



**MAHARAJA SURAJMAL BRIJ UNIVERSITY**

**BHARATPUR  
SYLLABUS**

**B.A. Part-I, Examination**

**Faculty of Social Science**

1. Philosophy
2. History
3. Political Science
4. Public Administration
5. Sociology
6. Home Science
7. Mathematics
8. Economics
9. Geography
10. Psychology
11. Physical Education

अकादमिक प्रभारी  
महाराजा सूरजमल बृज विश्वविद्यालय  
भरतपुर (राज.)

**CONTENTS**

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

**Compulsory Subject (Four)**

1. सामान्य हिन्दी (General Hindi).....
2. General English (Essential Language Skills) .....
3. Environmental Studies .....
4. Elementary Computer Application.....

**Optional Subject:**

1. Philosophy
2. History
3. Political Science
4. Public Administration
5. Sociology
6. Home Science
7. Mathematics
8. Economics
9. Geography
10. Psychology
11. Physical Education

**Scheme of Examination**

**B. A. Part I Examination**

**( Under 10+2+3 Pattern )**

- 1) The number of Papers and the maximum marks for each paper together with the minimum marks required for a pass are shown against each subject separately. It will be necessary for a candidate to pass in the theory part as well as practical part of a subject/paper, wherever prescribed, separately, classification of successful candidates shall be as follows :

First Division	60%	Of the aggregate marks prescribed at (a) Part I Examination, (b) Part II Examination, (c) Part III Examination taken together.
Second Division	48%	



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All the rest will be declared to have passed the examination if they obtain the minimum pass mark in each subject viz. 36%. No division will be awarded at the Part I and the Part II Examination.

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

**DISTRIBUTION OF MARKS**

**Compulsory Subjects**

Sr. No	Name of the Subject	No. of Paper	Duration	Max. Marks	Total Marks	Min. Pass Marks
1	2	3	4	5	6	7
1	सामान्य हिन्दी (General Hindi)	One Paper	3hrs.	100	100	36
2	General English (Communication Skill in English)	One Paper	3hrs.	100	100	36
3	Environmental Studies Theory	Theory	2 hrs.	100	100	36
4	Elementary Computer Application	Theory	2 hrs.	60	100	36
		Practical	2 hrs.	40		

**Optional Subject** (Any Three of the following Subject to The restrictions as mentioned in O.203-1):

Sr. No	Name of the Subject	No. of Paper	Duration	Max. Marks	Total Marks	Min. Pass Marks
1	Philosophy	Paper I	3 hrs.	100	200	72
		Paper II	3 hrs.	100		
2	History	Paper I	3 hrs.	100	200	72
		Paper II	3 hrs.	100		
3	Political Science	Paper I	3 hrs.	100	200	72
		Paper II	3 hrs.	100		
4	Public Admn.	Paper I	3 hrs.	100	200	72
		Paper II	3 hrs.	100		
5	Sociology	Paper I	3 hrs.	100	200	72
		Paper II	3 hrs.	100		
6	Home Science	Paper I	3 hrs.	50	200	72
		Paper II	3 hrs.	50		
		Practical I	3 hrs.	50		
		Practical II	3 hrs.	50		
7	Mathematics	Paper I	3 hrs.	66	200	72
		Paper II	3 hrs.	66		
		Theory Paper III	2.30 hrs.	44		
		Practical Paper III	2 hrs.	24		

  
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8	Economics	Paper I	3 hrs.	100	200	72
		Paper II	3 hrs.	100		
9	Geography	Paper I	3 hrs.	75	200	72
		Paper II	3 hrs.	75		
		Practical	3 hrs.	50		
10	Psychology	Paper I	3 hrs.	75	200	72
		Paper II	3 hrs.	75		
		Practical	3 hrs.	50		
11	Physical Education	Paper I	3 hrs.	100	200	72
		Paper II	3 hrs.	100		

- N.B. : 1. Candidates must pass separately in each of the test/theory and practical (wherever prescribed).
2. Common papers in the subjects of **Mathematics, Economics, Geography and Psychology** will be set both in the faculties of Social Sciences and Science. The allocation of marks will however be different as mentioned in the booklet of syllabus.

  
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## 2. सामान्य हिन्दी

पूर्णांक 100

समय 3 घण्टे

न्यूनतम उत्तीर्णांक 36

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

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

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

### व्याकरण / व्यावहारिक हिन्दी खण्ड

	25 अंक
i. निबंध लेखन - शब्द सीमा 300 शब्द	8 अंक
ii. कार्यालयी लेख - शासकीय-अर्द्धशासकीय पत्र, परिपत्र, अधिसूचना, कार्यालय ज्ञापन, विज्ञप्ति, कार्यालय आदेश।	4x2 = 8 अंक
iii. संक्षेपण (विकल्प देना है)	5 अंक
iv. पल्लवन (विकल्प देना है)	4 अंक
v. शब्द निर्माण की प्रविधि - उपसर्ग, प्रत्यय, संधि, समास	5 अंक
vi. वाक्य शुद्धि / शब्द शुद्धि	5 अंक
vii. मुहावरे	5 अंक
viii. पारिभाषिक शब्दावली	5 अंक
ix. व्याकरणिक कोटियां - संज्ञा, सर्वनाम, विशेषण, क्रिया, क्रिया विशेषण	5 अंक

### साहित्य खण्ड : गद्य-पद्य की निर्धारित रचनाएँ

गद्य भाग - निम्नांकित पाठ निर्धारित हैं -

- कहानी : बड़े घर की बेटी (प्रेमचंद)
- संस्मरण : प्रणाम (महादेवी वर्मा)
- रेखाचित्र : बाईस वर्ष बाद (बनारसीदास चतुर्वेदी)
- विज्ञान : शनि सबसे सुन्दर ग्रह (गुणाकर मुळे)
- निबंध : गेहूँ और गुलाब (रामवृक्ष बेनीपुरी)
- निबंध : सूखे चेहरों का भूगोल (मणिमधुकर)
- निबंध : मजदूरी और प्रेम (सरदार पूर्ण सिंह)
- निबंध : राजस्थान की सांस्कृतिक धरोहर (अगरचंद नाहटा)
- निबंध : राष्ट्र का स्वरूप (वासुदेव शरण अग्रवाल)
- व्यंग्य : ठिठुरता हुआ गणतंत्र (हरिशंकर परसाई)

### पद्य भाग -

- कबीर- 1. मन रे ! जागत रहिये भाई  
2. हमारे राम रहीम करीमा केसौ, अलह राम सति सोई।  
3. काजी कौन कतेब बखानै।  
4. मन रे! हरि भजि, हरि भजि हरि भजि भाई।  
5. है मन भजन कौ प्रवान  
संदर्भ : कबीर ग्रंथावली-श्यामसुंदरदास
- सूरदास 1. किलकत कान्ह घटुरुवनि आवत  
2. मुरली तऊ गोपालहिं भावत  
3. देखौ माई सुन्दरता कौ सागर

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4. जसोदा बार बार यों भाखै
5. चित दै सुनौ स्याम प्रवीन

3. तुलसीदास

1. कबहुँक अंब अवसर पाई
2. अबलों नसानी अब न नसैहों
3. मोहि मूढ़ मन बहुत बियोगौ
4. ऐसौ को उदार जग मांही
5. मन पछितैहैं अवसर बीते

संदर्भ : विनय पत्रिका, गीता प्रेस गोरखपुर

4. रहीम

पद

1. छवि भावन मोहनलाल की
  2. कमल दल नैननि की उनमानि
- दोहा
1. प्रीतम छवि नैननि बसी
  2. बसि कुसंग चाहत कुसल
  3. रहिमन अंसुआ नैन ढरि
  4. रहिमन औछे नरन सौं बैर भलौ ना प्रीति
  5. रहिमन निज मन की बिथा
  6. काज परै कछु और है
  7. खैर खून खाँसी, खुसी बैर प्रीति मदपान
  8. दादुर मोर किसान मन लग्यो रहे घन माँहि
  9. पावस देखि रहीम मन कोइल साधै मौन
  10. रहिमन बिगरी आदि को बनै न खरचे दाम।

संदर्भ : रहीम ग्रन्थावली, विद्यानिवास मिश्र

5. पदमाकर कवित्त

1. कूलन में केलिन में कछारन में कुंजन में
  2. और भाँति कुंजन में गुंजरित भौर भीर
  3. पात बिनु कीन्है ऐसी भाँति गुन बेलिन के
  4. चितै चितै चारों ओर चौंकि चौंकि परै त्योंहीं
- सवैया
5. या अनुराग की लखौं जहँ.....
  6. फाग के भीर अभीरन में गहि गोविन्द लै गई भीतर गोरी।

6. मैथिलीशरण गुप्त

साकेत – अष्टमसर्ग से

कैकेयी का अनुताप

तदनन्तर बैठी सभा उटज के आगे .....

सौ बार धन्य वह एक लाल की माई।

7. प्रसाद : कामायनी, श्रद्धासर्ग – कहा आगन्तुक ने सस्नेह ..विजयिनी मानवता हो जाय।

8. पंत : 1. प्रथम रश्मि छन्द 1-13

2. भारत माता

9. निराला: 1. भारती जय विजय करे

2. बादल राग -1

3. दलित जन पर करो करुणा

4. फिर नभ घन घहराये।

10. रामधारी सिंह दिनकर –रश्मिरथी-तृतीय सर्ग –आरंभिक अंश

सच्चे शूरमा

सच है विपत्ति जब आती है ..... क्या कर सकती चिनगारी है।

**B. A. / B. Sc. / B. Com. Part I**

**2. General English**

**Duration: 3 hrs.**

**Max. Marks: 100**

**Minimum Pass Marks: 36**

**Objectives of the Syllabus:**

1. Strengthening the vocabulary of the students.
2. Reinforcing selected components of grammar and usage.
3. Enabling the students' comprehension skills of poetry, prose and short stories.
4. Develop compositional skills.

