

पाठ्यक्रम
SYLLABUS

SCHEME OF EXAMINATION AND COURSES OF STUDY

FACULTY OF ARTS & SOCIAL SCIENCE

B.A. (Hons) Part-I Examination
(10+2+3 Pattern)

2009-10 से प्रभावी(w.e.f.)

सत्र 2013-14

महर्षि दयानन्द सरस्वती विश्वविद्यालय, अजमेर

NOTICE

1. Change in Statutes/Ordinances/Rules/Regulations/ Syllabus and Books may, from time to time, be made by amendment or remaking, and a candidate shall, except in so far as the University determines otherwise comply with any change that applies to years he has not completed at the time of change. **The decision taken by the Academic Council shall be final.**

सूचना

1. समय-समय पर संशोधन या पुनः निर्माण कर परिनियमों / अध्यादेशों / नियमों / विनियमों / पाठ्यक्रमों व पुस्तकों में परिवर्तन किया जा सकता है, तथा किसी भी परिवर्तन को छात्र को मानना होगा बशर्ते कि विश्वविद्यालय ने अन्यथा प्रकार से उनको छूट न दी हो और छात्र ने उस परिवर्तन के पूर्व वर्ष पाठ्यक्रम को पूरा न किया हो। विद्या परिषद द्वारा लिये गये निर्णय अन्तिम होंगे।

**B.A. Honours Part I Examination
(CONTENTS)**

Scheme of Examination	4
Distribution of Marks	5
Compulsory Subject :	
1. General Hindi	6
Or General English	7
Elementary Hindi	8
History of Indian Civilisation	9
2. Elementary Computer Application	9
3. Environmental Studies	11
Subsidiary Subjects :	
(The scheme of examination, the course of study and text books for the subsidiary subjects of Hons. Part I Examination shall be the same as prescribed for the optional subjects of B.A. Part - I Examination)	
Honours Subjects :	
1. English Literature (Hons.)	16
2. Political Science (Hons.)	18
3. Economics (Hons.)	22
4. Geography. (Hons.)	29
5. History (Hons.)	36

SCHEME OF EXAMINATION

R. 11 (1) : For a pass at each examination, a candidate shall be required to obtain a minimum of 36% marks in each subsidiary subject and 40% in the Honours subjects. Passing separately in the Practicals wherever prescribed shall be necessary, successful candidates will be classified as under.

First division 60% - } of the aggregate marks prescribed in Honours and
Second division 50% - } Subsidiary subjects of Pt. I Pt. II and Pt. III examination
taken together.

All the rest will be declared to have passed the examination.

No division shall be awarded at the Honours PL I and Pt. II examination.

The number of papers and practicals, Wherever prescribed, the duration of examination, maximum marks and minimum pass marks are shown in the relevant syllabus.

A candidate shall be required to offer one Honours subject and one subsidiary subject out of the following subjects :

A. Subsidiary Subjects ;

- | | |
|---------------------------|------------------------|
| 1. Hindi Literature | 2. English Literature |
| 3. Urdu | 4. Sanskrit |
| 5. Persian | 6. Philosophy |
| 7. Indian Music | 8. Sociology |
| 9. Political Science | 10. Drawing & Painting |
| 11. Public Administration | 12. Economics |
| 13. Geography | 14. Psychology |
| 15. History | 16. Home science |
| 17. Mathematics | 18. Sindhi |

(Contents of Subject shall be same as prescribed for the optional subjects of B.A. Part-I Examination)

B. Scheme (Subsidiary Subjects)

(The scheme of examination, the course of study and text books for the subsidiary subject of Honours Pt. I examination shall be the same as prescribed for the optional subject of the B.A. I Examination)

C. Honours Subjects:

1. English Literature (Hons.)
2. Political Science (Hons.)
3. Economics (Hons.)
4. Geography (Hons.)
5. History (Hons.)

N.B. :- Candidates shall be required to offer the Four Paper and Practical (Wherever prescribed) of the Honours subject offered by him.

DISTRIBUTION OF MARKS

S.No.	Name of the Subject	No of Paper	Duration	Max Marks	Min Pass Marks
Compulsory Subject:					
	General Hindi		3 hrs.	100	36
	OR				
2.	General English		3 hrs.	100	36
	Or (a) Elementary Hindi (In lieu of G. Hindi)				
	Or (a) History of Indian Civilization (In lieu of G. Hindi)				
	Section B English				
3.	Elementary Computer Application	Theory	3 hrs.	100	36
4.	Environmental Studies	Theory	3 hrs.	100	36
Honours subjects :					
1.	English Literature (Hons.)	Paper I	3 hrs.	100	160
		Paper II	3 hrs.	100	
		Paper III	3 hrs.	100	
		Paper IV	3 hrs.	100	
2.	Political Science (Hons.)	Paper I	3 hrs.	100	160
		Paper II	3 hrs.	100	
		Paper III	3 hrs.	100	
		Paper IV	3 hrs.	100	
3.	Economics (Hons.)	Paper I	3 hrs.	100	160
		Paper II	3 hrs.	100	
		Paper III	3 hrs.	100	
		Paper IV	3 hrs.	100	
4.	Geography (Hons.)	Paper I	3 hrs.	80	128
		Paper II	3 hrs.	80	
		Paper III	3 hrs.	80	
		Paper IV	3 hrs.	80	
5.	History (Hons.)	Practical	8 hrs.	80	32
		Paper I	3 hrs.	100	160
		Paper II	3 hrs.	100	
		Paper III	3 hrs.	100	
		Paper IV	3 hrs.	100	

1. सामान्य हिन्दी

समय 3 घंटे

उत्तीर्णांक : 36

पूर्णांक : 100

निर्देश: इस प्रश्न-पत्र के प्राप्तांक श्रेणी निर्धारण में सम्मिलित नहीं किये जायेंगे।

अंक योजना-

(अ भाग)

गद्य एवं पद्य संकलन की विविध विधाएँ क्रमशः

(25 + 25 = 50 अंक)

1. एक प्रश्न व्याख्याओं से संबंधित क्रमशः

(10 + 10 = 20 अंक)

2. दो परिचयात्मक प्रश्न पाठ्य पुस्तकों से

(15 + 15 = 30 अंक)

(ब भाग)

1. शब्द शुद्धि

-5 अंक

2. वाक्य शुद्धि

-5 अंक

3. पारिभाषिक शब्दावली (अंग्रेजी शब्दों के हिन्दी समानार्थक शब्द)

-5 अंक

4. संक्षेपण

-5 अंक

5. पल्लवन

-5 अंक

6. वाक्यांश के लिए सार्थक शब्द

-5 अंक

7. प्रारूप

-5 अंक

8. शब्द युग्म: अर्थ-भेद

-5 अंक

9. निबन्ध

-10 अंक

गद्य-संकलन

- ग्रामोत्थान- नानाजी देशमुख, दीनदयाल शोध संस्थान चित्रकूट
- पर्यावरण और सनातन दृष्टि छगन मेहता, संक्रान्ति और सनातनता, संकलन से वागदेवी प्रकाशन बीकानेर
- ठिठुरता हुआ गणतंत्र (व्यंग्य)- हरिशंकर परसाई, तिरछी रेखाएँ, वाणी प्रकाशन दिल्ली
- लछमा (रेखाचित्र) महादेवी वर्मा, अतीत के चल चित्र वाणी प्रकाशन, नई दिल्ली
- अग्नि की उड़ान (परिच्छेद 16) ए.पी.जे.अब्दुल कलाम प्रभात प्रकाशन, नई दिल्ली
- भेड़ाघाट: मार्बल रॉक्स और धुआँधार - अमृत लाल बेगड़ अमृतस्य नर्मदा ग्रंथ, मध्यप्रदेश अकादमी, भोपाल, मध्यप्रदेश
- आवाज का नीलाम (एकांकी) धर्मवीर भारती गद्य-प्रभा-डॉ. नवल किशोर पंचशील प्रकाशन, जयपुर
- सावचेती विजयदान देवा, आउटलुक पत्रिका 03.10.2005
- हिन्दी भाषा और उसकी विरासत - डॉ. विद्यानिवास मिश्र, हिन्दी साहित्य का पुनरावलोकन विद्या निवास मिश्र, प्रभा प्रकाशन, दिल्ली
- सुसंग-कुसंग-सीताराम महर्षि, कृष्ण कुटीर, रतनगढ़, चुरू (राज.)
- ये हैं प्रोफेसर शशांक-डॉ. विष्णुकान्त शास्त्री - 'स्मरण को पाथेय बनने दो' संग्रह, लोक भारती, इलाहाबाद (उ. प्र.)
- तुलसी के काव्य में 'कुराज' और 'सुराज'- प्रो. सूर्य प्रसाद दीक्षित साहित्यिक डी 54, निराला, नगर लखनऊ (उ. प्र.)

पद्य - संकलन

- गंगावतरण, भारतेन्दु हरिश्चन्द्र 'भारतेन्दु समग्र' संपादक, हेमंत भार्मा हिन्दी प्रकाशन संस्थान, वाराणसी (उ. प्र.)
- गोवर्धन धारण, हरिऔध 'प्रिय प्रवास' महाकाव्य हिन्दी साहित्य कुटीर, वाराणसी (उ. प्र.)
- भारत वन्दना मैथिलीशरण गुप्त 'मंगल-घट' काव्य ग्रंथ साहित्य (नीलाम्बर परिधान)सदन

चिरगाँव, झाँसी (उ. प्र.)

- समर शेष है रामधारी सिंह दिनकर 'परशुराम की प्रतीक्षा' ग्रंथ से, राजपाल एण्ड संस, दिल्ली
- वीरों का कैसा हो बसन्त, सुभद्रा कुमारी चौहान 'सुभद्रा कुमारी चौहान' सम्पादक: सुधा चौहान साहित्य अकादमी, नई दिल्ली
- चल पड़े जिधर दो डग, सोहन लाल द्विवेदी 'राष्ट्रीय गीत संग्रह' साहित्य अकादमी, नई दिल्ली
- श्रम दयाकृष्ण विजय 'श्रम-धरा' अर्चना प्रकाशन, अजमेर
- भारती की साधना इन्दुशेखर तत्पुष्प 'हमार दृष्टि कोष स्मारिका' 70/75 मानसखेर जयपुर (राज.)

