

पं. रविशंकर शुक्ल विश्वविद्यालय  
रायपुर (छत्तीसगढ़)



पाठ्यक्रम

बी.ए.-1 (कोड-101) B. A.-1 (Code-101)

बी.ए. क्लासिक्स-1 (कोड-061) B.A. CLASSICS-1 (Code-061)

परीक्षा : 2016-17

कुलसचिव पं. रविशंकर शुक्ल विश्वविद्यालय  
रायपुर (छत्तीसगढ़) की ओर से

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**REVISED ORDINANCE NO.11**

(As per State U.G.C. Scheme)

**BACHELOR OF ARTS**

1. The three year course have been broken up in to three Parts.  
Part-I Examination : at the end of the first year.  
Part-II Examination : at the end of the second year and  
Part-III Examination : at the end of the third year.
2. A candidate who after passing (10+2) or intermediate examination of C.G. Board of Secondary Education, C.G. or any other examination recognised by the University or C.G. Board of Secondary Education as equivalent thereto, has attended a regular course of study in an affiliated college or in the Teaching Department of the University for one academic year shall be eligible for appearing at the B.A. Part-I examination.
3. A candidate who after passing B.A. Part-I examination of the University or any other examination recognised by the University as equivalent thereto has attended a regular course of study for one academic year in an affiliated college or in the Teaching Department of the University shall be eligible for appearing at the B.A. Part II Examination.
4. A candidate who after passing B.A. Part II examination of the University has completed a regular course of study for one academic year in an affiliated college or in the Teaching Department of the University shall be eligible for appearing at the B.A. Part-III examination.
5. Besides regular students, subject to their compliance with this ordinance, ex-students and non-collegiate candidates shall be eligible for admission to the examination as per provisions of Ordinance N. 6 relating to Examinations (General). Provided that non-collegiate candidates shall be permitted to offer only such subjects/papers as are taught to the regular students at any of the University Teaching Department or College.
6. Every candidate for the Bachelor of arts examination shall be examined in :
  - A. Foundation Course :
    - i. Group A - Hindi Language
    - ii. Group B - English Language
  - B. Three course subjects : One subject from any three group out of the followings six groups :
    1. Sociology / Ancient Indian History / Anthropology
    2. Political Science/Home Science / Drawing & Painting / Vocational Course.
    3. Hindi Literature/ Sanskrit Literature/Urdu Literature/ Mathematics.
    4. Economics/Music/ Defence Studies/ Linguistics / नृत्य.

5. Philosophy/Psychology/ Geography/ Education/ Management.
  6. History/English Literature/ Statistics.
  7. Practicals (If Necessary) for each core subject.
7. Any candidate who has passed the B.A. examination of the University shall be allowed to present himself for examination in any of additional subjects prescribed for the B.A. examination and not taken by him at the degree examination. Such candidate will have to first appear and pass the B.A. Part I examination in the subject which he proposes to offer and then the B.A. Part II and Part III examination in the same subject. Successful candidate will be given a certificate to that effect.
  8. In order to pass at any part of the three year degree course examination, an examinee must obtain not less than 33% of the total marks in each subject/group of subjects. In subject/group of subjects, where both theory and practical examination are provided, an examinee must pass in both theory and practical parts of the examination separately.
  9. Candidate will have to pass separately at the Part-I, Part II and part-III examination. No division shall be assigned on the result of the Part-I and Part-II examination. In determining the division of the Final examination, total marks obtained by the examinees, in their Part-I, Part-II and Part-III examination in the aggregate shall be taken into account. Candidate will not be allowed to change subjects after passing Part I Examination.  
  
Provided in case of candidate who has passed the examination through the supplementary examination having failed in one subject only the total aggregate marks being carried over for determining the division shall include the actual marks obtained in the subject in which he appeared at the supplementary examination.
  10. Successful examinees at the Part-III examination obtaining 60% or more marks shall be placed in the First division, those obtaining less than 60% but not less than 45% marks in the Second division and other successful examinees in the third division.

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**SCHEME OF EXAMINATION**

Subject		Paper	Max. Marks	Min. Marks
	॥ Environmental Studies		75	33
	Field Work		25	
A.	Foundation Course			
	॥ Hindi Language - I		75	26
	॥ English Language - II		75	26
B.	Three Core Subject :			
1.	Hindi Literature	I	75	50
		I	75	
2.	Sanskrit Literature	I	75	50
		I	75	
3.	English Literature	I	75	50
		I	75	
4.	Philosophy	I	75	50
		I	75	
5.	Economics	I	75	50
		I	75	
6.	Political Science	I	75	50
		I	75	
7.	History	I	75	50
		I	75	
8.	Ancient Indian History	I	75	50
	Culture & Archaeology	I	75	
9.	Sociology	I	75	50
		I	75	
10.	Geography	I	50	33
		I	50	
		Practical	50	17
11.	Mathematics	I	50	50
		I	50	
		III	50	
12.	Statistics	I	50	33
		I	50	
		Practical	50	