**The pattern of the question paper will be as following:**

**SECTION 1**

**Vocabulary:**

**20 Marks**

**Note:** The students will be required to answer any four out of five options

- |      |                       |          |
|------|-----------------------|----------|
| i.   | Synonyms              | 05 Marks |
| ii.  | Antonyms              | 05 Marks |
| iii. | Homonyms              | 05 Marks |
| iv.  | One Word Substitution | 05 Marks |
| v.   | Phrasal Verbs         | 05 Marks |

**Section 2**

**Grammar and Usage**

**20 Marks**

**Note:** The students will be required to answer any four out of five options

- |      |   |          |
|------|---|----------|
| i.   | Sequence of Tense   | 05 Marks |
| ii.  | Prepositions  | 05 Marks |
| iii. | Modal Auxiliaries   | 05 Marks |
| iv.  | Articles  | 05 Marks |
| v.   | Transformation of Sentences ( Narration, Voice, Interchange of Degrees of Comparison) | 05 Marks |

1. ललित

2. ललित

3. ललित

4. ललित

ललित

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### Section 3

#### Comprehension

30 Marks

**Note:** A. There will be an extract from the prescribed texts for comprehension. 10 Marks

B. There will be seven questions (based on the prescribed texts) to be answered in three to five lines. The students will be required to answer any five. 20 Marks

- |      |                     |  |
|------|---------------------|--|
| i.   | William Wordsworth: | Three Years She Grew in Sun and Shower |
| ii.  | Rupert Brooke:      | The Soldier                            |
| iii. | R K Narayan:        | Dasi the Bridegroom                    |
| iv.  | Leo Tolstoy:        | How Much Land Does a Man Need ?        |
| v.   | O Henry:            | The Gift of the Magi                   |
| vi.  | A G Gardiner:       | All About a Dog                        |
| vii. | John Bright:        | Peace                                  |

### Section 4

#### Composition

30 Marks

**Note:** The Students will be required to answer any three out of four options.

- |      |                                       |          |
|------|---------------------------------------|----------|
| i.   | C V and Job Application               | 10 Marks |
| ii.  | Letter Writing ( Formal and Informal) | 10 Marks |
| iii. | Paragraph Writing                     | 10 Marks |
| iv.  | Notice and Advertisement Writing      | 10 Marks |

Prescribed Book : A Pattern to General English by Arvind Singh & Shailen Sharm

1. कलाशर्मा

2. अजेय शर्मा

3. 1/1

4. 2.5

*Arvind Singh*

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### **3. COMPULSORY PAPER OF ENVIRONMENTAL STUDIES**

Compulsory in I Year for all streams at undergraduate level

#### **Scheme of examination**

Time	Min Marks	Max. Marks
3 hrs	36	100

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

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

Note:

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

#### **Unit.1: The Multidisciplinary nature of environmental studies**


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

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

#### **Unit.2: Natural Resources and Challenges**

- a. Natural resources and associated problems, Classification of resources: renewable resources, non renewable resources, classes of earth resources, resources regions: Definition and criteria, resource conservation.
- b. Forest resources: Use and over- exploitation, deforestation, case studies. Timber extraction, mining, dams and their effects on forest and tribal people.
- c. Water resources: Use and over-utilization of surface and groundwater, floods, drought conflicts over water, dams-benefits and problems.
- d. Mineral resources: Use and exploitation, environmental effects of extracting and using mineral resources, case studies.

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- e. Food resources: World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticides problems, water logging, salinity, case studies.
  - f. Energy resources: Growing energy need, renewable and nonrenewable energy sources, use of alternate energy sources. Case studies.
  - g. Land resources: Land as a resource, Land degradation man induced Landslides, soil erosion and desertification.
- Role of an individual in conservation of natural resources.
  - Equitable use of resources for sustainable lifestyles.

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

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

### Unit 4: Biodiversity and its conservation

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

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## Unit 5 : Environmental Pollution and Control Measures

### Definition

Causes, effects and control measures of:

- a) Air Pollution
- b) Water Pollution
- c) Soil Pollution
- d) Marine Pollution
- e) Noise Pollution
- f) Thermal Pollution
- g) Nuclear Hazards

- Solid waste management” Causes, effects and control measures of urban and industrial wastes
- Role of an individual in prevention of pollution
- Pollution case studies
- Disaster management: floods earthquake, cyclone and landslides

## Unit 6 : Social issues, Environment, Laws and Sustainability

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

## Unit 7: Human Population and the Environment

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

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### Suggested Readings:-

1. Chauhan, Surendra Singh. 2001. Biodiversity, Biopiracy and Biopolitics: The Global Perspectives, Kalinga Publications, New Delhi.
2. Chauhan, Surendra Singh. 2004. Environmental Protection and Management: From Stockholm to Rio and After, Kalinga Publications, New Delhi.
3. Diwan A.P. and Arora D.K.1995. Human Ecology Anmol Publication Pvt.Ltd.,New Delhi.
4. Dubey, R.M.1992. Human Ecology and Environmental Education,Chaugh Publications,Allahabad.
5. Goudie,Andrew.The Human Impact.
6. Husain Maxia.1994 Human Geography,Rawat Publication,Jaipur.
7. Johnston, R.J.Ed.1986 Dictionary of Human geography,National Publication,New Delhi.
8. Malik,S.L.and Bhattacharya D.K.1986. Aspects of Human Ecology,Northern Book Center,New Delhi.
9. Mishra,R.P and Bhooshan,B.S.1979.Human Settlements in Asia.Public,Polices and programmes Haritage publisher,New Delhi.
- 10.Nathawat, G.S.1985. Human Ecology,An Indian perspective,Indian Human Ecology Council,Jaipur.
- 11.Russel, Bartrand, 1976.Impact of Science of society Unwin,Publisher,Indian. (paper back).
- 12.Sinha Rajiv, 1996.Gloobal Biodiversity Ina.,Shri publication,Jaipur.
- 13.Sinha Rajiv K., 1994. Development without Desertrction
- 14.Environmentalist,Jaipur. Sinha Rajiv K., 1996.Environmental Crises and Human at Risk,In A Shri Publication,Jaipur.
- 15.Smith, Dlanne, 1984.Urban Ecology,George Allen,London.
- 16.Swarnkar, R.C.1985.Indian Tribes.Printwell publisher,Jaipur.
- 17.Tivy,Joy and O'Hugegreg,1985.Human Impact on the Ecosystem Edinburgh George Allen Boyd.
- 18.United Nations Development Report, 1996.Human Development Report, 1996.Oxford University Press,Delhi.
- 19.Vannathony & Rogers Paul, 1974. Human Ecology and World Development,Flehum Press,New York.

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अकादमिक प्रभारी  
सहाराजी सुरजमल बूज विश्वविद्यालय  
अदरतपुर (राज.)

Maharaja Surajmal Brij University

Syllabus of Elementary Computer

For B.A. Ist Year  
Session 2017-18

M.S. Brij University  
अध्यक्ष, राजस्थान





# 4. elementary Computer Application

(BA)

## Unit-III

Electronic Spreadsheet Worksheet basics , create , save and open a worksheet. Entering data text. Numbers and formula in a worksheet. Inserting and deleting cells formatting inserting rows and columns in worksheet formatting worksheet using various formula and inbuilt functions update worksheets using special tools like spell check and auto correct etc Margins of worksheets for printing, Format the data in the worksheet globally or selectively. Creating charts. Enhance worksheets using charts, multiple worksheets concepts.

## Unit IV

The Internet and Functions of the Internet, working with Internet, Web Browser, Word Wide Web Uniforms Resource Locator and Domain Names, Uses of Internet, Search for Information , Email, Chatting , Instant messenger services, News Group, Teleconferencing, Video- Conferencing, E- Commerce and M-Commerce

Manage an E-mail Account, E-mail Address configure E-mail Account.log to an E-mail, Receive E-mail, Sending mails, sending files as attachments and address Book. Downloading Files. Online form filling, E-Service – E-banking and E- Learning.

## Unit- V

Social, Ethical and Legal Matters- Effects on the way we: Work Socialise, Operate in other areas.

Cyber crime, prevention of crime. Cyber law : Indian IT Act, Intellectual property, Software piracy. Copyright and Patent. Software licensing, Proprietary software. Free and Open source software.

Network Security. Risk assessment and security measures, Assets and types (data applications. System and network), Security threats and attacks (passive, active), types and effect (e.g Identity theft. Denial of service. Computer virus etc), Security issues and security measures (Firewalls, encryption/decryption), Prevention.

Question Paper pattern for main University Practical Examination

Max Marks: 40

### Practical

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

The practical examination scheme should be as follows

Three Practical Exercise (including Attendance & Record performance)

30 marks

- Operating system
- Ms Word
- Ms Excel
- Ms power point
- Internet

• Viva-voce

10 marks

# Syllabus of Elementary Computer Applications

Work load: Teaching: 2 hours per week.

Practical: 2 hours per week.

Max Marks: 100 (Main University Exam: Theory -60 Marks Practical-40 Marks)

Each candidate has to pass in Theory and Practical Examinations separately.

Main University Examination: Question pattern for Theory paper

Max Marks: 60

Part -I (very short answer) consists 10 questions of one marks each with two questions from each unit. Maximum limit for each question is up to 20 words.

Part – II (short answer) consists 5 question of two marks each with one questions from each unit. Maximum limit for each questions is up to 40 words.

Part-III (Long answer) consists 5 questions of eight marks each with one questions from each unit with internal choice maximum limit for each question is up to 400 words.

## Unit- 1

Introduction to information Technology. Evolution and generation fo computers, type of computer, micro mini mainframe and super computer . Architecture of a computer system CPU ALU, Memory (RAM,ROM families ) cache memory. Input /output device, pointing devices.

Concept of Operating system need types of operating systems, batch single user, multi-processing distributed and timeshared operating system. Introduction to Unix, Linux, Windows Windows NT Programming languages low level and high level languages,generation of languages, 3 GL and 4 GL languages, Graphics User Interfaces

## Unit –II

Word Processing Tool. Introduction C reating, Saving. Copy, Move and Delete. Checking Spelling and Grammer. Page 1 ayout ,interface, toolbars, ruler menus ,keyboard shortcut, editing. Text Formatting insert header and footer, Bullets and Numbering, Find and Replace etc, Insert Table and Picture, Micro, Mail Merge.

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

✓

*[Signature]*



**B.A. Part I**  
**1. PHILOSOPHY**

Scheme:

Two Papers	Min. Pass Marks 72	Max. Marks 200
Paper I	3 Hrs. Duration	Max. Marks 100
Paper II	3 Hrs. Duration	Max. Marks 100

**General Instructions:**

- (1) There shall be two question papers: Paper I and Paper II.
- (2) Both the question papers will be in two parts: Part I & Part II.
- (3) Part I of the question paper will be of 40 marks. This part will consist 10 compulsory questions of 4 marks each, and shall be answered in the given answer sheet. These questions will cover the whole Syllabus and there will be no unit wise division of the questions. Student is required to answer these questions in not more than 50 words. Questions will be definitional, informative and descriptive in nature based on the key concepts, distinctions and division underlined in the syllabus. Student should correctly mention the Question No. while giving answers. Marks will be deducted if question no. is not correctly mentioned or if the answer exceeds the given word limit.
- (4) Part II of the question paper will be of 60 marks. Students are required to attempt three questions in total. Each question is of 20 marks. These questions are essay type questions which are explanatory, and comparative in nature.

Part II is divided into three units. There will be two questions from each Unit. Students are required to attempt three questions in total while attempting one question from each Unit.