1. GENERAL ENGLISH

ration : 3

Min.Pass Marks 36

M.M. 100

Objectives : This is Essentially a Language Based Course. It aims at making students read English prose with a view to enlarging their comprehension of the language and encouraging them to develop reading habits. It also aims at giving them basic skills in grammar widening their vocabulary and teaching them to write simple and correct English.

- Comprehension and vocabulary
 - Question based on content from the prescribed text 10
 - Question based on a passage from the prescribed text to test the candidate's comprehension and vocabulary 20
 - Question based on an unseen passage to test the candidate's comprehension and vocabulary 10
(there will be text of essays and short stories between 100 and 120 pages in length. The text book prescribed is " Language Through Literature" (OUP, NEW DELHI)
- Composition
 - Letter/application writing 10 marks
 - Paragraph writing/ precis writing 10 marks
 - Report writing 10 marks
- Translation
 - Elements of a sentence 2 marks
 - Transformation of sentence 6 marks
 - Modals 2 marks
 - Tense usage 2 marks
 - Determiners 2 marks
 - Common errors in English 2 marks
 - Phrasal verbs 4 marks

Phrasal verbs

- Break : Break away, Break down, Break off, Break up
Bring : Bring about, Bring in, Bring up, Bring down
Come : Come by, Come across, Come upon

Carry	: Carry out, Carry on, Carry off, Carry over
Call	: Call on, Call off, Call at
Get	: Get Along, Get Away, Get By, Get Through, Get Over
Give	: Give up, Give away, Give in
Hard	: Hard up, Hard of hearing, Hard nut to crack, Hard to please
Look	: look after, look in to, look forward to, look upto
Put	: put out, put off, put up, put up with
Run	: run after, run down, run over, run out of
Take	: take after, take up, take to

Books recommended

1. A.J. Thomson and A.V. Martinet : A Practical English Grammar (Oxford Paper Back)
2. S.Pit Corder : Intermediate English Practice Book (Orient Longman)
3. Bhaskaran and Hordburgh : Strengthen Your English (OUP 1973)
4. T.I.h. Smith – Pearce : The English Errors Of Indian Students (OUP)
5. I.K. Sharma and V.D. Singh : A Practical Course of English (Ramesh Book Depot, Jaipur)

1. प्रारम्भिक हिन्दी**(ELEMENTARY HINDI)**

(सामान्य हिन्दी के स्थान पर केवल अहिन्दी भाषी क्षेत्रों से आए हुए विद्यार्थियों के लिए)
उत्तीर्णांक: 36 अर्थात् 3 घण्टे पूर्णांक : 100

अंकों का विभाजन-

- | | |
|--------------------------------|--------|
| 1. पुस्तकों पर आधारित | 50 अंक |
| 2. व्याकरण से संबंधित | 20 अंक |
| 3. रचना से संबंधित | |
| क. लोकोक्तियाँ तथा मुहावरे आदि | 10 अंक |
| ख. पत्र लेखन अथवा निबंध | 20 अंक |

पाठ्यक्रम :

1. अध्ययनार्थ पाठ्य पुस्तकें : क. निबंध-संग्रह , ख. कहानी संग्रह
2. व्याकरण : शब्द विचार, वाक्य विन्यास, वाक्य खण्ड, पद-क्रम का ज्ञान तथा इसमें होने वाली सामान्य त्रुटियों का ज्ञान।
3. रचना :
 - क. मुहावरों तथा लोकोक्तियों का प्रयोग, काव्य में समान दिखाने वाले शब्दों का अर्थ-भेद और उनका वाक्यों में प्रयोग
 - ख. पत्र लेखन, अथवा सरल निबन्ध।

पाठ्य पुस्तकें :**क. निबन्ध संग्रह**

सुगम हिन्दी गद्य (सम्पादक) सूरज भान, राजपाल एण्ड सन्स, दिल्ली

ख. गल्पदशिका 2, 7 एवं 8 पाठों को छोड़कर

सं. एम. एल. गर्ग एवं कमला भटनाकर, कालेज बुक डिपो, जयपुर

ग. व्याकरण एवं रचना-

सुबोध व्याकरण एवं रचना- सं. श्री व्यथित हृदय संशोधन कर्ता- डॉ. अम्बाप्रसाद सुमन, श्री राम मेहरा एण्ड कम्पनी, आगरा।

OR**HISTORY OF INDIAN CIVILISATION**

(in lieu of compulsory subject of General Hindi and Foreign Students)

Scheme of Examination

Min. Pass Marks 36 Duration: 3 hrs M.M. 100

There will be following three parts in the question paper of this subject.

Part A Marks – 20

Note : Part A will contain 10 question in all. candidate are required to attempt all question in 20 words each. All questions carry equal marks.

Part B Marks – 20

Part B will contain 05 question having one internal choice.

Candidate are required to attempt five questions 50 words each. All questions carry equal marks.

Part C Marks – 60

Part C will contain 05 questions in all. Candidate are required to attempt 03 questions in 400 words each. All questions carry equal marks.

HISTORY OF INDIAN CIVILISATION**Part 'A'**

Outline of Historical Development : Indus Valley and the Aryans Rise of Territorial States, Rise of Empires-Mauryas, Gupta, Kushan & Vardhana.

Part B'

Emergence and Impact of Islam, the Rajput and Akbar. The British Impact. The National Movement Tilak, Gandhi and Nehru.

Part 'C'

Social Life and Cultural Heritage : Family, Caste, Education, Buddhism and Jainism, Bhakti Movement, Literary and Art Heritage. Epics, Kalidas. Tulsidas, Tagore, Sanchi Ajanta Temple Architecture, Mughal Architecture Rajput and Mughal Painting.

2. ELEMENTARY COMPUTER APPLICATIONS

Paper	Exam Hours	Marks	
		Max	Min
Theory	3	100	36

Theory Examination paper will be as follows:

Duration 3 hours. maximum marks 100, consisting of 100 objective type questions

of 1 marks each.

Syllabus

1. Introduction to Information Technology, evolution and generation of computers, type of computers, micro, mini, mainframe and super computer. Architecture of a computer system: CPU, ALU, Memory (RAM, ROM families) cache memory, input/output devices, pointing devices.
2. Number system (binary, octal, decimal and hexadecimal) and their inter-conversions, character codes (ASCII, EBCDIC and Unicode). Logic gates, Boolean Algebra, machine, assembly and high level language including 3GL and 4GL.
3. Concept of Operating system, need and types of operating systems, batch, single user, multi-processing, distributed and time-shared operating systems. Process and memory management concepts. Introduction to Unix, Linux, Windows, Windows NT systems and their simple commands.
4. Internet: Concepts, email services, world wide web, web browsers, search engines, simple programs in HTML, type of HTML documents, document structure element, type and character formation, tables, frames and forms.
5. Word processing packages, standard features like tool bar, word wrap, text formatting, paragraph formatting, effect to text, mail-merge.
6. Presentation Packages: Slide creation, slide shows, adding graphics, formatting, customizing and printing.
7. Computer Networking: Type of networks, LAN, MAN and WAN concept of technology, bridges and routers, gateways and modems, ISDN and leased lines, teleconferencing and videoconferencing.
8. Multimedia technology: Introduction, framework for multimedia devices, image compression standards, JPEG, MPEG and MIDI formats.
9. Database Management Systems: Data, field and records, information database, creation of a database file, insertion, deletion and updating of records, modifying structure, editing and browsing of records, searching, sorting and indexing of records, retrieving of records and report generation. Data processing in government organizations.
10. E-commerce: Concept of e-commerce, benefits and growth of e-commerce, security considerations and hazards of virus and other security risks, anti-virus software, electronic payment system.

Laboratory:

The laboratory exercises will be designed to help in the understanding of concepts of computer and the utilization in the areas outlined in the theory syllabus. The emphasis should be on practical usage rather than on theoretical concepts only. In addition, MS-Office package is to be practiced in the lab.

3.COMPULSORY PAPER OF ENVIRONMENTAL STUDIES

Compulsory in 1 year for all streams at undergraduate level

Scheme of examination

Time 3 hrs

Pass Marks 36

Max. Marks 100

Theory

Theory paper will contain nine questions. The students are required to attempt five question in all including question no. 1 which will be compulsory.

Q1 short answer type. Ten question of two marks each (compulsory)

10×2 = 20 marks

Q2 to Q9 essay type question of 20 marks each (attempt any four)

The students are required to visit some field or sites mentioned in the syllabus under the guidance of a teacher. The teacher shall certify that the student have visited the site and should further inform their respective principal in writing regarding the same.

Note:

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

CORE MODULE SYLLABUS FOR ENVIRONMENTAL STUDIES FOR UNDERGRADUATE COURSES OF ALL BRANCHES OF HIGHER EDUCATION

Unit 1: The Multidisciplinary nature of environmental studies

Definition, scope and importance

Need for public awareness.

Unit 2: Natural Resources:

Renewable and non-renewable resources:

- Natural resources and associated problems.
 - a) Forest resources: Use and over-exploitation, deforestation, case studies. Timber extraction, mining, dams and their effects on forests and tribal people.
 - b) Water resources: Use and over-utilization of surface and groundwater, floods, drought, conflicts over water, dams-benefits and problems.
 - c) Mineral resources: Use and exploitation, environmental effects of extracting and using mineral resources, case studies.
 - d) Food resources: World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies.
 - e) Energy resources: Growing energy needs, renewable and nonrenewable energy resources, use of alternate energy sources. Case studies.
 - f) Land resources: Land as a resource, Land degradation, man induced Landslides, soil erosion and desertification.