	Subject	Paper	Max. Marks	Min. Marks
13.	Anthropology	I	50	
		I	50	33
		Practical	50	17
14.	Linguistics	I	75	
		I	75	50
15.	Music	I	50	
		I	50	33
		Practical	50	17
16.	Home Science	I	50	
		I	50	33
		Practical	50	17
17.	Education	I	75	
		I	75	50
18.	Psychology	I	50	
		I	50	33
		Practical	50	17
19.	Management	I	75	
		I	75	50
20.	Defence Studies	I	50	
		I	50	33
		Practical	50	17
21.	Urdu	I	75	
		I	75	50
22.	Dance	I	50	
		I	50	33
		Practical	50	17

### USE OF CALCULATORS

The Students of Degree/P.G. Classes will be permitted to use of Calculators in the examination hall from annual 1986 examination on the following conditions as per decision of the standing committee of the Academic Council at its meeting held on 31-1-1986-

1. Student will bring their own Calculators.
2. Calculators will not be provided either by the university or examination centres.
3. Calculators with, memory and following variables be permitted +, -, x, , square, reciprocal, expotentials log, square root, trigonometric functions, wize, sine, cosine, tangent etc. factiorial summation, xy, yx and in the light of objective approval of merits and denerits of the viva only will be allowed.

Part - I

**SYLLABUS FOR ENVIRONMENTAL STUDIES AND HUMAN RIGHTS**

(Paper code-0828)

MM. 75

इन्वारमेंटल साईंसेस के पाठ्यक्रम को स्नातक स्तर भाग-एक की कक्षाओं में विश्वविद्यालय अनुदान आयोग के निर्देशानुसार अनिवार्य रूप से शिक्षा सत्र 2003-2004 (परीक्षा 2004) से प्रभावशील किया गया है। स्वशासी महाविद्यालयों द्वारा भी अनिवार्य रूप से अंगीकृत किया जाएगा।

भाग 1, 2 एवं 3 में से किसी भी वर्ष में पर्यावरण प्रश्न-पत्र उत्तीर्ण करना अनिवार्य है। तभी उपाधि प्रदाय योग्य होगी।

पाठ्यक्रम 100 अंकों का होगा, जिसमें से 75 अंक सैद्धांतिक प्रश्नों पर होंगे एवं 25 अंक क्षेत्रीय कार्य (Field Work) पर्यावरण पर होंगे।

सैद्धांतिक प्रश्नों पर अंक - 75 (सभी प्रश्न इकाई आधार पर रहेंगे जिसमें विकल्प रहेगा)

(अ) लघु प्रश्नोंत्तर - 25 अंक

(ब) निबंधात्मक - 50 अंक

Field Work - 25 अंकों का मूल्यांकन आंतरिक मूल्यांकन पद्धति से कर विश्वविद्यालय को प्रेषित किया जावेगा। अभिलेखों की प्रायोगिक उत्तर पुस्तिकाओं के समान संबंधित महाविद्यालयों द्वारा सुरक्षित रखेंगे।

उपरोक्त पाठ्यक्रम से संबंधित परीक्षा का आयोजन वार्षिक परीक्षा के साथ किया जाएगा।

पर्यावरण विज्ञान विषय अनिवार्य विषय है, जिसमें अनुत्तीर्ण होने पर स्नातक स्तर भाग-एक के छात्र/छात्राओं को एक अन्य विषय के साथ पूरक की पात्रता होगी। पर्यावरण विज्ञान के

सैद्धांतिक एवं फील्ड वर्क के संयुक्त रूप से 33% (तैंतीस प्रतिशत) अंक उत्तीर्ण होने के लिए अनिवार्य होंगे।

स्नातक स्तर भाग-एक के समस्त नियमित/भूतपूर्व/अमहाविद्यालयीन छात्र/छात्राओं को अपना फील्ड वर्क सैद्धांतिक परीक्षा की समाप्ति के पश्चात् 10 (दस) दिनों के भीतर संबंधित महाविद्यालय/परीक्षा केन्द्र में जमा करेंगे एवं महाविद्यालय के प्राचार्य/केन्द्र अधीक्षक, परीक्षकों की नियुक्ति के लिए अधिकृत रहेंगे तथा फील्ड वर्क जमा होने के सात दिनों के भीतर प्राप्त अंक विश्वविद्यालय को भेजेंगे।

## **UNIT-I THE MULTI DISCIPLINARY NATURE OF ENVIRONMENTAL STUDIES**

### **Definition, Scope and Importance**

#### **Natural Resources:**

#### **Renewable and Nonrenewable Resources**

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

**(12 Lecture)**

## **UNIT-II ECOSYSTEM**

### **(a) Concept, Structure and Function of and 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 Forest, Grass, Desert and Aquatic Ecosystem.

