

2. Aims and objectives of Physical Education.

Unit II: 1. Physical Education in Ancient India.

2. Physical Education in the city states of Greece.

Unit III: 1. Survey of Modern Physical Education in India.

(a) Physical Education and sports Training Institutions in India.

(b) Sports Authority of India.

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(c) Arjuna Awards, Dronacharya Awards, Maulana Abdul Kalam Azad Trophy, National Sports scholarship.

Unit IV: Ancient & Modern Olympic Games : Start of Olympics, Objectives of Olympic, Olympic Moto and Flag, Olympic Charter, Opening and closing ceremonies.

Unit V: Contribution to the growth of Physical Education by leaders and movements.

(i) Turnverin Movement, Y.M.C.A. and its contribution U.S.S.R. Physical Education in school, the sport kind.

(ii) Contribution in India : G.D. Sondhi, Raj Kumari Amrit Kaur, Dr. P.M. Joseph, Shri H.C. Buck.

Books Recommended

1. Leonard, Field Engenè and Affleck George B : Guide to the History of Phy. Education, Philadelphia : Leo & Febiger : 1962.
2. Rice Emmett. A. Hutchinson John L and Loc Marbal : A brief history of Physical Education, New York. The Renold Press Company 1960.
3. Rajgopalan K.A. : Brief History of Physical Education in India, Delhi Army Publishers-1962.
4. Krishna. J Ram N. Farmeshwar : Educational Dimensions of Physical Education, New Delhi, Sterling Publications 1980.
5. Singer, R.N. (ed) : Physical Education : Foundations, New York: Hall Rinehart & Winston.
6. Khan Eraj Ahmed : History of Physical Education, Scientific Book Co. Patna.
7. कंवर रमेश चन्द : शारीरिक शिक्षा के सिद्धांत व इतिहास, अमित ब्रदर्स, नागपुर
8. कमलेश व सग्रांल : शारीरिक शिक्षा के सिद्धांत तथा इतिहास, प्रकाश ब्रदर्स, लुधियाना।
9. मोहम्मद वाहिद और दीक्षित एन.के. : शारीरिक शिक्षा का इतिहास, डालीगंज रेलवे क्रॉसिंग, लखनऊ।
10. वैष्णव राजेन्द्र प्रसाद : शारीरिक शिक्षा का संगठन व विधियाँ, श्रीयांश पब्लिकेशन्स, जयपुर।
11. सिद्धाना अशोक कुमार : शारीरिक शिक्षा सिद्धान्त, मनोविज्ञान एवं इतिहास, श्रीयांश पब्लिकेशन्स, जयपुर।

12. पाण्डेय लक्ष्मी कान्त : शारीरिक शिक्षा की शिक्षण पद्धति, मैट्रोपोलिटन बुक्स कं.प्रा.लि., नई दिल्ली।
13. अजमेर सिंह और अन्य : शारीरिक शिक्षा, स्वास्थ्य एवं खेलों की आधुनिक पाठ्य पुस्तक (बी.ए. पार्ट I, II व III) कल्याणी पब्लिकेशन्स, लुधियाना।

Paper-II Foundations of Physical Education

Unit I: Biological Foundations:

1. Heredity, Environment in its importance and stages of growth and development.
2. Principles governing physical and motor growth and development.
3. Chronological, Anatomical, Physiological and Mental ages of individuals- their implications in developing and implementing programme of physical education.

Unit II: Psychological Foundations :

1. Importance and implication of psychological elements in physical education.
2. Notions about mind and body and psycho-physical unit of man.
3. Conditions and factors effecting learning.

Unit III: Philosophical Foundations :

1. Idealism and physical Education.
2. Pragmatism and Physical Education
3. Naturalism and Physical Education.
4. Existentialism and Physical Education.

Unit IV: Physiological Foundations :

1. General Benefits of exercise.
2. Benefit of exercise to the various systems.
3. Kinesthetic sense and performance.

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.

Books Recommended :