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

Unit 3: Ecosystems

- 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, characteristic features, structure and function of the following ecosystem:
 - a. Forest ecosystem
 - b. Grassland ecosystem
 - c. Desert ecosystem
 - d. Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)

Unit 4: Biodiversity and its conservation

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

Unit 5: Environmental Pollution

Definition

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

Unit 6: Social Issues and the Environment

From Unsustainable to Sustainable development

- Urban problems related to energy
- Water conservation, rain water harvesting, watershed management
- Resettlement and rehabilitation of people; its problems and concerns. Case Studies.
- Environmental ethics: Issues and possible solutions.
- Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust. Case studies.
- Wasteland reclamation.
- Consumerism and waste products.
- Environmental Protection Act.
- Air (Prevention and Control of Pollution) Act.
- Water (Prevention and Control of Pollution) Act.
- Wildlife Protection Act.
- Forest Conservation 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

Unit 8: Field Work

- Visit to a local area to document environmental assets- river / forest / grasslands / hill/ mountain.
- Visit to local polluted site- Urban /Rural / Industrial /Agricultural.
- Study of common plants, insects, birds.
- Study of simple ecosystems- pond, river, hill slope, etc.

स्नातक अनिवार्य विषय : पर्यावरण विज्ञान

इकाई प्रथम

पर्यावरण अध्ययन की बहुआयामी प्रकृति, परिभाषा एवं महत्व जन जागृति की आवश्यकता

इकाई द्वितीय : प्राकृतिक संसाधन

नवीनीकरण एवं अनवीनीकरण संसाधन : प्राकृतिक संसाधन एवं उससे संबंधित समस्याएं

1. वन संसाधन : उपयोग एवं अतिशोषण, वनोन्मूलन केस अध्ययन, टिम्बर निष्कर्षण, खनन एवं उनके वनों एवं जनजातियों पर प्रभाव
2. जलसंसाधन : सतही एवं भूजल का उपयोग एवं अतिउपभोग, बाढ़, सूखा, जल विवाद, बांधों की समस्याएं एवं लाभ
3. खनिज संसाधन : उपयोग एवं अतिशोषण, खनिज संसाधन के उपयोग एवं निष्कर्ष के पर्यावरणीय प्रभाव, केस अध्ययन
4. खाद्य संसाधन : विश्व खाद्य समस्याएं कृषि एवं अतिचारण के कारण होने वाले परिवर्तन, आधुनिक कृषि के प्रभाव, उर्वरक एवं पीडकनाशक जनित समस्याएं, जलाक्रान्ति, लवणीयता, केस अध्ययन।
5. ऊर्जा संसाधन : बढ़ती हुई ऊर्जा आवश्यकताएं, नवीनीकरण एवं अवनीनीकरण ऊर्जा संसाधन, ऊर्जा संसाधनों का वैकल्पिक उपयोग केस अध्ययन।
6. भूसंसाधन : भूमि एक संसाधन, भूअपघटन, मानवजनित भूस्खलन मृदा अपरदन एवं मरुस्थलीकरण, प्रकृतिक संसाधनों के संरक्षण में व्यक्तिक भूमिका सतत् जीवनचर्या के लिए संसाधनों का उपयुक्त उपयोग।

इकाई तृतीय : पारिस्थितिकी तंत्र

- पारिस्थितिकी तंत्र की अवधारणा
- पारिस्थितिकी तंत्र की संरचना एवं कार्यप्रणाली
- उत्पादक, उपभोक्ता, अपघटक
- पारिस्थितिकी तंत्र में ऊर्जा प्रवाह
- पारिस्थितिकी अनुक्रमण
- खाद्य श्रृंखला, खाद्यजाल एवं पारिस्थितिकी स्तूप
- परिचय, प्रकार, विशेषताएं, गुण, संरचना एवं कार्यप्रणाली
- अ) वन पारिस्थितिकी तंत्र
- ब) घास के मैदान पारिस्थितिकी तंत्र
- स. मरुस्थल पारिस्थितिकी तंत्र
- द. जलीय पारिस्थितिकी तंत्र (तालाब, धारा, झील, नदियां, समुद्र)

इकाई चतुर्थ : जैव विविधता एवं संरक्षण

- परिचय -- परिभाषा : जीनीय, प्रजातीय एवं पारिस्थितिकी विविधता
- भारत का जैवभौगोलिक वर्गीकरण
- जैवविविधता का महत्व, उपभोगीय उपयोगिता, उत्पादकीय उपयोगिता, सामाजिक, नैतिक सौन्दर्य बोध एवं वैकल्पिक मूल्य
- वैश्विक, राष्ट्रीय एवं स्थानिक स्तर पर जैव विविधता
- भारत : एक मैगाविविधता राष्ट्र
- जैवविविधता के तप्तस्थल
- जैवविविधता के खतरे : आवासक्षय, वन्यप्राणियों का शिकार, मानव-वन्यप्राणियों के

बीच विरोधाभास

- भारत की विलुप्तप्राय एवं स्थानिक प्रजातियां
- जैव विविधता का संरक्षण : स्व स्थानीय एवं पूर्व स्थानी संरक्षण
- इकाई पंचम : पर्यावरणीय प्रदूषण
- परिभाषा, कारण, प्रभाव एवं नियंत्रण उपाय
- a) वायु प्रदूषण b) जल प्रदूषण c) मृदा प्रदूषण
- d) समुद्री प्रदूषण e) ध्वनि प्रदूषण f) तापीय प्रदूषण
- g) नाभीकीय खतरे
- टोस अपशिष्ट प्रबंधन : शहरी एवं औद्योगिक अपशिष्ट के कारण प्रभाव एवं नियंत्रण उपाय
- प्रदूषण निवारण में व्यक्तिगत भूमिका
- प्रदूषण केस अध्ययन
- आपदा प्रबंधन : बाढ़, भूकम्प, चक्रवात एवं भूस्खलन
- इकाई षष्ठम : सामाजिक मुद्दे एवं पर्यावरण
- असतत से सतत विकास
- ऊर्जा से संबंधित शहरी समस्याएं
- जल संरक्षण, वर्ष जल संचयन, जल प्रवाह प्रबंधन
- लोगों का पुनर्वास एवं पुनः नियोजन
- समस्याएं एवं चिन्ताएं केस अध्ययन
- पर्यावरण नीति, मुद्दे एवं संभव समाधान
- जलवायु परिवर्तन, वैश्विक तापवृद्धि, अम्लवर्षा, ओजोनपरत क्षरण
- परमाणु दुर्घटनाएं एवं पूर्णाहुति, केस अध्ययन
- बंजर भूमि उद्धार
- उपभोक्तावाद एवं अपशिष्ट उत्पाद
- पर्यावरण निवारण नियम
- वायु निवारण (निवारण एवं नियंत्रण) प्रदूषण नियम
- जल (निवारण एवं नियंत्रण) प्रदूषण नियम
- वन्य जीव संरक्षण नियम
- वन संरक्षण नियम
- पर्यावरण कानूनों के प्रवर्तन में शामिल मृद्दे
- जन जागरूकता
- इकाई सप्तम : मानव जनसंख्या एवं पर्यावरण
- जनसंख्या वृद्धि, राष्ट्रों के बीच भिन्नता
- जनसंख्या विस्फोट, परिवार कल्याण योजना

- पर्यावरण एवं मानव स्वास्थ्य
- मानव अधिकार
- मौलिक शिक्षा
- एच.आई.वी./एड्स
- महिला एवं शिशु कल्याण
- पर्यावरण एवं मानव स्वास्थ्य में सूचना एवं प्रौद्योगिकी की भूमिका
- केस अध्ययन (घटनात्मक/उदाहरणात्मक अध्ययन)
इकाई अष्टम् : स्थानीय क्षेत्रों की यात्रा
- पर्यावरण दस्तावेजों के लिये नदी/वन/घास के मैदान, पहाड़ी, पहाड़
- स्थानीय दूषित क्षेत्रों की यात्रा - शहरी/ग्रामीण/औद्योगिक/कृषि
- स्थानीय पेड़ों, कीड़ों एवं पक्षियों का अध्ययन
- सरल पारिस्थितिकी तंत्र का अध्ययन - तालाब, नदी, पहाड़ी तलहटी

Honours Subjects

ENGLISH LITERATURE (Hons.)

Scheme

Four Papers	Duration	Max. Marks	Min. Pass Marks
Paper-I	3 hrs.	100	40
Paper-II	3 hrs.	100	40
Paper-III	3 hrs.	100	40
Paper-IV	3 hrs.	100	40

PAPER-I : ENGLISH LANGUAGE

Note :- Candidates will be required to answer five questions in all with at least one question from each section. All questions will carry equal marks.

Section-"A"

Comprehension, Essay writing.

Section-"B"

Precis writing, Critical Appreciation of an Unseen Poem.

Section-"C"

Grammar and Usage from A.S. Hornby. : Guide to Patterns and Usage in English. Anomalous Finites. Time and Tense. Determiners. Adjective Equivalents (including relative clauses) and Adverbials.

Books Recommended :

- L.G. Alexander : Poetry and Prose Appreciation for Overseas Students.
- L.A. Hill : Literary Appreciation
- R.A. Close : The English We Use.

PAPER II-PRE-ROMANTIC AND ROMANTIC POETS

For detailed study :

The poems of Collins, Cowper, Wordsworth, Keats and Shelley as in Units A.B. & C below.

Section-"A"

William Collins, "Ode to Evening". The Castaway. The Solitude of Alexander Selkirk

Section- "B"

W.Wordsworth, "Lines Composed a Few Miles above Tintern Abbey", "Ode on Intimations of Immortality", S.T. Coleridge : Christabel Pts. I & II.

Section-"C"

Byron : Vision of Judgement

J.Keats : Eve of St. Agnes.

Shelley : "Ode to the West Wind, The Cloud.

Books recommended :

Pelican Guide to English Literature ed. Boris Ford

(From Blake to Byron)

Grafton Hough : Romantic Poets.

C.M. Bowra : The Romantic Imagination

G.W. Knight : The Starlit Dome.

PAPER-III - VICTORIAN POETRY AND DRAMA

Note :- Candidates will be required to answer five questions in all - Question 1 (Four passages for explanation with reference to the context from the texts prescribed for detailed study), and four other questions with at least one each from questions on authors in Sections A,B & C. All Questions will carry equal marks.

For detailed Study :

Poems of Tennyson, Browning, Arnold, Rosetti and Hopkins as in sections A & B.