**(b) Biodiversity and its Conservation**

- Introduction - Definition: genetic. species and ecosystem diversity
- Bio-geographical classification of India.
- Value of biodiversity: Consumptive use. productive use, social ethics, aesthetic and option values.
- Biodiversity at global, National and local levels.
- India as mega-diversity nation.
- Hot spots of biodiversity.
- Threats to biodiversity: habitat loss, poaching of wildlife, man-wild life conflict.
- Endangered and endemic species of India.
- Conservation of biodiversity: In situ and Ex-situ conservation of biodiversity.

**(12 Lecture)**

**UNIT- III**

**(a) Causes, effect and control measures of**

- Air water, soil, marine, noise, nuclear pollution and Human population.
- Solid waste management: Causes, effects and control measures of urban and industrial wastes.
- Role of an individual in prevention of pollution.
- Disaster Management : floods, earthquake, cyclone and landslides.

**(12 Lecture)**

**(b) Environmental Management**

- 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.
- Environmental ethics: Issues and possible solutions.
- Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust.
- Wasteland reclamation
- Environment protection Act: Issues involved in enforcement of environmental legislation.
- Role of Information Technology in Environment and Human Health.

#### **UNIT- IV**

General background and historical perspective- Historical development and concept of Human Rights, Meaning and definition of Human Rights, Kind and Classification of Human Rights.

Protection of Human Rights under the UNO Charter, protection of Human Rights under the Universal Declaration of Human Rights, 1948.

Convention on the Elimination of all forms of Discrimination against women.

Convention on the Rights of the Child, 1989.

#### **UNIT- V**

Impact of Human Rights norms in India, Human Rights under the Constitution of India, Fundamental Rights under the Constitution of India, Directive Principles of State policy under the Constitution of India, Enforcement of Human Rights in India.

Protection of Human Rights under the Human Rights Act, 1993- National Human Rights Commission, State Human Rights Commission and Human Rights court in India.

Fundamental Duties under the Constitution of India.

#### **Reference/ Books Recommended**

1. SK Kapoor- Human rights under International Law and Indian Law.
2. HO Agrawal- Internation Law and Human Rights
3. एस.के. कपूर – मानव अधिकार
4. जे.एन. पान्डेय – भारत का संविधान
5. एम.डी. चतुर्वेदी – भारत का संविधान
6. J.N.Pandey - Constitutional Law of India
7. Agarwal K.C. 2001 Environmental Biology, Nidi pub. Ltd. Bikaner

8. Bharucha Erach, the Biodiversity of India, Mapin pub. Ltd. Ahmedabad 380013, India, Email: mapin@icenet.net(R)
9. Bruinner R.C. 1989, Hazardous Waste Incineration. McGraw Hill Inc.480p
10. Clark R.S. Marine pollution, Clanderson press Oxford (TB)
11. Cuningham, W.P.Cooper. T.H.Gorhani, E & Hepworth. M.T,200
12. Dr. A.K.- Environmental Chemistry. Wiley Eastern Ltd.
13. Down to Earth, Center for Science and Environment (R)
14. Gloick, H.P. 1993 Water in crisis. pacific institute for studies in Deve. Environment & Security. Stockholm Eng. Institute. Oxford University, Press. m 473p.
15. Hawkins R.E. Encyclopedia of Indian Natural History, Bombay Natural History Society, Mumbai (R)
16. Heywood, V.H. & Watson, T.T.1995 Global Biodiversity Assessment, Cambridge Univ. Press 1140p
17. Jadhav H. & Bhosale, V.H. 1995 Environmental Protection and Law. Himalaya pub. House, Delhi 284p
18. Mckinney M.L.& School R.M.1996, environmental Science systems & solutions, web enhanced edition, 639p
19. Mhadkar A.K. Matter Hazardous, Techno-Science publication(TB)
20. Miller T.G.Jr. Environment Science, Wadsworth publication co. (TB)
21. Odum E.P.1971, Fundamentals of Ecology, W.B. Saunders Co. USA,574p
22. Rao M.N. & Datta, A.K. 1987, Waste water treatment. Oxford & IBH pub.co.pvt. Ltd 345p
23. Sharma B.K. 2001, Environmental chemistry, Goel pub. House, Meerut
24. Survey of the Environment, The Hidu(M)
25. Townsend C. Harper J. And Michael Begon, Essentials of Ecology, Blackwell Science(TB)
26. Trivedi R.K.Handbook of Environment Laws, Rules, Guidelines, Compliances and Standards, Vol land II, Environment Media(R)
27. Trivedi R.K. and P.K. Goel, Introduction to air pollution, Techno-Science publication (TB)
28. Wanger K.D.1998, Environmental Management. W.B. Saunders Co. Philadelphia, USA 499p