20/11/2017  
21/11/2017  
25-2-2017



## PAPER I : INDIAN PHILOSOPHY

(Total Teaching Hrs. : 90)

### Unit A:

Teaching Hrs. : 32

S.No.	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, Anekantavada, Syadvada and Nayavada, Pramānas, Ahimsa, Bondage and Liberation.	8
5	Buddhism: Theory of Pramānas. Theory of dependent origination, the Four Noble truths, doctrine of Momentariness, Anātmavād, the interpretation of these theories in schools of Buddhism : Vaibhāsika, Sautrāntika, Yogācāra, Mādhyamika.	9

### Unit B:

Teaching Hrs. : 35

1	Nyāya: Theory of Pramanas, the individual self and its liberation, the idea of God, and proofs for his existence.	10
2	Vaisesika: Padārthas: Dravya, Guna, Karma, Sāmānya, samavāya, Visesa, Abhāva, Causation, Asatkāryavada, Kāraṇa: Sāmavayi, Asamvāyi, Nimitta, Paramanuvāda, Adrashta, Nihshreyas.	8
3	Sāṃkhya : causation: satkāryavada, prakṛti : its constituents, 10 nature, 10 evolutes and arguments for its existence, Purusa : nature arguments for its existence, plurality of purusas, relationship between prakṛti and purusa, kaivalya.	10
4	Yoga : Citta and Citta-vṛtti, Eightfold Path, God.	7

**Unit C:**

Teaching Hrs. : 23

- 1 Purva Mimāmsa : Theory of Knowledge, theory of self. 6
- 2 Advaita : Nirguna Brahma, Vivartavāda, Maya, Three grades of Sattā, Jiva, 9 Jivanmukti.
- 3 Visistādvaita : saguna Brahma, Refutation of māyā, Parināmavāda, Jiva Bhakti 8 and Prapatti, Rejection of Jivanmukti.

**Suggested Readings:**

- M. Hiriyana : Outlines of Indian Philosophy (Hindi translation available)
- C.D. Sharma : A Critical Survey of Indian Philosophy (Hindi translation available)
- S.N. Das Gupta : A History of Indian Philosophy. Vol. I to V (Hindi translation available) Rajasthan 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, Rajasthan Hindi Granth Academy, Jaipur)
- Datta & Chatterjee : Introduction to Indian Philosophy (Hindi translation available)
- R. Puligandla : Fundamentals of Indian Philosophy
- संगमलाल पाण्डे : भारतीय दर्शन का सर्वेक्षण, सेन्ट्रल पब्लिशिंग हाउस, इलाहाबाद।

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## PAPER II : HISTORY OF WESTERN PHILOSOPHY

(Total Teaching Hrs. : 90)

### Unit A:

Teaching Hrs. : 25

S.No.	Topics	Division of Teaching hrs.
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	Leibnitz : 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



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|---|--|---|
| 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 metaphysics, skepticism.   | 8 |
| 4 | Kant: conception of critical philosophy, classification of Judgments, analytic, synthetic, a priori, a posteriori, possibility of synthetic a priori judgments, the forms of sensibility, categories of the understanding, the metaphysical and the transcendental deduction of categories, schematism of the categories, phenomena and noumena. | 8 |

### Suggested Readings:

- |                          |   |  |
|--------------------------|---|--|
| जगदीश सहाय<br>श्रीवास्तव | : | 1. ग्रीक दर्शन का वैज्ञानिक इतिहास, किताब महल, इलाहाबाद<br>2. मध्ययुगीन दर्शन का इतिहास, किताब महल, इलाहाबाद<br>3. आधुनिक दर्शन का इतिहास, किताब महल, इलाहाबाद |
| याकूब मसीह               | : | पाश्चात्य दर्शन का समीक्षात्मक अध्ययन, मोतीलाल बनारसी दास, दिल्ली (English translation available)  |
| दयाकृष्ण                 | : | पाश्चात्य दर्शन का इतिहास (संकलन), हिन्दी ग्रन्थ अकादमी, जयपुर।  |
| F. Thilly                | : | History of Western Philosophy.   |
| W.T. Stace               | : | A Critical History of Greek Philosophy.  |

अकादमिक मन्त्री

21/09/17  
25.2.2017

## B. A. Part- I

### 2. HISTORY

The scheme of examination will be as follows:

Scheme:

Maximum Marks 200

Minimum Pass Marks 72

Paper I	3 hrs. Duration	Marks 100
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Paper II	3 hrs. Duration	Marks 100
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**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. Parts I shall carry 40 marks and shall consist of two compulsory questions. The first compulsory question will be of 20 marks, comprising of 10 very short answer type questions of two marks each. The answer to each question should not exceed 20 words.

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

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

परीक्षा योजना:

अधिकतम अंक 200

प्रथम प्रश्नपत्र

द्वितीय प्रश्नपत्र

समय 3 घंटे

समय 3 घंटे

न्यूनतम उत्तीर्णांक 72

अंक 100

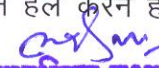
अंक 100

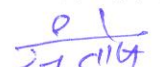
नोट: इतिहास विषय के कुल दो प्रश्नपत्र होंगे, प्रत्येक प्रश्नपत्र तीन घंटे की अवधि का एवं 100 अंकों का होगा।

प्रत्येक प्रश्नपत्र के दो भाग होंगे। प्रथम भाग 40 अंकों का होगा एवं इस भाग में दो अनिवार्य प्रश्न होंगे। 20 अंकों के प्रथम अनिवार्य प्रश्न में, दो-दो अंक के 10 अनिवार्य अतिलघुत्तरात्मक प्रश्न होंगे। प्रत्येक उत्तर की शब्द सीमा 20 शब्द।

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

प्रश्नपत्र के द्वितीय भाग में, पाठ्यक्रम के तीन खण्डों में से, प्रत्येक खण्ड से दो-दो प्रश्नों का चयन करते हुए, कुल 06 निबन्धात्मक प्रश्न होंगे। प्रत्येक प्रश्न 20 अंकों का होगा। परीक्षार्थियों को प्रत्येक खण्ड में से कम से कम एक प्रश्न का चयन करते हुए कुल 03 प्रश्न हल करने होंगे। प्रश्नपत्र का यह भाग 60 अंकों का होगा।

  
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**भरतपुर (राज.)**

  
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## **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 Magadha imperialism upto the Nandas. Jainism and Buddhism- origins, teachings, contribution.

### **Section-B**

The Mauryan empire - main sources. Chandragupta Maurya and Asoka. Asoka'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 institution. Development 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.

### **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 - उद्गम, 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- उद्गम, 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।

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भरतपुर (राज.)**

*इन तीनों*



**Books Recommended:**

- 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)
- B.N.Puri : Asoka, Delhi, 1972(also in Hindi)
- R.C. Majumdar : India under the Kushanas, Bombay, 1965
- & Altekar : The Vakataka-Gupta age (also in Hindi)
- विदुला जायसवाल : भारतीय इतिहास का नव-प्रस्तर युग, दिल्ली, 1962
- के.के. थपल्याल एवं : सिन्धु सभ्यता, लखनऊ, 1976
- एस.पी. शुक्ला
- 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.

**Section - B**

Rajput resistance to Muslim incursion in Rajasth. Mewar under Maharana Kumbha and Sanga. Maharana Pratap's struggle for independence. Chandrasen's efforts for freedom. Contribution of Sawai Jai Singh. History of Jat Kingdom of Bharatpur with special reference to Thakur Badan Singh and maharaja Surajmal. 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**

Marath 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 Rajastha. Integration of the States of Rajasthan with special reference to Bharatpur and Dholpur.

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## द्वितीय प्रश्नपत्र : राजस्थान का इतिहास (आरम्भिक 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 (आहड़, बालाथल, गणेश्वर)। कालीबंगा संस्कृति की विशेषताएँ। राजस्थान में मत्स्य जनपद एवं गणतांत्रिक जातियाँ। राजपूतों का उदय। गुहिलो, गुर्जर-प्रतिहारों एवं चाहमानो का उत्कर्ष एवं विस्तार

### खण्ड– ख

राजस्थान में मुस्लिम आक्रमणों का राजपूत प्रतिरोध। महाराणा कुंभा एवं सांगा के अधीन मेवाड़। महाराणा प्रतापका स्वतंत्रता के लिए संघर्ष। स्वातंत्र्य के लिए चंद्रसेन के प्रयास। सवाई जयसिंह का योगदान। भरतपुर साम्राज्य का इतिहास – ठाकुर वदनसिंह और महाराजा सूरजमल के विशेष संदर्भ। 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 प्रमुख 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 1957 का विप्लव। राजस्थान में आर्य समाज का प्रभाव। कृषक आन्दोलनों एवं जनजातिय आन्दोलनों का एक संक्षिप्त सर्वेक्षण। राजस्थान में प्रजामंडलों का गठन एवं स्वाधीनता संघर्ष। राजस्थान के राज्यों का एकीकरण। भरतपुर और धौलपुर के विशेष संदर्भ में।

#### *Book Recommended:*

Dashrath 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, 1994.
B.N. Puri	:	The History of the Gurjara-Praiharas, Delhi, 1975
Shanta Rani Sharma	:	Society and Culture in Rajasthan (700-900 A.D.) Delhi 1996.
B.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.
Rima Hooja	:	A History of Rajasthan, Rupa & Co, New Delhi, 2006.
	:	The Ahar Cultural and Beyond, oxford, 1988.
गोपीनाथ शर्मा	:	राजस्थान का इतिहास, आगरा
	:	राजस्थान का सांस्कृतिक इतिहास, 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
उपेन्द्रनाथ शर्मा	:	ब्रजेन्द्र बहादुर महाराजा सूरजमल जाट मंगल, प्रकाशन, जयपुर
जी.सी. द्विवेदी	:	जाट और मुगल साम्राज्य, दिल्ली

**अकादमिक प्रभारी**

**महाराजा सूरजमल बृज विश्वविद्यालय  
भरतपुर (राज.)**



## B A Part I

### 3. Political Science

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

प्रश्न-पत्र के दो भाग होंगे। प्रथम भाग 40 अंको का होगा। इस भाग में 20 अनिवार्य प्रश्न होंगे। प्रत्येक प्रश्न दो अंकों का होगा। 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 3 घंटों की अवधि में से अधिकतम 1 घण्टे की अवधि प्रश्न पत्र के इस भाग के लिए निर्धारित होगी। प्रश्न पत्र के इस भाग के पूरे पाठ्यक्रम के प्रश्न होंगे।

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

**Note :-** The question paper shall be of 3 hours duration. The question paper shall contain two parts.

Part A shall be of 40 marks and shall be compulsory containing 20 questions of limited words (maximum 20 words) answer and of two marks each. This Part of the question Paper shall be of one hour duration. The question in this part can be asked from the entire course.

Part B of the question paper shall have 2 question of descriptive type from each of the 3 section, and shall carry 60 marks. The Candidates shall be required to attempt one question of 20 marks from each Section.