1. Bucher, Charles A. : Foundation of Physical Education St. Louis

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- : The C.V. Hosby Company, 1986.
2. Nixon Engene D. and Couson. W.: An Introduction to Physical Education, Philadelphia, London : W.B. Saunders Co. 1969.
 3. Oderateuter, Delbert : Physical Education, New York, Harper and Brothers Publishers, 1970.
 4. Sharma, Jakson R. : Introduction to Physical Education New York : A.S. Barnes and Company, 1964.
 5. Williams Jeses Feiring : The Principle of Physical Education, Philadelphia : W.B. Saunders Company, 1964.
 6. Kamlesh H.L. : Physical Edu. Facts & Foundation, P.B. Pub. Faridabad.
 7. कमलेश एम.एल. : शारीरिक शिक्षा की सैद्धांतिकी, मैट्रोपालिटन बुक्स कं., दिल्ली।
 8. अजमेर सिंह और अन्य : शारीरिक शिक्षा स्वास्थ्य, एवं खेलों की आधुनिक पाठ्यपुस्तक (बी.ए. पार्ट I, II व III) कल्याणी पब्लिकेशन्स, लुधियाना।
 9. भाटिया ए.एल. और बघेला हेत सिंह : शरीर रचना, क्रिया शास्त्र, स्वास्थ्य शिक्षा, सुरक्षा शिक्षा, प्राथमिक चिकित्सा और आहार : श्रीयांश पब्लिकेशन्स, जयपुर।
 10. कमलेश व सग्रांल : शारीरिक शिक्षा के सिद्धांत तथा इतिहास : प्रकाश ब्रदर्स, लुधियाना।
 11. पाण्डेय लक्ष्मी कान्त : शारीरिक शिक्षा की शिक्षण पद्धति, मैट्रोपालिटन बुक्स कं.प्रा.लि., नई दिल्ली।
 12. मोहम्मद वाहिद और दीक्षित एन.के. : शारीरिक शिक्षा का इतिहास, डालीगंज रेलवे क्रॉसिंग, लखनऊ।
 13. सिद्धाना अशोक कुमार : शारीरिक शिक्षा सिद्धांत, मनोविज्ञान एवं इतिहास, श्रीयांश पब्लिकेशन्स, जयपुर।
 14. वैष्णव राजेन्द्र प्रसाद : शारीरिक शिक्षा का संगठन व विधियाँ, श्रीयांश पब्लिकेशन्स, जयपुर।

Practical

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

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

1. Athletics - Sprints. High Jump, Long Jump, Short put, Discus and Relays. (This is compulsory. This shall carry 40 marks)

33. INDIAN HERITAGE IN RURAL HANDICRAFTS

Scheme	Max. Marks	Min. Pass Marks
1. Theory One Paper 3 hrs. duration	60	22
2. Practical	80	28
3. Submission	<u>60</u>	<u>22</u>
	<u>200</u>	<u>72</u>

Syllabus :

Paper I (Theory)

3 hrs. duration

Max. Marks 60

Min. Pass Marks 22

FUNDAMENTAL OF HANDICRAFTS

1. Theory of colours-pigments and light theory-hue circle, modifications of colour - after image values and colour harmony-practical applications.
2. Basic principles of line, form and space - their interrelationship.
3. Process of concept building - visual and structural relationships. Free hand drawing from nature study of different Indian motifs.
4. Introduction with local rural handicrafts. Brief study of the local handicrafts and various raw materials used for manufacturing them.
5. History of Indian handicrafts.

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

Paper II (Practical)

5 hrs. duration

Max. Marks 80

Min Pass Marks 28

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

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3. Folk paintings.

4. Folk sculptures


Submission Works Max. Marks 60 Min. Pass Marks 22

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

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

Books recommended

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


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2. A candidate may choose any one of the following games—
Basket ball, Football, Kabaddi & Volley ball, Swimming (This shall
carry 40 marks).

VOCATIONAL COURSE

34. COMPUTER APPLICATION

Scheme :	Min. Pass Marks	Max. Marks
Arts/Commerce	72 (Th. 47 Pr. 25)	200
Science	54 (Th. 36 Pr. 18)	150
Paper-I 3 hours duration	Computer Fundamentals and Introduction to IBM PC	Arts/Com. 65 Science 50
Paper-II 3 hours duration	Operating Systems and Business Data Processing	Arts/ Com. 65 Science 50
Paper-III Practical		Arts/Com. 70 Science 50

Paper I : Computer Fundamentals and Introduction to IBM PC

What is Computer ? An introduction. Uses of computers in modern society e.g. weather forecasting, census, oil exploration, speech recognition, banking, publishing, accounting, research etc.

Information concepts and processing - hardware, software- computer capabilities and limitations. Concept of files and directories.

Computer arithmetic and number systems. ASCH & EBCDIC character sets.

Elements of a computer processing system- hardware, software computer capabilities and limitations. Concept of files and directories.

Hardware features and use- CPU, I/O devices. Storage devices and media.

Introduction to networking, multiprocessing, time sharing, multi-tasking and real time computing.

Variety of hardware systems and features. Various types of computers available in market. Micro, Mini and Main frames, Supercomputers.

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

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Syllabus B.A. Part-I

Introduction to microprocessors and associated computers. Timers, display controllers, DMA controllers.

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

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

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

Disk Operating System - Introduction. Batch files.

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

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

Advance version of IBM and compatibles.

Paper II : Operating Systems and Business Data Processing

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

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

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

Practical

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

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



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