**आधार पाठ्यक्रम**  
**प्रश्न पत्र - प्रथम**  
**हिन्दी भाषा ( पेपर कोड-0101 )**

पूर्णांक - 75

नोट :

1. प्रश्न पत्र 75 अंक का होगा ।
2. प्रश्न पत्र अनिवार्य होगा ।
4. इसके अंक श्रेणी निर्धारण के लिए जोड़े जावेंगे ।
5. प्रत्येक इकाई के अंक समान होंगे ।

**पाठ्य विषय -**

**इकाई-1** पल्लवन, पत्राचार तथा अनुवाद एवं पारिभाषिक शब्दावली ।

**इकाई-2** मुहावरे-लोकोक्तियाँ, शब्दशुद्धि, वाक्य शुद्धि, शब्द ज्ञान-पर्यायवाची, विलोम, अनेकार्थी, समश्रुत (समानोचरित) अनेक शब्दों के लिए एक शब्द ।

**इकाई-3** देवनागरी लिपि की विशेषता, देवनागरी लिपि एवं वर्तनी का मानक रूप ।

**इकाई-4** कम्प्यूटर में हिन्दी का अनुप्रयोग, हिन्दी में पदनाम ।

**इकाई-5** हिन्दी अपठित, संक्षेपण, हिन्दी में संक्षिप्तीकरण ।

**पाठ्य क्रम के लिए पुस्तकें -**

1. भारतीयता के स्वर साधन धनंजय वर्मा - म. प्र. ग्रंथ अकादमी ।
2. नागरी लिपि और हिन्दी - अनंत चौधरी - ग्रंथ अकादमी पटना ।
3. कम्प्यूटर और हिन्दी - हरिमोहन - तक्षशिला प्रकाशन, दिल्ली ।

**FOUNDATION COURSE**

**PAPER - II**

**ENGLISH LANGUAGE (Paper Code-0102)**

**M.M. 75**

**UNIT-1 Basic Language skills : Grammar and Usage.**

Grammar and Vocabulary based on the prescribed text.

To be assessed by objective / multiple choice tests.

(Grammar - 20 Marks

Vocabulary - 15 Marks)

**UNIT-2 Comprehension of an unseen passage.**

05

This should imply not only (a) an understanding of the passage in question, but also (b) a grasp of general language skills and issues with reference to words and usage within the passage and (c) the Power of short independent composition based on themes and issues raised in the passage.

To be assessed by both objective multiple choice and short answer type tests.

**UNIT-3 Composition : Paragraph writing**

10

**UNIT-4 Letter writing (The formal and one Informal)**

10

Two letters to be attempted of 5 marks each. One formal and one informal.

**UNIT-5 Texts :**

15

Short prose pieces (Fiction and not fiction) short poems, the pieces should cover a range of authors, subjects and contexts. With poetry if may sometimes be advisable to include pieces from earlier periods, which are often simpler than modern examples. In all cases, the language should be accessible (with a minimum of explanation and reference to standard dictionaries) to the general body of students schooled in the medium of an Indian language.

Students should be able to grasp the contents of each piece; explain specific words, phrases and allusions; and comment on general points of narrative or argument. Formal Principles of Literary criticism should not be taken up at this stage.

To be assessed by five short answers of three marks each.

**BOOKS PRESCRIBED -**

English Language and Indian Culture - Published by M.P. Hindi Granth Academy Bhopal.

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**हिन्दी साहित्य**  
**प्रथम - प्रश्न पत्र**  
**( प्राचीन हिन्दी काव्य )**  
**( पेपर कोड-0103 )**

अंक 75

**उद्देश्य एवं प्रस्तावना-**

प्राचीन से तात्पर्य है - आधुनिक काल से पूर्व का काल । सही अर्थ में हिन्दी भाषा और साहित्य का विकास आदिकाल से शुरू होता है । इसमें धार्मिक तथा ऐतिहासिक दो प्रकार का साहित्य मिलता है, जो प्रबंध, मुक्तक, रासो, फागु, चरित, सुभाषित आदि विविध । काव्यरूपों में अभिव्यंजित है । मध्यकालीन साहित्य की पृष्ठभूमि के रूप में इसे प्रतिष्ठापित किया जाता है ।

मध्यकालीन काव्य में भक्तिकाव्य, जहां लोक जागरण को स्वर देने वाला है, वहीं रीतिकाल अपने लौकिक-श्रृंगारिका, परिदृश्य में तत्कालीन सामाजिक, सांस्कृतिक, राजनीतिक स्थितियों को बेलौस अभिव्यंजित करता है । अतः भाषा, संस्कृति, विचार, मानवता, काव्यत्व, काव्यरूपता, लौकिकता-पारलौकिकता, आदि दृष्टियों से इसका अध्ययन अत्यावश्यक है ।