#### प्रथम प्रश्न पत्र - राजनीति विज्ञान के आधार

खण्ड 'क'

राजनीति विज्ञान: परम्परागत और आधुनिक दृष्टिकोण, व्यवहारवाद, व उत्तर व्यवहारवाद, अन्त अनुशासनात्मक दृष्टिकोण राजनीति विज्ञान का अन्य समाज विज्ञानों से संबंध अवधारणाएँ, शक्ति, सत्ता व वैधता। स्वतंत्रता, समानता ; कानून व मानवाधिकार।

खण्ड 'ख'

राजनीतिक व्यवस्था, राजनीतिक आधुनिकीकरण, राजनीतिक विकास, लोकतंत्र निरंकुशतंत्र राजनैतिक दल व दबाव समूह, प्रतिनिधित्व के सिद्धांत विधि का शासन व संविधानवाद, शासन के अंग व उसके कार्य (आधुनिक दृष्टिकोण के विशिष्ट संदर्भ में) शक्ति पृथक्करण, नियंत्रण व संतुलन की व्याख्या।

खण्ड 'ग'

राजनैतिक विचारधाराएँ, उदारवाद, प्रत्ययवाद, मार्क्सवाद, लोकतांत्रिक समाजवाद, अराजकतावाद व नारीवाद।

11.8.18

अकादमिक प्रभारी  
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भरतपुर (राज.)



## Paper I : Foundations of Political Science

### Section-‘A’

Traditional and Contemporary Perspective of Political Science. Behaviouralism and Post-Behaviouralism, Inter-disciplinary Approach, Relation of political Science with other Social Science, Concept Power Authority legitimacy, freedom, Equality, law and Human rights.

### Section ‘B’

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

### Section ‘C’

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

Books Recommended:-

- Asirvatham: Political theory (Hindi and English editions)
- Mac Iver: The Modern State
- Appadorai: Substance of Politics (Hindi and English editions)
- S.B. Dubey: Rajnitik Shastra ke Sidhant
- V.K. Arora: Rajniti Vigyan (Gadodia Pustak Bhandar, Bikaner)
- J.C. Johri: Principles of Political Science
- Chandradev Prasad: Political Ideas
- S.N. Dubey: Development and Political thought in India
- Iqbal Narayan: Rajniti Shastra ke Sidhant
- Pukhraj Jain: Rajniti Shastra ke mool aadhar
- P.K. Chadda: Rajniti Shastra ke mool aadhar
- R.C. Agrawal: Rajniti Shastra ke Sidhant
- O.P. Gawa: Rajniti Vigyan ke Mool Aadhar

### द्वितीय प्रश्न पत्र - भारतीय राजनीतिक विचारक

#### खण्ड ‘क’

मनु, कौटिल्य, शुक्र

#### खण्ड ‘ख’

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

#### खण्ड ‘ग’

मोहनदास कर्मचन्द गान्धी, जवाहर लाल नेहरू, बी.आर. अम्बेडकर, एम. एन. राय, जयप्रकाश नारायण व दीनदयाल उपाध्याय।

  
**अकादमिक प्रभारी**  
महाराजा यूजमल बृज विश्वविद्यालय  
भरतपुर (राज.)

उत्पाद  
11.8.18

## Paper –II : Indian Political Thinkers

### Section- A

Manu, Kautilya, Shukra

### Section- B

Raja Rammohan Roy, Swami Dayanand Saraswati, Gopal Krishna Gokhale, Bal Gangadhar Tilak, Swami Vivekanand.

### Section- C

Mohandas Karamchand Gandhi, Jawahar Lal Nehru, Bhim Rao Ambedkar, M.N. Roy, Jai Prakash Narayan and Deen Dayal Upadhyay.

Book Recommended:-

- Awasthi and Awasthi : Pratinidhi Bhartiya Rajnitik Chintan
- V.P. Verma: Aadhunik Bhartiya Rajnitik avam Samajik Chintan
- Purshotam Nagar: Aadhunik Bhartiya Chintan
- Vishnoo Bhagwan: Pramukh Bhartiya Rajnitik Vicharak ( Adarsh Prakashan, chaura Rasta, jaipur)
- N.P. Verma: Indian Political Thought Vol. I & II
- J.P. Sood: Main Currents of Indian Political Thought

  
11.8.18

  
**अकादमिक प्रभारी**  
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भरतपुर (राज.)

## **B.A PART- Ist (2017-18)**

### **4. Public Administration**

Scheme	Max. Marks	Mini. Marks	Time
	200	72	
<b><u>Two Papers</u></b>			
Paper-I	100	36	3 Hours
Paper-II	100	36	3 Hours

**Note:** Each paper shall consist of two parts.

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

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

#### **Paper- I : Elements of Public Administration**

##### **Section-A**

Meaning, Nature and 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 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- Concept 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. Hoshjar Singh and Pradeep Sachdeva, Administrative Theory.
9. Ravindra Sharma, Lok Prashashan ke tatav.
10. Surendra Katariya, Lok Prashashan ke tatav.
11. R.K. Dubey: Adhunik Lok Prashashan.

## **Paper - II: Public Administration in India**

### **Section-A**

Historical Background of Indian Administration with special reference to 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 and 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, Enactment and 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: 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. R. Sharan; Public Administration in India.
3. Ramish Arora& Rajni Goyal: Indian Public Administration.
4. Avasthi & Avasthi: Indian Administration.
5. Hoshiar 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
11. प्रथम एवं द्वितीय प्रशासनिक सुधार आयोग के प्रतिवेदन

AS

(2)

अकादमिक प्रभारी

## प्रश्न पत्र – 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 – पदसोपन, आदेश की एकता, नियंत्रण का क्षेत्र, समन्वय, केन्द्रीयकरण, विकेन्द्रीयकरण, सत्ता एवं उत्तरदायित्व, मुख्य कार्यपालिका, सूत्र एवं स्टॉक 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 महत्व, 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 : कन्सेप्ट्स एण्ड एप्लीकेशन्स
4. मोहित भट्टाचार्य : पब्लिक एडमिनिस्ट्रेशन
5. रुमकी बसु : पब्लिक एडमिनिस्ट्रेशन
6. एम.पी.शर्मा एण्ड बी.एल. सदाना : 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 : भारत में लोक प्रशासन
- 10 सुरेन्द्र कटारिया : भारत में लोक प्रशासन
- 11 आर.के.दुबे : आधुनिक लोक प्रशासन

## 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, संघीय कार्यपालिका : राष्ट्रपति, प्रधानमंत्री एवं मंत्रिपरिषद्, केन्द्रीय सचिवालय, मंत्रिमण्डल सचिवालय का संगठन एवं कार्यकरण।

### द्वितीय खण्ड

गृह मंत्रालय, कार्मिक पेंशन एवं लोक शिकायत मंत्रालय का संगठन का 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 सेवाओं का वर्गीकरण, अखिल भारतीय सेवाओं में भर्ती एवं प्रशिक्षण, प्रशासन पर नियंत्रण : विधायी, कार्यपालिका व न्यायिक नियंत्रण, प्रशासनिक भ्रष्टाचार, लोक परिवेदनाओं का निवारण,

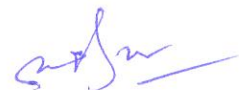
प्रशासनिक सुधार, कार्मिक प्रशासन एवं भ्रष्टाचार के विशेष संदर्भ में प्रथम प्रशासनिक सुधार आयोग एवं द्वितीय प्रशासनिक सुधार आयोग के प्रतिवेदनों का अध्ययन।

अनुशंसित पुस्तकें :

1. एस.आर. माहेश्वरी : भारतीय प्रशासन
2. पी.शरणः पब्लिक एडमिनिस्ट्रेशन इन इण्डिया
3. रमेश अरोडा एण्ड रजनी गोयल : इण्डियन पब्लिक एडमिनिस्ट्रेशन
4. अवस्थी एण्ड अवस्थी : भारतीय प्रशासन
5. होशियार सिंह एण्ड प्रदीप सचदेवा : भारतीय प्रशासन
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
11. प्रथम एवं द्वितीय प्रशासनिक सुधार आयोग के प्रतिवेदन

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अकादमिक प्रभारी



## B.A PART- I

### 5. 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-पत्र 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 लघु प्रश्न होंगे तथा प्रत्येक प्रश्न का उत्तर परीक्षार्थी को अधिकतम 20 शब्दों में देना होगा। दूसरे अनिवार्य प्रश्न के अंतर्गत दो-दो अंकों के 10 प्रश्न होंगे। प्रत्येक प्रश्न का उत्तर परीक्षार्थी को अधिकतम 40 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 of two parts Part I shall carry 40 marks. There shall be 2 questions in Part-I, first question will consist of 20 short questions of 1 mark each, carrying a word limit of 20 words. The second question will consist of 10 questions of 2 marks each, carrying a word limit of 40 words. Marks may be deducted if the word limit is exceeded. This part of the question paper will be given maximum one hour duration and shall relate to all the three sections covering thereby the entire course.

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

21/05/2019

अकादमिक प्रभारी  
महाराजा गुरुजल बृज विश्वविद्यालय  
भरतपुर (राज.)

## Paper I: Introduction to Sociology

### **Unit I: Understanding Sociology**

Origin of Sociology: Meaning, Nature, Subject Matter and Scope of Sociology. Sociology and other Social Sciences, Scientific and Humanistic Perspectives.

### **Unit II: Basic Concepts in Sociology.**

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

### **Unit III: Dynamics in Sociology**

Social Stratification: Concept, Forms and Theories (Functional and Marxist).

Social Mobility: Concept and Forms.

Social Control: Concept and Forms.

Social Change: Concept Forms (Linear and Cyclical).

Socialization: Concept, Stages and Theories (Sigmund Freud, G.H. Mead and C.H. Cooley)

### **Essential Readings: (in English):**

Beteille Andre, 2002: Sociology: Essay on Approach and Method, New Delhi: OUP.

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

Devis, Kingsley, 1981: Human Society, Delhi: Surjeet Publications.

Giddens Anthony, 2005: Sociology, London, Polity Press

Harlambos, M. 1998: Sociology: Themes and Perspectives. New Delhi: Oxford Inkeles, Alex. 1987: What is Sociology? New Delhi: Prentice-Hall of India Pvt. Ltd.

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

Johnson, Harry M. 1995 : Sociology : A Systematic Introduction. New Delhi: Allied Publishers.

Rawat, H.K. 2007: Sociology: Basic Concepts, Rawat Publications, Jaipur

Rawat, H.K. 2013: Contemporary Sociology, Rawat Publications, Jaipur

Schaefer, Richard T. and Robe P Lamn. 1999: Sociology, New Delhi:

Singh J.P. 2008: Sociology: Concepts and Theories, Prentice-Hall of India Pvt. Ltd.