Section-"A"

A. Tennyson : "The Lady of Shallot", "Ulysses", "Lotos Eaters"

R. Browning : "The Laboratory", "The Last Ride Together", "My Last Duchess".

Section-"B"

M. Arnold : "Dover Beach", "Thyrsis"

D.G. Rosetti : "The Blessed Damozel"

C.A. Swinburne : "The Garden of Proserpine", "A Forsaken Garden"

G.M. Hopkins : "Spring and Fall", "Pied Beauty".

Section-"C"

O. Wilde : Lady Windermere's Fan

SUGGESTED READINGS :

Pelican Guide to English Literature Ed. Boris (Ford From Dickens to Hardy)

Dobree & Batho	: The Victorians and Temper.
H. Walker	: Literature of the Victorian Era.
G.K. Chesterton	: The Victorian Age in Literature.
F.H. Buckley	: The Victorian Temper

PAPER-IV - NINETEENTH CENTURY PROSE AND FICTION

Note :- Candidates will be required to answer five questions in all-Question 1 (four passages for explanation with reference to the context from the texts prescribed for detailed study), and four other questions with at least one each from question on authors in Section & A,B & C. All Questions will carry equal marks.

For detailed study :

The essays of Lamb, Hazlitt and Carlyle as in Section A

Section-"A"

Charles Lamb	: The following essays from "Essays of Elia" ed. N.L. Hallward & S.C. Hill (Macmillan) "Oxford Vacation", "In Praise of Chimney-Sweepers", "Mackmany Edn. in Hertford-Shire".
William Hazlitt	: "On Familiar Style", "On Going a Journey"
Thomas Carlyle	: The Hero as Poet.

Section - "B"

Jane Austen	: Emma
C. Dickens	: Great Expectations

Section "C"

Thomas Hardy	: Tess of the D'Urbervilles
R.L. Stevenson	: Dr. Jekyll and Mr. Hyde

SUGGESTED READINGS :

Pelican Guide to English Literature ed – Boris Ford (From Dickens to Hardy)

D. Thomson	: English in the Nineteenth Century (Pelican)
H.V. Routh	: Towards the Twentieth Century
S. Vines	: A Hundred Years of English Literature 1830-1940
W.E. Baker	: The Re-Interpretation of Victorian Literature.
W. Woolf	: The Common Reader.
M.H. Law	: The English Familiar Essay in the Nineteenth Century.

B.A. I POLITICAL SCIENCE (Hons.)

PAPER I – MODERN POLITICAL THEORY

Time 3 hrs.

Max. Marks 100

Note: Each theory paper is divided into three independent units. The question paper will be divided into three parts Part-A, Part-B and Part-C. Part A (20 marks) is compulsory and contains 10 questions at least three questions from each unit each question is of two mark (20 words). Part -B (20 marks) is compulsory and will contain five questions at least one from each unit. Candidate

is required to attempt all five questions. Each question is of four marks (50 words). Part-C (30 marks) contains six questions two from each unit. Candidate is required to attempt three questions one from each Unit. Each question is of twenty marks (400 words).

UNIT I

Meaning and Characteristics of Political Theory.

Political Theory – Political Philosophy and Political Science.

Methods of Political Analysis – Scientific and Philosophical.

Political Theory – Normative and Empirical.

Decline and Revival of Political Theory.

Behavioural Approach in Political Science

UNIT II

Systems Analysis (David Easton) Structural Functional Analysis (Gabriel Almond).

Post – Behaviouralism – An end to Fact – Value Debate.

UNIT III

Modern Concepts – Elite, Power, Authority and Legitimacy

Modern Approaches – Political Development – PYE

Political Modernization – Welch

Political Culture – Almond

Political Socialization – Hynn

Selected readings:

1. Brecht, Arnold : Political Theory – Foundations of Twentieth Century Political Thought
2. Germino, D. : Beyond Ideology : Revival of Political Theory.
3. Gould and Thursby (Ed.) : Contemporary Political Thought.
4. Mishra, K.K. & Iyengar, Kalpana : Modern Political Theory.
5. Verma, K.N. : Raj Darshan in 4 Volumes. (in Hindi)
6. Verma, S.L. : Sankalin Rajnitik Chintan. (in Hindi)
7. Verma, S.P. : Modern Political Theory (Hindi & English)
8. Young Rolland : Approaches to the study of Political Science.
9. Rathod, P.B. : Political Analysis, ABD Jaipur, 2006.

PAPER II – NATIONAL MOVEMENT AND CONSTITUTIONAL HISTORY 1885 TO 1947

Time 3 hrs.

Max. Marks 100

Note: Each theory paper is divided into three independent units. The question paper will be divided into three parts Part-A, Part-B and Part-C. Part A (20 marks) is compulsory and contains 10 questions at least three questions from each unit each question is of two mark (20 words). Part -B (20 marks) is compulsory and will contain five questions at least one from each unit. Candidate is required to attempt all five questions. Each question is of four marks (50 words). Part-C (30 marks) contains six questions two from each unit. Candidate is required to attempt three questions one from each Unit. Each question is of

twenty marks (400 words).

UNIT I

Growth of Nationalism in India. Moderates and Extremists; Programmes and Policies of the Congress in the earlier period.

Government reaction to the establishment of Congress Party

Role of Extremism in Indian Politics, Government Policy of Divide and Rule – Partition of Bengal. Growth of Communalism in Indian Politics: The Surat Split. Morley – Minto Reforms. Government of India Act, 1919, Indian National Movement upto 1919.

UNIT II

Non Co-operation Movement and Swaraj Party, Communal problem and Simon Commission, Nehru Report

Civil Disobedience Movement, Communal Award and Round Table Conferences.

UNIT III

Government of India Act, 1935-Salient Features: All India Federation, Federal Executive. Provincial Autonomy, National Movement from 1937 to 1947 and the Indian Independence Act of 1947.

selected readings:

1. Agarwal. R.C.: Constitutional Development of India and National Movement (Hind & English). S.Chand & Company N.D.
2. Gupta. D.C.: Indian Government and Politics.

Paper III : Representation Political Thinkers

Time 3 hrs.

Max. Marks 100

Note: Each theory paper is divided into three independent units. The question paper will be divided into three parts Part-A, Part-B and Part-C. Part A (20 marks) is compulsory and contains 10 questions at least three questions from each unit each question is of two mark (20 words). Part -B (20 marks) is compulsory and will contain five questions at least one from each unit. Candidate is required to attempt all five questions. Each question is of four marks (50 words). Part-C (30 marks) contains six questions two from each unit. Candidate is required to attempt three questions one from each Unit. Each question is of twenty marks (400 words).

Unit I

Manu, Kautilya, Shukra

Unit II

Raja Ram Mohan Roy, Swami Dayanand Saraswati, Gopal Krishna Gokhala, Bal Gangadhar Tilak

Unit III

M.K. Gandhi, Jawahar Lal Nehru, B.R. Ambedkar, M.N. Roy, Jai Prakash Narayan.

Selected Readings:

1. A. R.Appodora: Indian Political Thinking, Through the Ages, Delhi, 1992.
2. A.R.Desai: Social Background of Indian Nationalism

3. B.R. Purohit: Development of Political Thought, Rajasthan Hindi Granth Academy, Jaipur, 2000. (in Hindi)
4. C. Bhraill: Social and Political Ideas of B.R. Ambedkar
5. Chandradeve Prasad: Political Ideas
6. D.Mathur: Gokahale: A Political Autobiography
7. K.P.Karunakaran: Continuity and Change in Indian Politics
8. L.P. Sinha: Left in Indian Politics
9. M.A. Buch: Rise and Growth of Indian Liberalism
10. Purshattam Nagar: Indian Modern Social and Political Thought, Rajasthan Hindi Granth Academy, Jaipur, 2000. (in Hindi)
11. Sheidon Wolin: Politics and Vision
12. Subrata Mukherjee & Sushila Ramaswamy: A History of Political Thought-Plato to Marx
13. V.P. Verma: Political Theories
14. V.R. Mehta: Foundations of Indian Political Thought, Manohar Publishers and Distributors, New Delhi, 1999.
15. Verendera Grover: Bal Gangadhar Tilak
16. W.A. Dunning: History of Political theory (3 Volumes)
17. बी. एल. फडिया: पाश्चात्य राजनीतिक विचारों का इतिहास
18. हरिदत्त वेदालकार: पाश्चात्य राजनीतिक विचारों का इतिहास
19. डॉ. बी. आर. पुरोहित: राजनीतिक चिन्तन का विकास
20. पी. डी. शर्मा रू पाश्चात्य राजनीतिक विचारों का इतिहास
21. Dr. M.K. Baharwal: Foundation of Political Science, Himanshu Publication Udaipur

PAPER IV

ELEMENTS OF PUBLIC ADMINISTRATION

Time 3 hrs.

Max. Marks 100

Note: Each theory paper is divided into three independent units. The question paper will be divided into three parts Part-A, Part-B and Part-C. Part A (20 marks) is compulsory and contains 10 questions at least three questions from each unit each question is of two mark (20 words). Part -B (20 marks) is compulsory and will contain five questions at least one from each unit. Candidate is required to attempt all five questions. Each question is of four marks (50 words). Part-C (30 marks) contains six questions two from each unit. Candidate is required to attempt three questions one from each Unit. Each question is of twenty marks (400 words).

UNIT I

Meaning, Nature, Scope of Public Administration. Public and Private Administration – Importance of Public Administration in a Democratic, Socialistic and Welfare State.

UNIT II

Organization Theory – Old and New Principles of Organization, Line Staff relationship – hierarchy.

Delegation, Coordination, Supervision
 Administrative Leadership, Decision – Making and Communication.
 Management of Public Enterprises with Special reference to the problem of
 Public Corporation.

UNIT III

Control over Public Administration – Legislative, Judicial and Popular Nature,
 Limits and role of these controls.

Personnel Administration – Recruitment, Training and Discipline.

Financial Administration : Budget Formulation and Execution, Parliamentary control.