**पाठ्य विषय -**

1. कबीर ( कबीर - कांतिकुमार जैन) प्रारंभिक 50 सांख्यियाँ)
2. जायसी-संक्षिप्त पद्मावत-श्यामसुंदर दास) नागमती वियोग वर्णन
3. सूर ( भ्रमर गीत सार - सं. आचार्य रामचन्द्र शुक्ल) प्रारंभिक 25 पद
4. तुलसी - " रामचरित मानस" के अयोध्याकाण्ड से प्रारंभिक 25 दोहे चौपाई, छंद सहित ।
5. घनानन्द ( घनानन्द - सं. विश्वनाथ प्रसाद मिश्र) प्रारंभिक 25 छन्द द्रुत पाठ हेतु निम्नांकित तीन कवियों का अध्ययन किया जावेगा - जिसमें से किन्हीं दो पर लघूत्तरीय प्रश्न पूछे जायेंगे -
  1. विद्यापति
  2. रहीम
  3. रसखान

**अंक विभाजन-**

- |    |                   |            |
|----|-------------------|------------|
| 1. | 3 व्याख्याएँ      | 30 प्रतिशत |
| 2. | आलोचनात्मक प्रश्न | 30 प्रतिशत |
| 3. | लघूत्तरीय प्रश्न  | 20 प्रतिशत |
| 4. | वस्तुनिष्ठ प्रश्न | 20 प्रतिशत |

**हिन्दी साहित्य**  
**द्वितीय - प्रश्न पत्र**  
**हिन्दी कथा साहित्य**  
**( पेपर कोड-0104 )**

पूर्णांक 75

**उद्देश्य एवं प्रस्तावना-**

गद्य की प्रमुख विधाओं का इतना द्रुत विकास इनकी लोकप्रियता का प्रमाण प्रस्तुत करता है । इसमें आधुनिक जीवन, अपनी विविध कवियों के साथ यथार्थ रूप में अभिव्यंजित हुआ है । जीवन की अनुभूतियाँ, संवेदनाओं तथा विविध परिस्थितियों के साक्षात्कार के लिए इनका अध्ययन सर्वथा अपेक्षित है ।

**पाठ्य विषय -**

व्याख्या एवं आलोचनात्मक प्रश्नों के लिए एक उपन्यास एवं आठ कहानीकारों की एक-एक प्रतिनिधि कहानी का अध्ययन आवश्यक है ।

<b>उपन्यास</b>	1. गबन	-	प्रेमचंद
<b>कहानी</b>	1. प्रेमचंद	-	कफन
	2. जयशंकर प्रसाद	-	आकाश दीप
	3. यशपाल	-	परदा
	4. फणीश्वरनाथ रेणु	-	ठेस
	5. मोहन राकेश	-	मलवे का मालिक
	6. भीष्म साहनी	-	चीफ की दावत
	7. राजेन्द्र यादव	-	बिरादरी बाहर
	8. रागेय राघव	-	गदल

द्रुत पाठ के लिए निम्नांकित तीन कथाकारों का अध्ययन अपेक्षित है, जिनमें से किन्हीं दो पर लघुत्तरीय प्रश्न पूछे जावेंगे -

1. उपेन्द्रनाथ अशक, 2. बाल शौरि रेड्डी 3. शिवानी

**अंक विभाजन -3/ व्याख्याएँ 30 प्रतिशत**

2/ आलोचनात्मक प्रश्न	30 प्रतिशत
5/ लघुत्तरीय प्रश्न	20 प्रतिशत
20/ वस्तुनिष्ठ प्रश्न	20 प्रतिशत

**B. A. Part-I**  
**ENGLISH LITERATURE**

There will be two literatures in English - 1550-1750 Papers, each carrying maximum marks - 75. Nine questions are to be attempted in each paper. Each question carries the marks according to the scheme mentioned in each paper.

**ENGLISH LITERATURE**  
**PAPER - I**

**LITERATURE IN ENGLISH - 1550-1750 (Paper Code-0105) M.M. 75**

- Ⓐ Unit-1 of annotation is compulsory, and passages to be set from Units (II to V), atleast one from each unit, 3 to be attempted. 3x5 = 15
  - Ⓑ Multiple choice/objective type questions to be set unit vii, 15 to be set 10 be attempted. 1x1 = 10
  - Ⓒ From Unit-II to VI-8 questions to be set atleast one from each unit-5 to be attempted. 10x5 = 50
- Word Limit for each answer 300 to 400 words.

**UNIT-1 ANNOTATIONS .**

**UNIT-2 POETRY**

- (a) Shakespeare - Sonnet No. 1 From Fairest Creatures, Sonnet No. 154., The little Love God.
- (b) Milton - How Soon Hath Time the Subtle Theif of Youth ...
- (c) John Donne - Sweetest Love I Don't go, This is my play's Last Scene.

**UNIT-3 POETRY**

- (a) John Dryden - Portrait of Shadwell.
- (b) Alexander - Pope- From An Essay on Criticism (True case in writing ....) and the world's Victor Stood subdnd by sound.