### **Essential Readings : ( In Hindi)**

1. सिंधी, नरेन्द्र कुमार एवं गोस्वामी, वसुधाकर, 2007 समाज शास्त्र विवेचन, जयपुर : राजस्थान हिन्दी ग्रन्थ अकादमी
2. आहूजा, राम एवं आहूजा, मुकेश, 2008, समाजशास्त्र विवेचना एवं परिपेक्ष्य, जयपुर : रावत पब्लिकेशन्स
3. दोषी, एस.एल. एवं जैन पी.सी., 2006, समाजशास्त्र नई दिशाएँ, जयपुर : रावत पब्लिकेशन्स
4. सिंह, जे.पी. 2008, समाजशास्त्र : अवधारणाएँ एवं सिद्धान्त, नई दिल्ली : प्रेंटिस हल ऑफ इण्डिया प्राइवेट लिमिटेड
5. सिंह जे. पी. 2008, आधुनिक भारत में सामाजिक परिवर्तन, नई दिल्ली : प्रेंटिस हल ऑफ इण्डिया प्राइवेट लिमिटेड
6. मैकाइवर, आर. एम. एवं पेज चार्ल्स एच. 1992 : समाज (एक परिचयात्मक विश्लेषण), आगरा : रतन प्रकाशन मन्दिर (अनुवादक जी. विश्वेश्वरय्या एवं रामपाल सिंह गौड़)



## Paper. II: Society in India

### **Unit I: Sociological Understanding of Indian Society**

Textual and Field-View, Traditions: G.S. Ghurye and M.N. Srinivas, Civilization and the Marxian Tradition: N.K. Bose and D.P. Mukerji.

### **Unit II : Basic Institutions of Indian Society:**

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

### **Unit III: Challenges & Problems Before Indian Society:**

Casteism, Communalism, Regionalism, Corruption, Crime Against Women and Children, Drug Abuse, Problems of Ageing

#### **Essential Readings: (in English):**

- Ahuja, Ram, 1993: Indian Social System, Jaipur: Rawat Publications.  
Ahuja, Ram, 2002: Society in India: Concepts, Theories and Recent Trends, Jaipur: Rawat Publications.  
Ahuja, Ram, 2014: Social Problems in India, Jaipur : Rawat Publications.  
Atal, Yogesh, 2008: Changing Indian Society, Jaipur: Rawat Publications.  
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. Mandelbaum, D.G., 1970: Society in India, Bombay: Popular Prakashan Nagla, B.K. 2013: Indian Sociological Thought, Jaipur: Rawat Publications.  
Sharma K.L., 2007, Indian Social Structure and Change, Jaipur: Rawat Publications  
Singh, Yogendra, 1994: Modernization of Indian Tradition, Jaipur: Rawat Publications  
Srinivas, M.N. 1963: Social Change in Modern India, California: University of California Press .  
Srinivas M.N. 1980: India: Social Structure, New Delhi: Hindustan Publishing.  
Ubri, Patricia, 1993: Family, Kinship and Marriage in India, new Delhi: Oxford University Press.

#### **Essential Readings : ( In Hindi)**

1. आहुजा, राम, 2009, भारतीय सामाजिक व्यवस्था, जयपुर: रावत पब्लिकेशन्स
2. दोषी, एस.एल. 2009, भारतीय सामाजिक विचारक, जयपुर : रावत पब्लिकेशन्स
3. शर्मा, के. एल. 2006, भारतीय सामाजिक संरचना एवं परिवर्तन, जयपुर : रावत पब्लिकेशन्स
4. दोषी, एस.एल. एवं जैन पी. सी., 2002, भारतीय समाज, जयपुर : नेशनल पब्लिशिंग हाऊस
5. पटेल, तुलसी, 2011, भारत में परिवार : संरचना एवं व्यवहार, जयपुर : रावत पब्लिकेशन्स
6. जैन, शोभिता, 2006, भारत में परिवार, विवाह और नातेदारी, जयपुर : रावत पब्लिकेशन्स

आमला कोपदार

अकादमिक प्रभारी  
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## 6. B.A. Home Science Part I

### Examination Scheme in each year

- Each Theory paper will contain nine question having three questions from each unit. Candidates are required to attempt five question in all selecting at least one question from each unit. Each question will be of 10 marks.

### BA Home Science Part I

Paper	Subjects	Duration of exam	Maximum marks	Minimum marks
Theory Paper I	Family Resource Management	3hrs	50	18
Practical I	Family Resource Management	3hrs	50	18
Theory Paper II	Textiles and clothing	3hrs	50	18
Practical II	Textiles and clothing	3hrs	50	18
		Total	200	72

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5/10/2017  
A.K. Bhandari

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4/11/2017



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

Maximum Marks :50

Minimum Marks : 18

Teaching workload : 3hrs./week

Total teaching workload : 72 hrs./year

**Objectives :**

1. To understand the meaning of resources management concepts related to management.
2. To apply managerial process to management of time, energy and money.
3. To understand saving, investment and credit pattern of family.
4. To increase awareness about consumer problems, rights, responsibilities & protection laws

**Contents :**

**UNIT-I**

**Housing**

1. Function & family need of housing
2. Principles of house planning: aspect, prospect, grouping of room, roominess, privacy, orientation, circulation, flexibility, spaciousness, aesthetics economy, ventilation services
3. Site selection :
  - Vegetation:
    - i. Size
    - ii. Soil types drainage
    - iii. Contour (shape)
    - iv. Orientation
4. Elements and principles of arts and design as related to interior decoration with specific reference to color and light
5. Floor decoration with use of elementary art
6. Table setting & etiquettes

**UNIT-II**

**Interior designing**

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

अकादमिक प्रभारी

हस्ताक्षर  
Dr. A. K. Bhanu

हस्ताक्षर  
11/11/2017

### UNIT-III

#### Resource Management

13. Meaning, definition and importance of home management

14. Process of management:

- Planning,
- Organization,
- Implementation,
- Controlling and evaluation

15. Introduction to motivational factor (meaning and types)

- Values
- Goals
- Standards
- Decision Making
- Resources

16. Time management :

- Tools in time management
  - i. Time cost
  - ii. Time norms
  - iii. Peak loads
  - iv. Work curve and rest periods
- Process of managing time

17. Energy Management :

- Process of energy management
- Fatigue
- Body mechanics
- Works simplification, Mundel's Classes of changes
- Ergonomics : Meaning, importance & its components

18. Money Management

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

19. Consumer problems, rights & responsibilities

20. Seeking redressal to consumer problems with special reference to consumer courts

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

#### References :

1. Agarwal S (2009). Grah Prabandh Manual, Shivam book house. Jaipur
2. Birrel Verla Leone (1967). Colour and Design. A Basic Text (Vol. I & II). Digest submitted in requirement for the degree of education in Teacher college Columbia university
3. Bryan Lawson (1980). How Designer Think. Architectural press Ltd.
4. David H, Bangs Jr. The market planning guides. Gougotera publishing. 3<sup>rd</sup> Ed
5. Don Welers (1974). Who buys-A study of the Cosumer.
6. Donnelly JH, Gibson JL and Iyancevich JM (1995). Fundamental of Management. Chicago.
7. Fisher CD (1997). Human resource management Chennai : All Indian publishers and distributors.
8. Gillat M & Goldstein V (1967). Art Everyday Life. Oxford & IBH publishing Co. New Delhi.

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9. Goldstein M & Goldstein V (1967). Art Everything Life. Mc Graw hill books comp. Ltd. New York.
10. Gross I & Crandall E (1963). Management for Modern Families, Appleton Counter Contry Craft. New York.
11. Gross IH Crandall, Crandall EW and Knoll MM (1980). Management for modern families Macmillan.
12. Halse Alvert O (1978). The use of clour in interior. McGraw Hill Books comp. Ltd. New York. 2<sup>nd</sup> Ed.
13. Harburgsen Gaillhyn (1980). Design Concepts. Allyn & Bacon Inc.
14. Kale MG (1998). Management and human resources.
15. Kolter Philip, Armstrong Greg (1992). Principles of Marketing. Prentice Hall of Indian, New Delhi. 5<sup>th</sup> Ed.
16. Leland, J. Gordon, Stewart, M, Lee (1974). Economics and consumer. S'Van Nostrand Co. New York 7<sup>th</sup> Ed.
17. Mullick, Premalata (2000). Textbook of Home Science, Kalyani Publishers, New Delhi.
18. Nickell P and Dosery JM (1970). Management in family living. Wiley Eastern Ltd. New Delhi.
19. Patani M (2010). Hime Management Star Publication, Agra.
20. Sethi M and Seetharaman P (1994). Consumerism – A growing concept. Phoenix Publishing House, New Delhi.
21. Sherlekar SA (1990) Trade Practices & consumerism. Himalaya Publishing House, Mumbai.
22. Steidle RE & Bratton EC (1968). Work in the Home. John Willey and Sons, New York, London.
23. Thomson CH (1970). Home with Character. Massachusetts, C. Health & Co. Lexington 11rd Ed.
24. Varghese MA, Ogle M, Srinivasan K (1985) Home Management. Wiley Eastern Publishers, New Delhi.

#### FAMILY RESOURCE MANAGEMENT (PRACTICAL –I)

Maximum marks : 50

Minimum marks : 18

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

#### Objectives :

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

#### Contents :

1. Project work on money management :
  - How to ope various accounts in the bank.
  - Filling up of slips/forms of bank and post office.
    - i. Application for draft
    - ii. Cheques
    - iii. Withdrawl slip
    - iv. Money order form
    - v. Application for housing loan
2. Floor decoration : Alpana, Rangoli & Mandana
3. Flower arrangement : Fresh and dry arrangements, Pottery decoration
4. Table setting
5. Best out of waste (one article)
6. Cleaning of wood, stone, tiles, metal & glass.

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[Dr A K Bhandari]

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7. House Plans :

- For various income groups (LIG,MIG,HIG)
  - i. Drawing of architectural symbols of house plan.
  - ii. Architectural symbols of electricity plan
  - iii. Furniture symbols
- Rooms (making any one paper model)
  - i. Drawing Room
  - ii. Dining cum leaving room
  - iii. Children study room
  - iv. Bed room
  - v. Pooja Room
- Kitchen planning (making any one paper model)
  - i. One wall
  - ii. Two wall
  - iii. L shape
  - iv. U shape

**Examination scheme :**

**Total Marks : 50 marks**

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

**TEXTILES AND CLOTHING (THEORY PAPER-II)**

**Maximum marks : 50**

**Minimum marks : 18**

**Teaching workload : 3 hrs/week**

**Objectives :**

The course will lead to :

1. Acquaint students with basic knowledge of textiles and clothing
2. Familiarize the students to make purchase decisions in selection of clothing
3. Update the students with the recent innovations in the field.
4. Impart knowledge regarding traditional textiles and embroideries of India.