Selected Readings:

1. Awasthi & Maheshwari – Public Administration (Also Hindi Edition)
2. Bhambhari, C.P. : Public Administration.
3. Fadia, B.L. : Lok Prashashan. (in Hindi)
4. Gladedn, E.N. : Elements of Public Administration.
5. Peffiner and Sherwood : Public Administration.
6. Sharma, M.P. : Theory and practice of Public Administration.
7. Sharma, P.D. : Lok Prashashan Ke Siddhant Avem Vyavhar (in Hindi)
8. Simon Smithburgh & Thompson : Public Administration.
9. Tyagi, A.R. : Public Administration.

B.A. (Hons.) ECONOMICS

Scheme of Examination

There shall be four papers and the maximum marks for each paper together with
 minimum marks required for a pass are shown against each paper seperately.

Four papers		Min. Pass	Max
		Marks 160	Marks 400
Paper I	3 hrs Duration	40	100 marks
Paper II	3 hrs Duration	40	100 marks
Paper III	3 hrs Duration	40	100 marks
Paper IV	3 hrs Duration	40	100 marks

Note : In examination each paper will contain three parts A, B and C.

Part A Marks - 20
 All questions are compulsory. The answer of each question should not exceed
 20 words. All questions carry equal marks.

Part B Marks - 20
 All questions are compulsory. The answer of each question should not exceed
 50 words. All questions carry equal marks.

Part C Marks - 60
 The candidate should attempt 3 questions selecting one question from each
 unit. The answer should not exceed 400 words. All questions carry equal marks.

Paper-I MICRO ECONOMICS

3 hrs. duration

Max. Marks 100

Note : In examination each paper will contain three parts A, B and C.

Part A Marks - 20
 All questions are compulsory. The answer of each question should not exceed
 20 words. All questions carry equal marks.

Part B Marks - 20
 All questions are compulsory. The answer of each question should not exceed
 50 words. All questions carry equal marks.

Part C Marks - 60
 The candidate should attempt 3 questions selecting one question from each
 unit. The answer should not exceed 400 words. All questions carry equal marks.

Unit I

Introduction

Nature and scope of economics; Methodology in economics; Choice as an
 economic problem; basic postulates; Role of price mechanism; Demand and
 supply; Basic framework-applications; Market equilibrium.

Consumer's Behaviour

Utility - Cardinal and ordinal approaches; Indifference curve; Consumer's
 equilibrium (Hicks and Slutsky); Giffin goods; Elasticity of demand-Price, income
 and cross; Consumer's surplus; Engle curve.

Theory of Production and Costs

Production decisions; Production function; Iso-quant, Factor substitution; law
 of variable proportions; returns to scale; economies of scale; Different concepts
 of cost and their interrelation; Equilibrium of the firm; Expansion path.

Unit II

Market Structure

Market forms - Perfect and imperfect markets; Price & Output determination in
Perfect competition, monopoly, Monopolistic Competition, Duopoly, Oligopoly
 (Paul's M Sweezy Model). Price discrimination under monopoly, Measure of
 monopoly power.

Factor Pricing

Marginal productivity theory of distribution; Modern Theory of Factor Price
 Determination with the help of MPP, VMP and MRP (With the help of Tables).
 Theories of wage determination; Wages and collective bargaining; Wage
 differentials; Rent - Scarcity rent; Differential rent; Quasi rent; interest - Classical
 and Keynesian theories; Profits - Innovation, risk and uncertainty theories.

Unit III

Investment Analysis

Payback period - average annual rate of return, Net present value, Internal rate
 of return criteria. price changes, risk and uncertainty, elements of social cost-

benefit analysis.

Welfare Economics

Problems in measuring welfare; Classical welfare economics; Pareto criteria (Production, Consumption and Distribution); Concept of a social welfare function; Compensation principle - Kaldor, Hicks.

BASIC READING LIST

- Bach, G.L. (1977), Economics, Prentice Hall of India, New Delhi.
- Gaud, J.P. and Edward P.L. (1996), Microeconomic Theory, Richard Irwin, Homewood.
- Henderson J. and R.E. Quandt (1980), Microeconomic Theory : A mathematical Approach, McGraw Hill, New Delhi.
- Heathfield and Wibe (1987), An Introduction to Cost and Production Functions, Macmillan, London.
- Koutsoyiannis, A. (1990), Modern Microeconomics, macmillan.
- Lipsey, R.G. and K.a. Chrystal (1999), Principles of Economics (9th Edition), Oxford University Press, Oxford.
- Mansfield, E. (1997), Microeconomics (9th Edition), W.W. Norton and Company, New York.
- Ray, N.C. (1975), An Introduction to Microeconomics, Macmillan Company of India Ltd., Delhi.
- Ryan, W.J.L. (1962), Price Theory, Macmillan and CO. Limited, London.
- Samuelson, P.A. and W.D. Nordhaus (1996), Economics, Tata McGraw Hill, New Delhi.
- Stonier, A.W. and D.C. Hague (1972), A Textbook of Economic Theory, ELBS.& Longman Group, London.
- Varian, H.R. (2000), Intermediate Microeconomics : A Modern Approach (5th Edition), East-West Press, New Delhi.

Paper-II - Indian Economic Thought

Duration : 3 Hours

Max. Marks : 100

Note : In examination each paper will contain three parts A, B and C.

Part A

Marks - 20

All questions are compulsory. The answer of each question should not exceed 20 words. All questions carry equal marks.

Part B

Marks - 20

All questions are compulsory. The answer of each question should not exceed 50 words. All questions carry equal marks.

Part C

Marks - 60

The candidate should attempt 3 questions selecting one question from each unit. The answer should not exceed 400 words. All questions carry equal marks.

Unit I

Prominent ancient Indian economic thinkers and major source books (Only names and brief knowledge). Definition & scope of economics accordingly to Kautilya and Shukra. Basic Assumptions - integral man, integrated rationality, dharma based economic structure and four purusarthas. Human wants - nature origin

and kinds. The concept of restrained consumption & co-consumption. Meaning and importance of wealth & code of conduct for earning and spending.

Economic ideas of Manu, Shukra and Kautilya in the field of consumption, production, exchange, distribution and public finance.

Unit II

Economic thoughts of Swami Dayanand Saraswati, Dada Bhai Narauji, Mahadev Govind Ranade, Gopal Krishna Gokhle, R.C. Dutta and M.N. Roy.

Unit III

Major Economic thoughts of M.K. Gandhi, Vinoba Bhave, Dr. B.R. Ambedkar, J.L. Nehru. Ram Manohar Lohiya, Deen Dayal Upadhyaya, J.K. Mehta and Amratya Sen.

Book Recommended :

- Gupta, B.L. (1942) : Value and Distribution System in Ancient India, Gian Publishing House, New Delhi.
- Ganguli B.N. (1977) : Indian Economic Thought a 19th Century Perspective, Tata McGraw Hill New Delhi.
- Kautilya (1951) : Arthshastra translated by R. Sharma shastry.
- Kulkarni S.A. (1987) : Ekatma Arthniti Suruchi Prakashan, New Delhi.
- M.G. Bokare : Hindu Economics, Janki Prakashan New Delhi.
- Ramesh Dutt : Economic History of India. Vol. I & II.
- D.R. Gadgil : The Industrial Evolution of India in Recent Times 1860-1030 (1971)
- M.C. Vaish : Aarthik Vicharo Ka itihās
- Gandhi M.K (1974) , India of my dreams, Navjivan Publishing House, Ahmedabad.
- Sen, A.K. (1987), On Ethics and Economics, Oxford, New York.
- Sen, A.K. (1981), Poverty and Famines: an essay on entitlement and deprivation, oxford university press.
- Sen A.K. (1971), Collective Choice and social welfare, North Holland, Amsterdam.

Paper III - INDIAN ECONOMY

Duration : 3 Hours

Max. Marks : 100

Note : In examination each paper will contain three parts A, B and C.

Part A

Marks - 20

All questions are compulsory. The answer of each question should not exceed 20 words. All questions carry equal marks.

Part B

Marks - 20

All questions are compulsory. The answer of each question should not exceed 50 words. All questions carry equal marks.

Part C

Marks - 60

The candidate should attempt 3 questions selecting one question from each unit. The answer should not exceed 400 words. All questions carry equal marks.

Unit I**Pre-British Period**

Indian economy in the Pre-British Period - Structure and organization of villages, towns, industries and handicrafts.

Economic Consequences of the British Rule

General overall impact; Colonial exploitation - forms and consequences; Case for protection of Indian industries; The theory of drains - its pros and cons.

Structure of the Indian Economy

Basic features; Natural resources - Land, water and forest resources; Broad demographic features - Population size and growth rates, sex composition, rural-urban migration, occupational distribution; Problem of over-population; Population policy, Infrastructure development; national Income.

Unit II**Agriculture**

Nature and importance; Trends in agricultural production and productivity; Factors determining productivity; Land Reforms; New agricultural strategy and green revolution; Rural credit, Agricultural marketing Agriculture and WTO. India's Food Policy.

Industry

Industrial development during the planning period; Industrial policy of 1991; Industrial licensing policy - MRTP Act, FERA and FEMA; Growth and problems of small scale industries; Role of public sector enterprises in India's industrialization- recent policy towards public sector. Labour Sector Reforms.

Planning in India

Objectives; Strategy; Broad achievements and failures; Current Five Year Plan - Objectives, allocation and targets; New economic reforms - Liberalization, privatization and globalization; Rationale behind economic reforms; Progress of privatization and globalization. Problems of subsidy in India.

Unit III**External Sector**

Role of foreign trade; Trends in exports and imports; Composition and direction of India's foreign trade; Balance of payments crisis and the New economic reforms - Export promotion measures and the new trade policies. Foreign capital - FDI, aid; Multinational corporations (MNCs) and their impact on Indian Economy. The relevance of SWADESHI.

Important Areas of Concern

Poverty and inequality; Unemployment, Rising prices; Industrial relations.

Economy of Rajasthan

Position of Rajasthan in Indian Economy: Population, Area, Agriculture, Industry and Infrastructure. 2001 Census and its Features. Human Development Index. Problem of poverty and unemployment in Rajasthan. Poverty alleviation programmes of Govt. of Rajasthan.

Trends in Agriculture production and Agriculture productivity. Importance of

livestock and dairy development programme. Major irrigation and power projects. Industrial development during plans. Small scale and cottage industries. Tourism development in Rajasthan. Special area programmes of Govt. of Rajasthan. Constraints of economic development in Rajasthan.