**UNIT-4 PROSE**

- (a) Bacon Of Studies, Of Health, Of Friendship
- (b) Addison-Sir Roger at Home
- (c) Steele Of the Club.

**UNIT-5 DRAMA**

Shake spear - The Merchant of Venice

**UNIT-6 Fiction - Swift - The Battle of the Books.**

**UNIT-7 Historical and Literary Topics**

- Ⓐ The Renaissance.
- Ⓑ Humanism.
- Ⓒ Reformation.
- Ⓓ The Restoration.
- Ⓔ The Earlier Drama
- Ⓕ Petrarchism and the Sonnet Cycle.
- Ⓖ The Influence of Seneca and Classical Dramatic Theory
- Ⓗ The Elizabethan and Jacobean stage.
- Ⓘ Restoration Drama
- Ⓚ The Rise of Periodcal Essay



**BOOKS RECOMMENDED for Unit VII in Papers I and II**

- 1 Edward Albert - A History of English Literature.
- 2 Ifor Evans - A short History of English Literature.
- 3 Hudson - An Outline History of English Literature.

Both the papers of B. A. Part-I are included in the anthologies prescribed in the previous syllabus for B. A. Part-I and B. A. Part - II

**ENGLISH LITERATURE**

**PAPER - II**

**LITERATURE IN ENGLISH FROM 1750-1900 (Paper Code-0106)**

- Note-**
- (i) Unit-1. of annotation is compulsory, 6 passages be set from Units (II to IV) atleast one from each unit, 3 to be attempted. 3x5 = 15
  - (ii) Multiple Choice/objective type questions to be set from unit-VII, 25 to be set 10 to be attempted. 1x10 = 10
  - (iii) From Units 11 to VI-8 questions to be set atleast one from each Unit - 5 to be attempted. 10x5 = 50
- Word Limit for each answer 300 to 400 words.

**UNIT-1 ANNOTATIONS**

**UNIT-2 POETRY -**

- (a) Blake - Tiger, Tiger Burning Bright.
- (b) Wordsworth - Daffodils and Solitary Reaper.
- (c) Coleridge - Frost at Midnight.

**UNIT-3 POETRY-**

- (a) Shelley - Ode to a skylark.
- (b) Keats - Ode to Autumn.
- (c) Tennyson - Crossing the Bar.
- (d) Browning - Prospice.

**UNIT-4 PROSE**

- (a) Lamb - Dream Children : A Reverie
- (b) Hazlit - On Actors and Acting

**UNIT-5 Fiction Jane Austen - Pride and prejudice.**

**UNIT-6 Fiction Charles Dickens - David Copperfield**

**UNIT-7 Historical and Literary Topics.**

- (1) The Reform Acts.
- (2) The Impact of Industrial ization.
- (3) Colonialism And Imperialism.
- (4) Scientific the ughts and discoveries.
- (5) Faith and Doubt.
- (6) Classical and Romantic Concepts of Imagination.
- (7) Varieties of Romantic and Victorian Poetry.
- (8) The Victorian Novel.
- (9) Realism and the Novel.
- (10) Aestlheticism.

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## PSYCHOLOGY

Paper	Name of the Paper	Max. Marks	Duration
I	Basic Psychological Processes	50	3 hrs.
II	Psychopathology	50	3 hrs.
III	Practical	50	4 Hrs.

### PAPER - I

#### BASIC PSYCHOLOGICAL PROCESSES (Paper Code-0119) M.M. 50

This Paper consists of 5 units.

From each unit a minimum of two questions would be set and candidates would be required to attempt one from each unit.

- UNIT-1** Introduction - Definition and goals of psychology; behaviouristic, cognitive and humanistic; cross-cultural perspective; Methods : Experimental, observation, interview, questionnaire and case study.
- UNIT-2** Biological bases of Behaviours : Genes and Behaviour, the nervous System : C.N.S., A.N.S. and peripheral Nervous system; Glands and Hormones, Emotions : Expression and control.
- UNIT-3** Sensory Perceptual Processes - Nature and types of sensation and Perception; Attentional Processes : Definition, types and determinants; Principles of Perceptual organisation; Thinking process : Nature and types.
- UNIT-4** Learning and Memory : Classical and Operant conditioning - Basic Processes ; verbal and observational learning; memory : Sensory, S-T.M., L.T.M. Forgetting : Process and theories.
- UNIT-5** Cognitive and non cognitive processes : Intelligence : Nature and types; motivation : Biogenic and Sociogenic motives; Personality : nature and determinants, Approaches to study personality : trait and types, Assessment of Personality.