**Contents :**

**UNIT-I**

**Textile Study**

1. Fiber
  - Classification
  - Properties and their importance to the consumer with special reference to the care.
  - Natural Fibers
    - (a) Cotton
    - (b) Wool
    - (c) Silk
    - (d) Jute
  - Manmade Fibers

अकादमिक प्रभारी

Dr. A. K. Banerjee

11/11/21



- (a) Polyester
- (b) Polyamide
- (c) Rayon
- 2. Yarn
  - Simple Yarn
  - Novelty Yarn
  - Textured Yarn
- 3. Fabric : Different construction methods :
  - Weaving
  - Parts of loom
  - Steps in weaving
  - Types of weaves : Plain  
Twill  
Satin
  - Knitting
  - Felting
  - Lacing
  - Braiding
- 4. Finishing
  - Basic Finishes
    - Bleaching
    - Sizing
    - Desizing
    - Singeing
    - Tentering
  - Functional Finishes
    - Wash and wear
    - Mercerising
    - Sanoforizing
    - Flame retardant
    - Water resistant
    - Moth proofing
- 5. Dyeing and Printing
  - Classification of dyes
    - i. Natural
    - ii. Synthetic
  - Classification of printing
    - i. Direct
    - ii. Resist
    - iii. Discharge
- 6. Technical textiles
  - Categories and use in daily life
    - i. Mobiltech
    - ii. Agrotech
    - iii. Geotech
    - iv. Meditech
    - v. Protech

हस्ताक्षर  
Dr. A. K. Bandyopadhyay

अकादमिक प्रभारी

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महेश्वरी दिनेश्वरी

## UNIT-II

### Apparel Selection and Care

7. Selection of suitable fabrics and garments for different ages – infants, toddlers, pre-school children, school going children, adolescents
8. Climate, occasion, occupation, fashion, figure
9. Clothing for people with special needs : maternity and lactation, old age and physically challenged.
10. Selection of readymade garments
  - Appearance – Size, design, line and colours
  - Fabric – Durability, ease of care
  - Workmanship – Cutting, sewing and finishing
  - Cost & Fitting
11. Labelling
  - Textile fiber symbols
  - Care labelling symbols
12. Wash, Care and storage of
  - Cotton
  - Silk
  - Wool

## UNIT-III

### Designing & Traditional Textiles

13. Elements of design – Line, form, colour and texture
14. Principle of design – Proportion, Harmony, Balance and Emphasis
15. Traditional textile
  - Woven : Brocade
  - Printed : Sanganer, Bagru, Kalamkari
  - Dyed : Bandhani, Patola
  - Embroidered ; Kasuti, Kantha, Phulkari, Chikankari, Kutch

### References :

1. Susheela Dhantiyagi "Fundamentals of Textiles and their care" Orient Longman Ltd. 4<sup>th</sup> edition 1983 Reprinted 1994.
2. Shrivastave K.N. and Gupta M "Pramparagat Bhartiya Vastra" Hindi Granth Academy, 2011
3. Bela Bargava (2003) "Vastra Vigyan Avam dhulai Kriya" University Book House Jaipur
4. Joseph M.L. (1988), Essentials of Textiles, 5<sup>th</sup> edition, Holt Rinehart and Winston, New York
5. Ruby Jain (2006) "Basic Stitching Processes" CBH Publications.
6. Daulkar Durga, A Guide to household textile and loundary work, Atma Ram & Sons, New Delhi.
7. Isble B. Wintage – Textile fibers and their selection, Prentice hall Inc, Englewood, clif, N Jersey.

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हस्ताक्षर  
[Dr A. V. Bhatnagar]

हस्ताक्षर



## TEXTILES AND CLOTHING

Maximum Marks : 50

Minimum Marks : 18

Teaching workload – 2 practical/week (2hrs./practical) (batch of 20 student each)

### Contents :

#### Textile

##### 1. Make a Scrap Book of the Following :

- Fiber Samples – Cotton, Silk, Wool Jute, Nylon plaster
  - Yarn – Ply, textured and Metallic yarn
  - Fabric Samples – woven knitted and Non Woven – Felt (wool)
  - Technical textiles – Bandages and Scotch, Brile
- Printing – Tie & Dye/Batik/Block (process can also be done by) marking sample
  - Identification of Basic weavas : Plain, Twill, Sateen
  - Stain removal
  - Needle Craft
    - Equipment for printing, cutting and sewing
    - Sewing machine – Parts, defects and how to remedy their/them.
  - Construction process in garment making
    - Simple Stitches
    - Seams and seam finishes
    - Darts, Tucks, Pleats and Gathers
    - Finishing of Raw edges- Turning down a hem, piping saucing and top sewing.
    - Fasteners- Press – Button, Hook eye Button hole
    - Embroidery stitches (at least 10)
  - Garment construction – Frock, Blouse, Petticoat/Salvar Kurta

#### Examination Scheme

Total Marks – 50 marks

- Major – 25 marks
  - Printing
  - Embroidery sample + Garment Construction
- Minor – 15 marks
  - Weaving/Stain removal/Identification of fibers/Stitches/Darts, Pleats/Fastners (any two)
- Internal marks – 10 marks

अकादमिक प्रभारी

41.

नकार

11/11/2021

**B. A./B. Sc. Part I Examination - 2019**

**MATHEMATICS**

Teaching : 3 hours per week per theory paper

2 hours per week per batch for practical

(20 candidates in each batch)

**Examination Scheme :**

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

	Duration	Max Marks
<b>Paper – I</b> Discrete Mathematics	3 hrs	40 (Science) 53 (Arts)
<b>Paper – II</b> Advanced Calculus	3 hrs	40 (Science) 53 (Arts)
<b>Paper – III</b> Coordinate Geometry and Vector Calculus	3 hrs	40 (Science) 54 (Arts)
<b>Practical</b>	2 hrs	30 (Science) 40 (Arts)

**Note :-**

1. Syllabus of each of three papers is divided into FIVE units.
2. Each paper is divided into THREE sections A, B & C.
3. **Section-A** : TEN short answer type questions will be set taking two questions from each unit. Each question will carry 1 mark for Science and 1.5 mark for Arts. All questions will be compulsory.
4. **Section-B** : TEN questions will be set taking two questions from each unit. Each question will carry 3 marks for Science and 4 marks for Arts. Student has to attempt ONE question from each unit
5. **Section-C** : FIVE questions will be set taking one questions from each unit. Each question will carry 5 marks for Science in all three papers and 6 marks for Arts in paper I & II and 6.33marks in paper III. Student has to attempt ANY THREE Questions.
6. Common paper will set for Faculty of Science and Faculty of Social Science.

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7. 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 the head, department of Mathematics in the college.
8. An internal/external examiner can conduct practical examination of not more than 100 (one hundred) candidates (20 candidates in each batch).
9. Each candidate has to pass in theory and practical examinations separately.

## Paper – I Discrete Mathematics

Teaching : 3 hrs per week

Duration of Examination : 3 hrs

Max. Marks 40 (Science)

53 (Arts)

**Note:** This paper is divided into THREE Sections A, B, & C. **Section-A** consists TEN short answer type questions. Each question is of 1 mark for Science and 1.5 mark for Arts. All questions are compulsory. **Section-B** consists TEN questions taking two questions from each unit. Each question will carry 3 marks for Science and 4 marks for Arts. Student has to attempt FIVE questions selecting ONE question from each unit. **Section-C** consists FIVE questions taking one questions from each unit. Each question will carry 5 marks for Science and 6 marks for Arts. Student has to attempt any THREE questions.

**Unit – I : Algebraic Structures** – Binary operations, Definition and examples of groups, Elementary properties of groups, Order of an element, Cyclic groups, properties of cyclic groups, Permutation: product of two permutations, even and odd permutations, inverse of permutations, cyclic permutations, Permutation groups.

**Unit – II: Graph theory** – Introduction, definition of graph, degree of vertex, Directed graphs, finite and infinite graphs, hand shaking property, Regular graphs, Bipartite graphs, Operations on graphs, Isomorphism, Sub graphs, Connected and Disconnected graphs, Euler circuit and Euler graphs, Hamiltonian cycles and Hamiltonian graphs, Weighted graphs, Shortest path problem, Dijkstra algorithm.

**Unit – III :** Planner and non planner graphs, Euler's formula, Detection of planarity, Dual of planner graphs, Graph colouring, Chromatic number, Map colouring, Five colour theorem, Matrix representation of graphs. Trees, properties of trees, rooted tree, binary tree, Spanning tree, Spanning tree in weighted graphs, Kruskal's algorithm and Prim's algorithm to find minimal spanning tree in a weighted graph.

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अध्यक्ष प्रभारी

मुख्यालय, गुजरात विश्वविद्यालय  
अहमदाबाद (राज.)

**Unit – IV : Boolean Algebra-** Definition, duality, properties of Boolean algebra, Ordered relation in Boolean algebra, Lattices, Homomorphism, Boolean functions and expressions, Conjunctive and Disjunctive normal forms. Fundamental theorem of arithmetic, divisibility in  $\mathbb{Z}$ , Congruences, Chinese Remainder Theorem.

**Unit – V : Generating functions** – Discrete numeric function, ordinary generating function, Convolution of sequences, Summation using convolution, counting techniques, Partition of integers, Exponential generating function. Recurrence Relation - First order relation, second order linear homogeneous relation, Third and higher order linear homogeneous relations, Linear non homogeneous relations of second and higher order, Solution of recurrence relations using generating functions. Logic and propositional calculus- propositions, basic logical operations, truth tables, tautologies and contradictions, quantifiers.

## Paper – II Advanced Calculus

Teaching : 3 hrs per week

Duration of Examination : 3 hrs

Max. Marks 40 (Science)

53 (Arts)


**Note:** This paper is divided into THREE Sections A, B, & C. **Section-A** consists TEN short answer type questions. Each question is of 1 mark for Science and 1.5 mark for Arts. All questions are compulsory. **Section-B** consists TEN questions taking two questions from each unit. Each question will carry 3 marks for Science and 4 marks for Arts. Student has to attempt FIVE questions selecting ONE question from each unit. **Section-C** consists FIVE questions taking one question from each unit. Each question will carry 5 marks for Science and 6 marks for Arts. Student has to attempt ANY THREE questions.

**Unit – I : Convergence and Divergence of Infinite Series-** Introduction, Tests for convergence, Comparison test, D' Alembert ratio test, Cauchy's  $n^{\text{th}}$  root test, Raabe's test, De Morgan and Bertrand test, Cauchy's condensation test.

Successive Differentiation-  $n^{\text{th}}$  derivative of single variable functions, Leibnitz's theorem, Expansion of functions Using Maclaurin's theorem.

**Unit – II : Polar Coordinates** – Angle between radius vector and tangent, length of perpendicular from pole to the tangent, polar sub tangent and subnormal, Pedal equation of Cartesian and polar curves. Derivatives of arcs- – Cartesian and polar forms. Curvature – Definition, radius of curvature for Cartesian, polar and parametric curves, curvature at the origin, centre of curvature, circle of curvature, chord of curvature. . Partial differentiation, Euler's theorem on homogeneous functions, Total differentiation.