BASIC READING LIST

- Datt, R. and K.P.M. Sundharam (2001), Indian Economy. S. Chand & Company Ltd., New Delhi.
- Kedia, Kusum & Sinha, Root of Under development- a peep into Indian Colonial Post. Tara Printing works, Varanasi.
- Dhingra, I.C. (2001), The Indian Economy : Environment and Policy. Sultan Chand & Sons, New Delhi.
- Dutt, R.C. (1950), The Economic History of India Under Early British Rule. Low Price Publications, Delhi.
- Kumar, D. (Ed.) (1982), The Cambridge Economic History of India. Volume II, 1757- 1970, Orient Longman Ltd, Hyderabad.
- Misra, S.K. and V.K. Puri (2001), Indian Economy - Its Development Experience, Himalaya Publishing House, Mumbai.
- Directorate of Economics and Statistics, Government of Rajasthan, State Income of Rajasthan.
- Government of Rajasthan : Five Year Plan Documents.
- Government of Rajasthan : Budget Studies.
- Government of Rajasthan : Statistical Abstract of Rajasthan.
- Government of Rajasthan : Report of Desert development Commission.

ADDITIONAL READING LIST

- Gadgil, D.R. (1971), The Industrial Evolution in India in Recent Times, 1860-1939, Oxford University Press, Bombay.
- Government of India, Economic Survey (Annual), Economic Division, Ministry of Finance, New Delhi.
- Naoroji, D. (1962), Poverty and Un-British Rule in India, Low Price Publications, Delhi.
- Planning Commission (1999), Ninth Five Year Plan, Government of India, New Delhi.
- Singh, V.B. (Ed.) (1965), Economic History of India, 1857-1956, Allied Publishers Private Limited, Bombay.
- Ahluwalia, I.J. and I.M.D. Little (Eds.) (1999), India's Economic Reforms and Development (Essays in honour of Manmohan Singh), Oxford University Press, New Delhi.
- Jalan, B. (1992), The Indian Economy : Problems and Prospects, Viking, New Delhi.
- Jalan, B. (1996), India's Economic Policy - Preparing for the Twenty-first Century, Viking, New Delhi.
- Parikh, K.S. (1999), India Development Report - 1999-2000, Oxford University Press, New Delhi.
- Datt, R. (Ed.) (2001), Second Generation Economic Reforms in India, Deep & Deep Publications, New Delhi.

Paper-IV
QUANTITATIVE TECHNIQUES

Duration : 3 Hours

Max. Marks : 100

Note : In examination each paper will contain three parts A, B and C.

Part A

Marks - 20

All questions are compulsory. The answer of each question should not exceed 20 words. All questions carry equal marks.

Part B

Marks - 20

All questions are compulsory. The answer of each question should not exceed 50 words. All questions carry equal marks.

Part C

Marks - 60

The candidate should attempt 3 questions selecting one question from each unit. The answer should not exceed 400 words. All questions carry equal marks.

Unit I**Basic Concepts**

Variables, Sets, Functions, Equations, Identities, Systems of equations. Application of straight-line system, Slope of the line, Homogeneous function.

Calculus

Differentiation of a Function; Maxima and Minima, Elasticities; Equilibrium of a firm and consumer; Inter-relationships among total, marginal and average cost and revenues; Constrained optimisation problem; Integration of a function, consumer's and producer's surplus.

Matrix and Determinants

Various types of matrices, Determinants, Inverse of a matrix, Cramer's rule, Input-output analysis; Simple static model, Linkages, Concept of linear programming - Graphical Method.

Introduction to Statistics

Basic concepts; Population, Sample, Parameter, Frequency Distribution, Cumulative frequency; Graphic and diagrammatic representation of data, Techniques of data collection; Sampling vs. Population, primary and secondary data.

Unit II**Central Tendency and Dispersion**

Measures of central tendency; Mean, Median, Mode, Geometric mean and Harmonic mean. Measures of dispersion, Range, Mean Deviation, Standard deviation, Coefficient of variation, Quartile deviation, Skewness and Kurtosis. Concept of rate of growth.

Correlation and Regression

Correlation: Simple. Coefficient of Correlation - Karl Pearson and Rank Correlation, Partial and Multiple correlation Analysis, Regression analysis - Estimation of regression line in a bivariate distribution - Least squares method, interpretation of regression coefficients. Interpolation (Newton's and Binomial Method)

Unit III**Time Series and Index Numbers**

Time series analysis - Concept and components - Determination of regular, trend and seasonal indices; Index numbers - Concept, price relative, quantity relative, value relative; Laspeyres's, Paasche's and Fisher, Family budget method; Problems in the construction and limitations of index numbers, Tests for ideal index number. Association of Attributes and chi-square test.

Probability and Distribution

Probability : Concept, Rules of Probability (Addition and Multiplication); Random variables, Mathematical expectations, Theoretical distribution - Binomial, Poisson and Normal : their properties and uses.

Indian Statistics

Current population census 2001, Statistical system in India. Agriculture, Industrial and Trade Statistics in India.

BASIC READING LIST

- Allen, R.G.C (1974). Mathematical Analysis for Economists, Macmillan Press, London.
- Black, J. and J.F. Bradley (1973), Essential Mathematics for Economists, John Wiley and Sons.
- Chiang, A.C. (1986). Fundamental Methods of Mathematical Economics (3rd Edition), McGraw Hill, New Delhi.
- Croxton, F.E., D.J. Cowden and S. Klein (1973), Applied General Statistics, Prentice Hall, New Delhi.
- Gupta, S.C. and V.K. Kapoor (1993). Fundamentals of Applied Statistics, S. Chand and Sons, New Delhi.
- Speigal, M.R. (1992). Theory and Problems of Statistics, McGraw Hill Book, London.

B.A.(Hons.) Geography Part I Examination

Paper	Duration	Max. Marks	Mini. Marks
I	3 hrs.	80	128 (40%)
II	3 hrs	80	
III	3 hrs	80	
IV	3 hrs	80	
Practical		80	32 (40%)

(For each batch of 20 students)

Total = 320+80 = 400, 128+32 = 160

Student will have to pass separately in theory and practical. A weekly seminar is to be arranged for all Hons. classes.

PAPER - I: PHYSICAL BASIS OF GEOGRAPHY

3 hrs. duration

Max. Marks : 80

Note:-

1. Each theory paper is divided into three independent units. The question

paper is divided into three parts, Part - A, Part - B and Part - C

- Part-A- (15 marks) is compulsory and contains 10 questions (20 words), at least three questions from each unit, each question of 1.5 marks.
- Part-B- (20 marks) is compulsory and contains five questions, at least one from each unit. Candidate is required to attempt all five questions. Each question is of 4 marks (50 words).
- Part-C - (45 Marks) contains six questions, two from each unit. Candidate

is required to attempt three questions one from each unit. Each question is of 15 marks (400 words).

Course Contents:

Unit - I

Universe: Galaxies and Solar System; Origin of the earth – Kant, Chamberlin and James Jeans; Shape and size of the Earth; Motions of the Earth and its Satellite; Physical and chemical state of the interior of the earth; Structure and Zones of the interior of the earth and Geological time scale.

Unit - II

Wegener's theory of continental drift; Theories of mountain building - Joly, Kober and Holmes; Plate tectonics; Isostasy; Earth movements; Diastrophic forces - Faults and folds; Sudden endogenetic forces; Earthquakes and Volcano. Rocks: Their types and characteristics; Weathering and soil formation; Concept of Cycle of Erosion - Davis and Penck; Landforms associated with Fluvial, Karst, Glacier, Aeolian and Coastal landscapes.

Unit - III

Composition and layers of atmosphere; Insolation and heat budget of the Earth; Temperature and Pressure; Atmospheric circulations - Planetary and local winds; Monsoon and Jet stream; Air masses and fronts; Temperate and tropical cyclones; Types and distribution of Precipitation; Koppen's and Thornthwaite's classification of world climate; Hydrological cycles; Relief features of Atlantic, Indian and Pacific Oceans; Distribution of temperature and salinity in oceans; Ocean currents and tides; Marine deposits; Coral reefs and Atolls - Types and their origin according to Darwin, Murray and Daly; Marine resources - biotic, mineral and energy resources and their utilization.

Suggested Books:

- Strahler, A.H. : Elements of Physical Geography.
- Wooldridge, S. W.: The Physical Basis of Geography, Logman's Green & Co. London 1959.
- Mathur, I.R. : Climatology, Mc. Graw Hill, New York.
- Banerjee, H.C. & D.S. : Mosam Vigyan, Rajasthan Hindi Granth Academy,

Jaipur

- Gerald, S. : **General Oceanography- An Introduction**, John Willey & Sons, New York.
- Finch & Trewartha: **Elements of Physical Geography**.
- Negi : **Physical Geography**.
- Sharma, R.C. : **Oceanography for Geographers**, Chaitanya Publishers, Allahabad.
- सविन्द्र सिंह : भौतिक भूगोल - वसुधारा प्रकाशन, गोरखपुर (उ.प्र.)।
- भावना माथुर : भौतिक भूगोल - कल्याणी प्रकाशन।
- वी.एस. चौहान एवं अलका गीतम : भौतिक भूगोल - रस्तोगी प्रकाशन, मेरठ।
- डॉ. एल.एन. उपाध्याय : भौतिक भूगोल - राज. हिन्दी ग्रन्थ अकादमी, जयपुर।
- डॉ.एच.एस.शर्मा, डॉ. एम.एल.शर्मा व अन्य : भौतिक भूगोल - पंजशील प्रकाशन, जयपुर।
- डॉ. आर.के. गूर्जर एवं डॉ. वी.सी.जाट : भौतिक भूगोल, पंजशील प्रकाशन, जयपुर।

PAPER - II : MAN AND ENVIRONMENT

3 hrs. duration

Max. Marks 80

Note:-

- Each theory paper is divided into three independent units. The question paper is divided into three parts, Part - A, Part - B and Part - C
- Part-A- (15 marks) is compulsory and contains 10 questions (20 words), at least three questions from each unit, each question of 1.5 marks.
- Part-B- (20 marks) is compulsory and contains five questions, at least one from each unit. Candidate is required to attempt all five questions. Each question is of 4 marks (50 words).
- Part-C - (45 Marks) contains six questions, two from each unit. Candidate is required to attempt three questions one from each unit. Each question is of 15 marks (400 words).