#### BASIC BOOKS :

1. सामान्य मनोविज्ञान - अरूण कुमार सिंह, बनारसीदास प्रकाशन
2. प्रीति वर्मा - आधुनिक सामान्य मनोविज्ञान
3. Balon R.A., Barne D.A. - Understanding behaviour Tokyo Halt Sounders
4. Zimbardo P.G. & Walser AL 1997 - Psychology New York Haper Collings college publishers
5. Lefton, L. A. 1985 - Psychology Bosten-Allyn & Baron

### PAPER II

#### PSYCHOPATHOLOGY (Paper Code-0120) M.M. 50

This paper consists of 5 units.

From each unit a minimum of two questions would be set and candidates would be required to attempt one from each unit.

- UNIT-1** Introduction : The concept of normality and abnormality; Models of Psychopathology : Psychodynamic, Behavioral and cognitive.
- UNIT-2** Assessment of Psychopathology :- Diagnostic tests, Rating scales, clinical interview, projective tests.
- UNIT-3** Anxiety Disorders : Panic disorder, Phobias, obsessive compulsive disorder, anxiety disorder, Dissociative disorder.

**UNIT-4** Mood and personality disorders - Manic - depressive episode, paranoid, schizoid, Dependent Personality, Dysthymia, obesity.

**UNIT-5** Management of Psychopathology : Stress management; Medico and Psychosocial Therapy : Shock therapy, Psychoanalysis, Group therapy and Behaviour therapy.

**BOOKS -**

- 1 Lamm, A. (1997) - Lamm, A (1997) Introduction to psychopathology, Sage, N.Y.
- 2 Buss, A. H. (1999) - Psychopathology N. Y. John Wilcy
- 3- ykHk fl g rFkk frokjH & vl kekl; eukfoKku & vxjK foukn i qrd Hk.Mkj
- 4- dfi y ,p-ds & vl kekl; eukfoKku & gjid kn Hkxzb] vxjK

**PAPER - III  
PRACTICALS**

**M.M. 50**

**Note :** This paper consists of two parts :

- (a) Comprises of laboratory Experiments.
- (b) Comprises of Psychological testing and understanding of self and others.
- (a) **Experiments** - (any five of the following) :-
  - (i) Effect of set on perception
  - (ii) Effect of frustration on performance.
  - (iii) Division of Attention.
  - (iv) Learning curve/Serial position curve.
  - (v) Retroactive inhibition.
  - (vi) S.T.M.
  - (vii) Concept formation.
  - (viii) Judgement of emotions through facial expressions.
- (b) Psychological testing and understanding of self and others (any four of the following tests and maintenance of anecdotal records)
  - (i) Verbal/nonverbal intelligence test/performance tests.
  - (ii) E.P.I. (iii) Anxiety test.
  - (iv) Depression Scale (v) Adjustment inventory.
  - (vi) Achievement motivation. (vii) Stress tolerance test.

Anecdotal record : Each Student will be required to observe behaviour of pupil in different setting and select an anecdote to understand, judge and narrate it as objectively as possible, so as to reveal his/her psychological insight existing in that anecdotal behaviour. This record constitutes a part of psychological assessment of the students. Introduction to measures of central tendency data in ungrouped Graphical presentation of data.

**DISTRIBUTION OF MARKS**

- |   |            |
|---|------------|
| A. Conduction of psychological experiment and reporting   | - 15 marks |
| B. Administration of one psychological test and reporting | - 15 marks |
| C. Evaluation of Practical notebook and Anecdotal record  | - 10 marks |
| D. Viva - Voce  | - 10 marks |

**Note :** No candidate will be allowed to appear in the practical examination unless his/her day to day practical work and the report are found satisfactory.

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## इतिहास

प्रश्न पत्र - प्रथम

( भारत का इतिहास प्रारम्भ से 1206 ई. तक )

HISTORY OF INDIA FROM THE BEGINNING TO 1206 A.D.

( पेपर कोड-0109 )

**उद्देश्य -** इस पाठ्यक्रम का उद्देश्य विद्यार्थियों को प्राचीन भारत के इतिहास के प्रमुख राजनीतिक, सामाजिक, आर्थिक एवं सांस्कृतिक पक्षों से परिचित कराना है जो कि यू.जी.सी. मानदंडों के अनुरूप है ।

**इकाई-1**

1. भारतीय इतिहास के स्रोतों का सर्वेक्षण
2. भारत की भौगोलिक विशेषताएँ
3. प्रागैतिहासिक - पूर्व पाषाण से नवपाषाण युग तक सभ्यता एवं संस्कृति
4. हड़प्पा सभ्यता - निर्माता, प्रसार, नगर योजना, राजनीतिक, सामाजिक, आर्थिक संरचना

**इकाई-2**

1. ऋग्वैदिक काल- राजनीतिक, आर्थिक, धार्मिक
2. उत्तर वैदिक काल - राजनीतिक, सामाजिक, आर्थिक, धार्मिक
3. महाकाव्य काल - सभ्यता एवं संस्कृति
4. ईसा पूर्व छठवीं शताब्दी का भारत तथा बौद्ध एवं जैन धर्म