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भरतपुर (राज.)



**Unit – III : Envelopes** – Family of curves, Definition of envelope, Envelopes of Cartesian, polar and parametric curves. Asymptotes – Definition, methods to find asymptotes of Cartesian and polar curves, Intersection of curve and its asymptotes. Maxima and Minima of functions of two or three variables – Lagrange's condition for two independent variables, Lagrange's method of undetermined multipliers. Singular points, double point, Tracing of Cartesian and polar curves.

**Unit – IV : Gamma and Beta functions** – Definition, Transformations of Gamma functions, Relation between Beta and Gamma functions, Euler's functional equation, Double multiple formula. Double Integral- Evaluation of double integrals, Change of order of integration, Triple integrals – Evaluation of triple integrals, Dirichlet's formula for triple integrals.

**Unit – V : Rectification**- Meaning, lengths of Cartesian and polar plane curves. Quadrature – Areas bounded by plane curves ( Cartesian and polar ), Use of double integrals to find areas. Volume and Surfaces of solids of revolution, Pappus theorem, Use of triple integrals to find volumes.

### Paper – III Coordinate Geometry and Vector Calculus

Teaching : 3 hrs per week

Duration of Examination : 3 hrs

Max. Marks 40 (Science)

54 (Arts)

**Note:** This paper is divided into THREE Sections A, B, & C. Section-A consists TEN short answer type questions. Each question is of 1 mark for Science and 1.5 mark for Arts. All questions are compulsory. Section-B consists TEN questions taking two questions from each unit. Each question will carry 3 marks for Science and 4 marks for Arts. Student has to attempt FIVE questions selecting ONE question from each unit. Section-C consists FIVE questions taking one questions from each unit. Each question will carry 5 marks for Science and 6.33 marks for Arts. Student has to attempt ANY THREE questions.

**Unit – I : Two Dimensional Coordinate Geometry** – Conic sections, Parabola, Ellipse and Hyperbola, Intersection with straight lines, Condition of tangency, Tangent and Normals, Pair of tangents, Chord of contact, Pole and Polar lines, diameter, Parametric coordinates.

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**Unit-II :** Three Dimensional Coordinate Geometry– Sphere, Plane sections of sphere, Intersection of a sphere with a line, Tangent plane, Plane of contact, Pole and Polar planes, Orthogonality of two spheres, Radical plane, Radical line and Radical centre of sphere. Cone – Definition and equation, Enveloping cone , Representation of cone by a general equation second degree, Tangent plane, Reciprocal cone, Right circular cone.

**Unit-III:** Cylinder – Definition and Equation of cylinder, Enveloping cylinder, Right circular cylinder. Central Conicoid – Definition and standard equation, Tangent lines and tangent planes , Director sphere, Pole and Polar planes, Enveloping cone and enveloping cylinder, Normals to conicoids, Diameter and diametral planes.

**Unit – IV:** Generating lines of conicoids- condition for a straight line to be a generator, system of generating lines, properties of generating lines of hyperboloid. Reduction of general equation of second degree- principal planes and principal directions, centre of a conicoid , canonical forms, transfer of origin and rotation of coordinate axes for canonical form.

**Unit –V:** Vector Calculus – Differentiation and Integration of vector point function, Gradient of scalar point function, Divergence and Curl of vector point functions, Identities on gradient, curl, divergence. Gauss and Stock's theorems(no proofs are required) and their applications.

### Practical

Teaching : 2 hours per week

Examination Scheme:

Duration - 2 hours

	Science	Arts
Maximum Marks	30	40
Minimum Pass Marks	11	14
<b>Distribution of Marks:</b>		
Two Exercises one from each group		
10 marks each	= 20 marks	13 marks each = 26 marks
Practical record	= 05 marks	07 marks
Viva-voce	= 05 marks	07 marks
Total Marks	= 30 marks	40 marks

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**Group – A :** Graphs of some standard functions-  $x^n$  (for different value of  $n$ ),  $e^x$ ,  $\log_e x$ ,  $\log_a x$  ( $a < 1$  and  $a > 1$ ),  $\sin x$ ,  $\cos x$ ,  $\tan x$ ,  $\cot x$ ,  $\operatorname{cosec} x$ ,  $\sec x$ .

Tracing of Cartesian and polar two dimensional curves.

**Group – B :** Classification and Tracing of conics representing by general equation of second degree  $ax^2 + 2hxy + by^2 + 2gx + 2fy + c = 0$ .

Classification of conicoid representing by general equation of second degree

$$ax^2 + by^2 + cz^2 + 2fyz + 2gzx + 2hxy + 2ux + 2vy + 2wz + d = 0$$

**Note :-** Each candidate (Regular/Non-collegiate) has to prepare his/her record.



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**B. A./B.Sc Part – I**  
**6. ECONOMICS**

Scheme	Max. Marks	Mini. Marks	Time
For B A	200	72	
For B Sc	150	54	
<b><u>Two Papers For B A</u></b>			
Paper-I	100	36	3 Hours
Paper-II	100	36	3 Hours
<b><u>Two Papers For B Sc</u></b>			
Paper-I	75	27	3 Hours
Paper-II	75	27	3 Hours

Note: A candidate will be required to attempt five questions in all, selecting at least one question from each section and one compulsory multiple choice/objective type question. Each question will consist of 15 marks.

The multiple choice/objective type questions will consist of 15 questions of one mark each.

**PAPER – I : ECONOMIC CONCEPTS AND METHODS**

Duration: 03 Hrs

Max. Marks: 100

**Section – A**

Nature and Scope of Economics, Basic Economic problems. Assumptions in Economic analysis, Forms of economic analysis, Rationality in consumer's behavior (including ceteris paribus). Stock and flow variables. Positive and normative analysis. Equilibrium – partial and general.

Utility Analysis-Cardinal and ordinal approach, Law of Demand, Elasticity of demand, Properties of Indifference Curves, Properties of different market-perfect competition, monopoly, Oligopoly and monopolistic competition.

**Section – B**

Concept of National Income, Circular flow of Income, Measurement of National Income.

Money-Nature, Functions and Importance, Inflation and Deflation, Concepts of Demand and Supply of Money, Velocity of circulation of Money. Functions of Central Bank and Commercial Banks. Characteristics of Capitalism, Socialism and Mixed Economy.

**Section – C**

Concepts of Total, Average and Marginal-cost, Revenue and Production. The concept & interpretation of slopes of curves.

Definition, Nature, Importance & Limitations of Statistics. Collection and Tabulation of data-Primary and Secondary data, Census and Sampling method. Measures of Central Tendency-mean, Median and Mode.

**Recommended Books:**

1. Laxminarayan Nathuramka: Basic Concepts of Economics, College Book House, Jaipur.
2. Dan Ewert : Basic Concepts of Economics
3. H.L. Ahuja-Macro Economics, S. Chand and Company, New Delhi.
4. K.N. Nagar- Sankhiki ke Mool Tatva, meenakshi Prakashan, Meerut.



## **PAPER –II : INDIAN ECONOMY**

### **Section – A**

Basic Characteristics of Indian Economy, Natural Resources: land, Minerals, Water, Forests and Power Resources. 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; land Reforms, Irrigation and Irrigational Policy, Use of Fertilizers and Fertilizer Policy, Institutional Credit for Agriculture, marketing of Agricultural Goods – Support Price and Public Distribution System.

### **Section – B**

Industry: Role, Strategy and Challenges, SMEs, Public and Private Sector Industries, Industrial Finance- Role of Financial Institutions and Commercial Banks: Industrial Policy- Pre and Post Reform Period, Recent Industrial Policy, New Economic Policy and Disinvestment of Public Sector Undertaking.



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

### **Section – 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. NITI Aayog, National Development Agenda. Problems of Poverty; Unemployment, Inflation and Regional Inequalities; Rural Development Programmes and Policy; Sectoral Reforms in Infrastructure after 1991.

Recommended Books: (latest edition)

1. Dutt and Sundaram: Indian Economy, Ashwani Mahajan and Gaurav Dutt (Hindi & English) S.Chand, 72 nd English Edition 55 th Hindi Edition, New Delhi.
2. S.K. Mishra and V.K. Puri: Indian Economy, Himalaya Publishing House, New Delhi.
3. A.N. Agrawal: Indian Economy, Vikas Publishing Co., New Delhi.
4. Government of India: Economic Survey (Hindi & English).
5. Government of India: Five Year Plan (Latest)

  
  
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**महाराजा सूरजमल बृज विश्वविद्यालय**  
**भरतपुर (राज.)**

## B.A Part -I

### 9. Geography

#### Schemes of Examination

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

#### Notes

- Students are permitted to use the stencils, simple calculator and log tables wherever needed in both theory and practical examinations. Each theory paper will have a teaching of 4 hours per week.
- There will be a common paper for Arts and Science.
- Q.1 will be compulsory and will cover the entire course of the paper.  
Q No 1 of 20% marks of the maximum marks be set in two parts.  
(a) Part (a) will have ten items for locating on a map (to be supplied by examination centre) carrying 10% marks of the maximum marks and candidates shall attempt any five items.  
(b) Part (b) will have 10 short answer questions carrying 10% marks of the maximum marks and candidates shall attempt any five items.
- Remaining 9 questions carrying equal marks will be set with three questions from each section of the syllabus.
- Candidate will attempt 5 questions in all including question No. 1 selecting at least one question from each section.
- Practical examination will be conducted by the board of examiners.
- The candidate will have to pass in theory and practical separately.
- The non-collegiate candidates will have to attend a practical training camp of 48 hours at a college affiliated to the University of Rajasthan, Jaipur notified by the University from time to time in which Geography subject is taught on payment of fee fixed by the University. The candidates appearing at examination from any examination centre located in Jaipur City will attend the practical camp at the University Post Graduate Department on payment of fee fixed by the University. The candidate will procure Certificate of successful completion of practical training camp from the College/Department of Geography and produce the same at the time of practical examinations

  
11.08.2018



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**भरतपुर (राज.)**



## **PAPER - I : PHYSICAL GEOGRAPHY**

### **Section A**

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

### **Section B**

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

### **Section C**

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

### **Recommended Readings:**

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

## **PAPER II : GEOGRAPHY OF RAJASTHAN**

### **Section A**

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

### **Section B**

Mineral resources: distribution and production; Power and energy resources: distribution and production (hydro-electricity, coal, petroleum, solar energy and bio-energy) irrigation sources, irrigation intensity, crop wise irrigation, quality of irrigation water problems, irrigation projects: detailed study of Indira Gandhi canal project, Chambal valley project, Mahi Bajaj Sagar projects on physical and socio-economic aspects, agriculture development under five year plans, problems of agriculture development, general land use, live stock and dairy development, minerals.