Course Contents :

Unit - I

Nature and scope; Concept of man-environment relationship - determinism, possibilism and their latest forms.

Elements and facts of Human Geography as described by Brunhes, Huntington, Finch & Trewartha.

Elements of Environment - Physical, Economic, Social and Cultural.

Unit - II

Habitat economy and society with special reference to Eskimos, Bushman, Pigmy, Naga, Gond and Bhils. Human ecology and adaptations, Transformation of nature by men.

Environmental impact on human settlement types, format, building material, ecological study of human settlements, Global ecological imbalance - problems of population, resources and ecological crisis, Reduction in bio-diversity and depletion in forests. Tourism and recreational environment and heritage conservation.

Unit - III

Human influences on the Eco-System, inter-relation between population, natural resources, environment and development - Degradation of environment due to deforestation, soil erosion, over grazing, mining and other technological developments. Global warming and its effects on climate.

Pollution - Air, water and noise, soil, solid waste and radioactive - causes, impact and measures of control.

Suggestions for the improvement of environmental quality, disaster management - types (natural & man made), concepts, components and people's respond.

Perception and awareness towards environment in India. Geographer's view point, emerging physical issues and problems in India.

Suggested Books:

1. Chorley R. : Water, Earth & Man, Methuen.
2. Marsh, P. : Man and nature, Harvard University Press.
3. Davis, L.A. : The Earth and Man - A Human Geography, McMillan.
4. Goudie, A. : Environmental Change, Clarendon Press, Oxford.
5. तेली, बी.एल. एवं नाटाणी : पर्यावरण अध्ययन, कालेज बुक डिपो, जयपुर।
6. शर्मा, बी.एल. : पारिस्थितिकी एवं विकास, साहित्य भवन, अगरा।
7. नेगी, बी.एस. : पारिस्थितिकी एवं पर्यावरण भूगोल, रस्तोगी प्रकाशन, मेरठ।
8. राव एवं श्रीवास्तव : पारिस्थितिक विज्ञान, वसुन्धरा प्रकाशन, गोरखपुर।
9. सक्सेना, उपाध्याय एवं भल्ला : मानव एवं पर्यावरण, के.डी. प्रकाशन, अजमेर।
10. भावना माथुर : मानव और पर्यावरण, राजस्थान हिन्दी ग्रंथ अकादमी, जयपुर।
11. श्रीवास्तव, वी.के. : मानव भूगोल, वसुन्धरा प्रकाशन, गोरखपुर।
12. बाकरे, बाकरे एवं वाधवा : पर्यावरण अध्ययन, रस्तोगी प्रकाशन, मेरठ।

PAPER - III : GEOGRAPHY OF RAJASTHAN

3 hrs. duration

Max. Marks 80

Note:-

1. Each theory paper is divided into three independent units. The question paper is divided into three parts. Part - A, Part - B and Part - C
2. Part-A- (15 marks) is compulsory and contains 10 questions (20 words), at least three questions from each unit, each question of 1.5 marks.
3. Part-B- (20 marks) is compulsory and contains five questions, at least one from each unit. Candidate is required to attempt all five questions. Each question is of 4 marks (50 words).
4. Part-C - (45 Marks) contains six questions, two from each unit. Candidate is required to attempt three questions one from each unit. Each question is of 15 marks (400 words).

Course Contents :

Unit - I

Rajasthan : Location; Physiographic Regions; Geological structure; Climate and Climatic regions; Drainage system and lakes; Soil types and regions,

erosion and conservation; Vegetation - types and distribution.

Land utilization in Rajasthan: Agriculture - types and characteristics, production and distribution of food and commercial crops; Crop-ping pattern and Agro-climatic zones; Importance and sources of Irrigation; Major irrigation projects - Chambal, Mahi and Indira Gandhi Canal Project (I.G.C.P.); Live Stock products and Dairy development programmes; Biodiversity and Wildlife; Waste-land and desert development programmes.

Unit - II

Distribution and production of minerals - Metallic and Non-metallic; Power Resources - Coal, Petroleum and Natural Gas; Power Resources as electric-ity - Hydro-based and non-conventional; Industrial Development : Classification of Industries; Development, distribution, production and locational analysis of cotton textile, cement and stone industries; Cultural heritage and Tourism industry.

Population : Distribution and density; Population structure - age and sex ratio, urban and rural, literacy and occupational population; Population growth since independence, causes problems and solutions. Social and Cultural status of major tribes - Bhil, Garassia, Meena, Saharia;

Unit - III

Means of transportation - roads, railway network and airways.

Detailed study of Marusthal, Aravalli, Hadoti and Eastern Plain regions with following heads: Physical environment, social and cultural environment and economic development.

Concept of Human Development - Major indicators, H.D.I. (Human Development Index) of Rajasthan in reference to other states of India.

Status of Women in Rajasthan - changing aspects of demographic, social, economic, health and nutrition.

Suggested Books :

1. चौहान वी.एस., राजस्थान का भूगोल, विज्ञान प्रकाशन, जोधपुर।
2. भल्ला एल.आर., राजस्थान का भूगोल, कुलदीप प्रकाशन, अजमेर।
3. एच.एम.सक्सेना, राजस्थान का भूगोल, राजस्थान हिन्दी ग्रंथ अकादमी, जयपुर।
4. दिनेश चन्द शर्मा व पुष्पा शर्मा, राजस्थान आज तक।
5. एच.एस. शर्मा, राजस्थान का भूगोल, पंचशील प्रकाशन, जयपुर।
6. Mishra, V.C. : Geography of Rajasthan, N.B.T. Delhi.
7. Sharma, H.S. & Sharma, M.L. : Geographical Facts of Rajasthan

PAPER-IV: GEOGRAPHY OF RESOURCES

3 hrs. duration

Max. Marks 80

Note:-

1. Each theory paper is divided into three independent units. The question paper is divided into three parts, Part - A, Part - B and Part - C
2. Part-A- (15 marks) is compulsory and contains 10 questions (20 words), at least three questions from each unit, each question of 1.5 marks.

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3. Part-B- (20 marks) is compulsory and contains five questions, at least one from each unit. Candidate is required to attempt all five questions. Each question is of 4 marks (50 words).
Part-C - (45 Marks) contains six questions, two from each unit. Candidate is required to attempt three questions one from each unit. Each question is of 15 marks (400 words).
Course Contents :

Unit - I

Resource Geography - Definitions, scope and subject matter, Principles of resource scarcity, classification of resources, Natural resources - Biotic, Soils and water resources, their distribution, utility and conservation; Mineral Resources - Metallic and non-metallic; Power resources - Coal, Petroleum, Hydro-electricity, Atomic & Solar Energy.

Unit - II

Human Resources - growth, distribution and density of population; Population - resources relationship; Migration of Human Resources; Human Resource Development; Agriculture - Food crops, beverages and industrial crops; livestock and their products, fisheries and other marine resources.

Unit - III

Problem of resource utility, planning and management; sustainable development and use of resources; resource utilization and their conservation, world perspective of resources and Indian view point. Resource regions the world and India.

Suggested Books

1. कौशिक एवं गौतम : संसाधन भूगोल, रस्तोगी एण्ड कम्पनी, मेरठ।
2. मेहन्दीरजा एवं सिंह : संसाधन भूगोल
3. Hartshorn, T.A. & Alexander, J.W : Economic Geography, Prentice Hall of India (E.E.E.) New Delhi.
4. Guha & Chatterji : A New Approach to Economic Geography.
5. Robinson, H. : Economic Geography, Activity, Mc. Graw Hill.
6. Zimmerman, W.E. : World Resources and Industries, Harper & Row.

GEOGRAPHY (HONS) PRACTICAL

Scheme:

Duration : 8 hrs. Min. Pass Marks 32 Max. Marks : 80

Distribution of Marks for the purpose of Examination

1. Written paper (Lab work) (4 hours)		
(5 Prob. out of 6)		30 Marks
2. Record work and viva-voce (15+5) (1 hour)		20 Marks
3. Field Survey and Viva-voce (10+5)	(2 hour)	15 Marks
4. Camp report and viva-voce (10+5)	(1 hour)	15 Marks
	Total	80 Marks

Note: Minimum 30 sheets must be prepared by students and checked & signed by teacher with date, otherwise students will be responsible. Students must

write his/her name on every sheet. The teacher should give fresh exercise every year, so that the students may not undertake tracing of old exercise.

Course Contents :

1. The nature and scope of cartography, Scales - Plain, diagonal and comparative - different units, Time Scale and Revolution Scale.
2. Enlargement, reduction and combination of maps - Square, Similar Triangle and Pantograph. Measurement of distance and computation of Area on maps.
3. Methods of representation of relief - Hachures, Hill Shading, Layer tint, Contours etc. Relief features, types of slopes, valleys, waterfall, Gorge, meanders, plateau, conical hill, Ridge, Saddle & Pass to be drawn, with the help of contours shown in topographical sheets of different physiographic regions, profile drawing.
4. Study of Topographical sheets - Scheme of Indian topo-sheets. Interpretation of a hilly and a plain area of India in respect of relief, drainage, Human settlement, Transport & Communication Pattern.
5. Climatic maps and diagrams - Isoleth Maps (Isobar, Isotherms and Isohyts maps), Simple and Compound Wind rose, climograph, hythergraph and climatograph. Study & interpretation of weather maps of January & July months.
6. Prismatic Compass Survey - Importance, Appliances, Methods : Radiation, Intersection, Traverse (closed and open traverse), correction of bearings and removal of closing error - Bowditch, graphical and mathematical method, Calculation of WCB, R.B. and calculation of included angles(CIA).
7. Six days socio-economic survey Camp of any village/town within Rajasthan state. Report should be prepared by each student separately.