Industries: textile, sugar, cement, marble and granite, fertilizer, zinc and copper smelting. Transport & trade, development of tourism, desert development programme, tribal areas development programme, Aravali hill development programme.

### **Section C**

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

### **Recommended Readings:**

नाथुरामका, एल.एन., 2012,13 राजस्थान की अर्थव्यवस्था । कॉलेज बुक हाउस जयपुर ।

साईवाल, स्नेह 2012,13: राजस्थान का भूगोल । कॉलेज बुक हाउस जयपुर ।

Bhalla, L.R. 1996-97: Geography of Rajasthan. Kuldeep Publications, Jaipur.

Gujar, R.K 1992: Geography of Indira Gandhi Canal. Rajasthan Hindi Granth Academy.

Lodha, R & Maheshwari, D 2001: Geography of Rajasthan Shahitya Bhawan Publication, Hospital Road, Agra.


Mishra, V.C 1967: Geography of Rajasthan. National Book trust of India, New Delhi.

Sing, R.L 1971 (ed.): India A Regional Geography NGSI, Varanasi.

Attar Singh. 1992: Flood Prone Areas of India. Aviskar Publishers Jaipur

Sharma H.S. and M.L. Sharma 2014: Geography of Rajasthan. Panchcil Publisher, Jaipur

सक्सेना, एच, एम, 2012: राजस्थान का भूगोल । राजस्थान हिन्दी ग्रन्थ अकादमी, जयपुर ।

  
11.8.18



**अकादमिक प्रभारी**  
महाराजा सूरजमल वृज विश्वविद्यालय  
भरतपुर (राज.)



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

### 10, PSHYCHOLOGY –

#### Scheme of Examination –

Faculty	Max. Marks	Min. Passing Marks
Arts	200	72 (Th. 54 Pr. 18)
Science	150	54 (Th. 36 Pr. 18)

Paper	Nomenclature	Duration	Max. Marks	
			Arts	Science
I	Basic Psychology <sup>cal</sup> Processes	3 Hrs.	75	50
II	Social Psychology	3 Hrs.	75	50
III	Practical	3 Hrs.	50	50

#### NOTE –

- 1- There will be three papers in Psychology. It will be common for Arts and Science. Each paper will be of 3 hours and would contain the entire course content of the paper.

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

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

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

For clarification the distribution of marks is tabulated as below –

ARTS			
Section	No. of Questions	Marks	Total
A	10	1.5	15
B	5 (Out of 7)	03	15
C	3 (with internal choice)	15	45
Total Marks			75

SCIENCE			
Section	No. of Questions	Marks	Total
A	10	01	10
B	5 (Out of 7)	02	10
C	3 (with internal choice)	10	30
Total Marks			50

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

### Paper – I

#### Basic Psychological Processes –

#### Section-A

- 1. Introduction** – Definition and Goals of Psychology: History Structuralism, Functionalism, Behaviourism, Gestalt and Psychoanalysis; Modern Perspectives Biological, Psychodynamic, Behavioural, Cognitive, humanistic, Evolutionary and Socio cultural; Methods Observation, Case Study, Survey and Experimental.
- 2. Biological Basis of Behaviour**– The Nervous System –Structure and Functions of Neuron. Structure and Functions of Central nervous System and Peripheral Nervous System.
- 3. Sensation and Perception**: Sensation – Meaning, Sensory Receptors, Sensory Thresholds, Habituation and Sensory Adaption. Perception- Meaning, <sup>constancies</sup> ~~Constancies~~ Size, Shape and Brightness, Gestalt Principles, Factors Influencing Perception.



## Section-B

4. **Learning: Definition and Theories**– Classical Conditioning, Operant Conditioning, Cognitive Learning, Observational Learning.
5. **Memory: Definition:** Encoding, Storage and Retrieval Processes; Models Level of Processing, Parallel Distributed Processing and Information Processing – Sensory, Short Term and Long Term Memory; Forgetting – Nature and Causes.
6. **Motivation and Emotion:** Meaning and Approaches – Instinct, Drive reduction, Arousal, Incentive and Humanistic. Emotion Elements: Physiology, Expression and Subjective Experience: Theories – Cannon – Bard, James – Lange, Schachter – Singer, Opponent-Process.

## Section-C

7. **Cognition**– Thinking Mental Imagery and Concepts; Problem Solving, Trail and Error, Algorithms, Heuristics, Insight; Barriers to Problem Solving.
8. **Intelligence**– Definition and Theories – Spearman, Guilford, Cattell, Sternberg, Gardner; Meaning of IQ; Intelligence Tests.
9. **Personality**– Definition; Type Theories and Trait Theories – Allport, Cattell, McCrac and Costa; personality assessment – Self Inventories, Projective Test and Behavioural Assessment.

### Books Recommended:

- Baron R.A. (2003) Psychology, Allyn and Bacon. New Delhi Prentice Hall India.
- Gerrig, R.J. and Zimbardo, P.G. (2005). Psychology and Life. New Delhi Pearson Education.
- Ciccarelli, S.K. and Meyer, G.E. (2006). Psychology. New Delhi, Pearson Education.
- सिंह, अरुण कुमार (2002): आधुनिक सामान्य मनोविज्ञान, दिल्ली, मोतीलाल बनारसीदास।

Section-A

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

Section-B

- 4- **Prejudice and Discrimination:** Nature and Origin: Reduction of Prejudice and Discrimination.
- 5- **Interpersonal Attraction:** Proximity and Affective Basis, Acquaintance and Need to Affiliate; Effects of Observable Characteristics, Similarity and Mutual liking.
- 6- **Leadership:** Definition and Functions: Types of Leadership, Trait, Situational and Contingency Approaches.

Section-C

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



### Books Recommended:

- Baron, R.A. and Byrne D. (1998): Social Psychology, New Delhi, Prentice Hall.
- Myers, David G (1994): Exploring Social Psychology, New York; McGraw Hill.
- अरुण कुमार सिंह (2002): समाज मनोविज्ञान की रूपरेखा मोतीलाल बनारसीदास, दिल्ली।

### Paper-III

#### Practical –

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

*Shankar*

## 11. PHYSICAL EDUCATION 2017-18

B.A. Part Ist Physical education course shall consist of two theory paper carrying 60 marks each (Total 120 marks) and practical examination carrying 80 marks (Two games & Sports 40 marks each). A candidate shall have to secure 36% 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 are required to answer one question from each unit.

### PAPER I

#### HISTORY OF PHYSICAL EDUCATION

Time 3 hours

Maximum Marks : 60

Minimum Pass Marks : 22

#### **Unit-I**

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

#### **Unit-II**

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

#### **Unit-III**

1. Physical Education and Sports training Institutions in India.
2. Sports Authority of India, Scheme & Function.
3. Rajasthan State Sports Council, Function, Aims & objective.
4. Arjuna Awards, Dronacharya Awards, Maulana Abdul Kalam Azad trophy, National Sports Scholarship, Dhyan Chand and Guru Vashist, Rajiv Gandhi Khel Ratan.

#### **Unit-IV**

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



6. Ancient Olympic, differentiate Ancient and Modern Olympic.

#### Unit-V

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

#### Books Recommended:-

1. Ajmer Singh etc. Basis of Physical education, Health & Sports B.A.Pt. I, Kalyani Publication Ludhiana
2. Ajmer Singh etc. Basis of Physical education, Health & Sports(B.A.Pt.II), Kalyani Publication Ludhiana
3. Ajmer Singh etc. Basis of Physical education, Health & Sports(B.A.Pt.III), Kalyani Publication Ludhiana
4. Ajmer Singh Aur Anya : Saririk Shiksha Swasthya evam Khelo Ki Adhunik Pathyapustak B.A.Pt. I, Kalyani Publications Ludhiana
5. Ajmer Singh Aur Anya : Saririk Shiksha Swasthya evam Khelo Ki Adhunik Pathyapustak B.A.Pt. II va III : Kalyani Publications Ludhiana
6. Sidhana Ashok Kumar : saririk Siksha Sidhant, Manovigyan evam Itihas: Sriyansh Publications Jaipur
7. Kamlesh & Sangral : Saririk Siksha ke Sidhant va Itihas: Prakash Brothers Ludhiana
8. Vaishnav Rajendra Prasad: Saririk Siksha Ka Sangthen va Vidhayan: Sriyansh Publications Jaipur

## PAPER II

### FOUNDATIONS OF PHYSICAL EDUCATION

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

**Time 3 hours**

**Maximum Marks : 60**

**Minimum Pass Marks : 22**

#### **Unit-I**

##### **Biological Foundation**

1. Heredity & Environment & its effect
2. Stages of growth & Development.
3. Principles of growth and development, factor effecting growth & development.
4. Different between growth & development, Different between male & female
5. Chronological, Anatomical, Physiological and Mental ages of individuals- their implications in developing and implementing physical Education Programmes.
6. Adolescent problems and their management.

#### **Unit-II**

##### **Psychological Foundations:**

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

#### **Unit-III**

##### **Philosophical Foundations:**

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

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Ahs  
(Nirakshar hon)



## Unit-IV

### Philosophical Foundations:

1. Respiratory System
2. Circulatory System
3. Muscles & type of Muscles.
4. General benefits of exercises
5. Benefit of exercises to the various systems.

## Unit-V

### Sociological Foundations:

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

### References:

1. Buchetr, Charles A. Foundations of Physical Education St. Louis: The C.V. Hosby company, 1986 Dollar 9.50
2. Williams Jesus Fering : The Principle of physical Education. Philadelphia : W.B. Saunders Company 1964
3. Kamlesh M.L. Physical Edu. Facts & Foundations, P.D.Pub. Faridabad.
4. Ajmer Singh etc. Basis of Physical Education, Health and Sports (B.A. Pt. I, II, III): Kalyani Publications Ludhiana
5. Ajmer Singh etc: Saririk siksha swasthya evam Khelo ki Adhunik Pathyapustak B.A. I : kalyani Publications Ludhiana
6. Ajmer Singh etc: Saririk siksha swasthya evam Khelo ki Adhunik Pathyapustak B.A. I, II, III : kalyani Publications Ludhiana
7. Sidhana Ashok Kumar: Saririk Siksha Sidhant, Manovigyan evam Itihas: Sriyansh Publications Jaipur
8. Kamlesh aur Sangral: Saririk Siksha ke sidhant va itihas: prakash Brothers Ludhiana
9. Vaishnav Rajendra Prasad: Saririk Siksha ka Sangthan va Vidhivan: Sriyansh Publications Jaipur

## PRACTICAL (GAMES AND SPORTS)

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

1. Four period for theory
  - (i) Ist paper
  - (ii) IInd paper
2. Four period for practical work
  - (i) Athletics: two periods
  - (ii) Games : Two periods

**(This shall carry 80 Marks)**

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(Niranjan Bhanu)

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M.S. BRITJ UNIVERSITY