Books Recommended

1. Singh R.L. : Elements of Practical Geography, Kalyani Publishers, New Delhi.
2. Monk House, F.J. and Wilkinson, H.R. : Map and Diagrams, Methuen, London 1994.
3. Robinson, A.H. : Elements of Cartography, John Wiley & Sons, New York.
4. Mishra, R.P. : Fundamental of Cartography, Macmillan, New Delhi.
5. Kellaway, Georgep : Map Projections, Methuen & Co., London.
6. Steers, J.K. : Map Projections, University of London Press, London.
7. जे.पी.शर्मा : प्रायोगिक भूगोल, रस्तोगी प्रकाशन, मेरठ।
8. एस.एम.जैन, : प्रायोगिक भूगोल, साहित्य भवन, आगरा।

HISTORY

Note : Each theory paper will be divided into three parts :-

Part A

Marks – 20

Note : Part A will contain 10 question in all. candidate are required to attempt all question in 20 words each. All questions carry equal marks.

Part B

Marks – 20

Part B will contain 05 question having one internal choice. Candidate are required to attempt five questions 50 words each. All questions carry equal marks.

Part C

Marks – 60

Part C will contain 05 questions in all. Candidate are required to attempt 03 questions in 400 words each. All questions carry equal marks.

PAPER- I: EVOLUTION OF INDIAN CULTURE

Time : 3 hrs.

Max. Marks: 100

Section : A

Indus religion, Vedic religion, Upanishadic Philosophy and Teachings of Geeta, Epics and their Cultural significance, Jainism, Buddhism, Pauranic religion.

Section : B

Salient Features of Mauryan and Gupta Art, Development of Science during Gupta period, origin and development of Bhakti Movement, Sufism, Islam and its impact, cultural synthesis during Medieval Period, Development of Art, Architecture during Medieval Period.

Section : C

Nature and contents of Indian Renaissance, Ideas of Raja Ram Mohan Roy, Swami Dayanand Saraswati, Vivekanand, Literary and cultural contribution of Kalidas, Tulsidas, Tagore, Premchand, challenge of Western ideas-Tradition and Modernity.

Suggested Reading:

1. B.N. Luniya : Bhartiya Sanskriti Ka Vikas
2. Satyaketu Vidhyalankar : Bhartiya Sanskriti Ka Vikas
3. Ramdhari Singh Dinker : Sanskriti Ke Char Adhyaya
4. K. D. Vajpai : Bhartiya Kala

PAPER II : HISTORY OF INDIA UP TO A.D. 650

Time : 3 hrs.

Max. Marks: 100

Note : Each theory paper will be divided into three parts :-

Part A

Marks – 20

Note : Part A will contain 10 question in all. candidate are required to attempt all question in 20 words each. All questions carry equal marks.

Part B

Marks – 20

Part B will contain 05 question having one internal choice. Candidate are required to attempt five questions 50 words each. All questions carry equal marks.

Part C

Marks – 60

Part C will contain 05 questions in all. Candidate are required to attempt 03 questions in 400 words each. All questions carry equal marks.

Section : A

Geographical background

Physiography: major routes of communication; environment; people and languages.

Survey of sources and approaches to ancient Indian history

Sources: literature; archaeology; epigraphy numismatics.

Pre-history

a. Paleolithic cultures - sequence and geographical distribution; topographic and climatic changes; evolution and uses of stone industries and other technological developments.

b. Mesolithic cultures - regional and chronological distribution; new developments in technology and economy; rock art.

c. Food production-concept of the Neolithic. Understanding the complexities of its beginnings

Proto-history

a. Growth of Chalcolithic village society from Baluchistan to Gujarat.

b. The Harappan civilization-origin, distribution, morphology of major sites (Mohenjodaro, Harappa, Kalibnagan, Lothal, Dholavira), Agrarian base, craft production and trade, religious beliefs and practices, art and architecture, and script. The problem of urban decline and the late Harappan cultures.

c. Neolithic/Chalcolithic cultures in non/Harappan India.

Section : B

Background to the emergence of early historic India:

a. Society, economy, polity and religion as reflected in Vedic literature

b. Iron Age cultures with special reference to Painted Grey Ware and Northern Black Polished Ware cultures, Megaliths.

c. Material and ideological background

d. Jainism, Buddhism, Ajivikas and other systems.

e. Expansion of settlements and urbanization.

f. Social structure.

Janapadas and Mahajanapadas:

a. Early monarchical states and gana-sanghas.

b. Craft production, trade and coinage.

The Mauryan Empire

Empire - its nature and bases; political and cultural relations with special reference to Sri Lanka and West Asia; Ashoka's dhamma - its nature and

propagation; society and economy; art and architecture.

Section : C

Post-Mauryan development (c. 200 B.C. - c. 300 A.D.):

a. Invasion and their impact: Bactrian Greeks; Scythians; Kushanas.

- b. Polity, Economy, Society, Religion; and Culture.
- Polity: Post Mauryan polities with special reference to the Kushanas and Satavahanas; Tamil Chieftaincies - Chera, Chola, Pandya.
 - Economy: land grants and agricultural expansion; urban growth; craft production; trade and trade routes; coinage and currency; Indo-Roman trade.
 - Society: peasantization of tribes; assimilation of incoming people.
 - Religion: spread of Jainism and Buddhism; emergence of Mahayana Buddhism; Vaisnava and Saiva forms of worship; beginning of Tantric practices.
 - Culture: art and architecture; sculpture; literature; scientific and technical treatises.
 - Sangam Age: society, language and literature, Megaliths, Tamilagam.

Age of the Guptas

- State and administrative institutions.
- Social and economic changes with special reference to urban patterns: agrarian structure; land grants; coinage and currency system; trade.
- Cultural developments; art; architecture; sculpture; painting, literature; religion; Sanskrit theatre.
- Cultural contacts with Central Asia.
- Maukharis, Vakatakas, Chalukyas and later Guptas.

Post-Gupta period

- Harshavardhana: political system and administrative institutions.
- Peninsular India: Chalukyas, Pallavas; polity, society and economy, Cultural developments with special reference to art and religion.

Suggested Readings:

- R.C. Majumdar : History & Culture of Indian People Vol. I
- S.K. Maaty : Economic Life in North India in the Gupta Period 300 to 550 A.D.
- R.S. Sharma : Aspect & Political idea of institutions in Ancient India
- Romila Thapper : Ashoka & Decline of Maurya's
- Romila Thapper : Perspective of early India History

**PAPER - III: CULTURAL HISTORY OF SOUTH INDIA
(UPTO THE END OF CHOLAS)**

Time : 3 hrs.

Max. Marks: 100

Note : Each theory paper will be divided into three parts :-

Part A

Marks – 20

Note : Part A will contain 10 question in all. candidate are required to attempt all question in 20 words each. All questions carry equal marks.

Part B

Marks – 20

Part B will contain 05 question having one internal choice. Candidate are required to attempt five questions 50 words each. All questions carry equal marks.

Part C

Marks – 60

Part C will contain 05 questions in all. Candidate are required to attempt 03 questions in 400 words each. All questions carry equal marks.

Section A**Sources of South Indian History**

Archaeological and Literary Sources, Geographical and Pre-historic background of South India. The Satavahanas, the Chedis and Tamil Kingdoms - Chera, Chola, Pandya Society, growth of Trade and Commerce, development of Art and Architecture.

The Sangam Age - Social and Cultural development.

Section B

Development of Art and Architecture under the Chalukyas, the Pallavas and the Cholas -

- Development of Temple Architecture
 - Development of Sculpture
 - Development of Painting with special reference to Ajanta and Ellora.
- Economy - Agriculture, land grants, Trade and Commerce, Trade routes, Hois, Urban growth and centres, Medium of Exchange and currency.

Section C

Development of Education and Educational institutions in south India.

Development of Language and Literature - Sanskrit, Tamil, Kannad and Telugu.

Religion and Philosophy:

- Alvars and Nayanars
- Spread of Vedic religion Jainism and Buddhism
- Pavranic religion - Vaishnavism and shavinism
- Kumaril Bhatt and Prabhakar
- Vedanta Philosophers Shankar and Ramanuj

Relations of South India with South East Asia and Sri Lanka and expansion of Indian culture there.

Suggested Books:

- Nilkanth Shastri : History of South India
- N. Karashima : South Indian History & Society
- Keshavan Veluhht : The Political Structure of early Medieval South India

PAPER - IV: WORLD HISTORY

Time : 3 hrs

Max. Marks: 100

Note : Each theory paper will be divided into three parts :-

Part A

Marks – 20

Note : Part A will contain 10 question in all. candidate are required to attempt all question in 20 words each. All questions carry equal marks.

Part B

Marks – 20

Part B will contain 05 question having one internal choice. Candidate are required

to attempt five questions 50 words each. All questions carry equal marks.

Part C **Marks – 60**

Part C will contain 05 questions in all. Candidate are required to attempt 03 questions in 400 words each. All questions carry equal marks.

Section A

Salient Features of Palaeolithic, Mesolithic and Neolithic cultures. Study of ancient civilizations - Egypt, Mesopotamia and China with special reference to State, Society, Religion, Art and Architecture, development of Science and Technology.

Section B

Civilization of Greece - Growth of State and society, Development of Religion, Philosophy, literature, Science, Art and Architecture, Civilization of Rome - Political ideas and institutions, The Rise of Imperialism, Roman law and its contribution, Roman Society, Development of literature, Science, Art and Architecture. Rise of christianity and role of church.

Section C

Decline of Roman Empire and Emergence of Western Europe, Transition from Ancient Society to Medieval Society, Growth of Feudalism, Trade, Trade-routes and commerce, urbanization. Islamic World - Rise of Islam, Evolution of Islamic State under Ummayyids and Abbasides. The Arab civilization and its contribution, Crusades and their impact on Europe.

Suggested Books:

1. J.H. Puri : Age of Reinsance
2. C.J.F. Haynes : A Political and Cultural History of Modern Europe in two Volumes.
3. Burns Macnell : Western Civilization
4. रितंभरी देवी : विश्व का इतिहास, बिहार हिन्दी ग्रन्थ अकादमी
5. जैन एवं माथुर : विश्व इतिहास (1500-1950), जैन प्रकाशन मन्दिर, जयपुर