**इकाई-3**

1. मगध साम्राज्य का उदय
2. सिकन्दर का आक्रमण और उसका प्रभाव
3. मौर्य साम्राज्य की स्थापना - चन्द्रगुप्त मौर्य एवं अशोक - अशोक के धम्म
4. मौर्यकालीन प्रशासन अर्थव्यवस्था एवं कला तथा संस्कृति

**इकाई-4**

1. मौर्योत्तरकाल - शुंग, कुषाण एवं सातवाहन
2. संगमयुग - साहित्य, संस्कृति
3. चौल एवं पाण्ड्य
4. गुप्त साम्राज्य - प्रशासन, आर्थिक, सामाजिक, सांस्कृतिक दशा

**इकाई-5**

1. पल्लव, चालुक्य, वर्धन, वाकाटक, गुर्जर-प्रतिहार, पाल, सेन, राष्ट्रकूट
2. भारत का दक्षिण पूर्व एशिया एवं श्रीलंका से सम्बन्ध
3. मोहम्मद बिन कासिम, गजनवी एवं गोरी का आक्रमण
4. नारी की स्थिति - विवाह, सती प्रथा, परदा प्रथा, देवदासी प्रथा, जाति व्यवस्था, दास प्रथा

**संदर्भ ग्रन्थ -**

1. रतिभानु सिंह नाहर - प्राचीन भारतीय इतिहास एवं संस्कृति
2. शांता शुक्ला - भारत का राजनीतिक इतिहास ( राजपूत कालीन भारत)
3. द्विजेन्द्र नारायण एवं श्रीमाली - प्राचीन भारत
4. ओम प्रकाश - प्राचीन भारत
5. बी.एन. लूनिया - प्राचीन भारतीय संस्कृति
6. एस.आर. शर्मा - प्राचीन भारत - प्रागैतिहासिक युग से 1200 ई. तक
7. K.L. Khurana - Ancient India from Earliest Time to 1206 A.D.
8. K.L. Khurana - History of India from Earliest Time to 1526 A.D.

- |     |               |   |  |
|-----|---------------|---|--|
| 9.  | Vincent Smith | - | Oxford History of India.                               |
| 10. | भार्गव        | - | प्राचीन भारत   |
| 11. | L. Prasad     | - | Ancient India - Indus Valley Civilization to 1200 A.D. |

## इतिहास

### प्रश्न पत्र - द्वितीय

### विश्व का इतिहास ( 1453 से 1789 ई. तक )

( पेपर कोड-0110 )

- |               |    |   |
|---------------|----|---|
| <b>इकाई-1</b> | 1. | सामन्तवाद का पतन एवं आधुनिक युग का प्रारम्भ   |
|               | 2. | पुनर्जागरण                                    |
|               | 3. | धर्म सुधार आन्दोलन                            |
|               | 4. | प्रति धर्म सुधार आन्दोलन                      |
| <b>इकाई-2</b> | 1. | तीस वर्षीय कारण, परिणाम तथा प्रभाव            |
|               | 2. | राष्ट्रीय राज्यों का उदय स्पेन, फ्रांस        |
|               | 3. | राष्ट्रीय राज्यों का उदय. इंग्लैण्ड, रूस      |
|               | 4. | पोलैण्ड का विभाजन                             |
| <b>इकाई-3</b> | 1. | अधुनिक पाश्चात्य जगत के आर्थिक आधार           |
|               | 2. | वाणिज्यवाद एवं व्यापारिक क्रान्ति             |
|               | 3. | औद्योगिक क्रान्ति                             |
|               | 4. | उपनिवेशवाद का प्रारम्भ                        |
| <b>इकाई-4</b> | 1. | इंग्लैण्ड में गृह युद्ध : घटनाएं              |
|               | 2. | इंग्लैण्ड में गृह युद्ध : कारण एवं परिणाम     |
|               | 3. | गौरव पूर्ण क्रान्ति ( 1688 )                  |
|               | 4. | क्रेमलीन का शासन                              |
| <b>इकाई-5</b> | 1. | लुई चतुर्दश - गृह नीति                        |
|               | 2. | लुई चतुर्दश - विदेश नीति                      |
|               | 3. | अमेरिका का स्वतंत्रता संग्राम                 |
|               | 4. | फ्रांस की क्रान्ति के कारण एवं नेशनल असेम्बली |

#### संदर्भ ग्रंथ -

- |    |                    |                                |
|----|--------------------|--------------------------------|
| 1. | बी. एन. मेहता-     | अर्वाचीन यूरोप                 |
| 2. | बी.आई. पाल         | - आधुनिक यूरोप                 |
| 3. | K.L. Khurana       | - History of Modern World.     |
| 4. | Khurana And Sharma | - Modern Europe 1453-1789 A.D. |

**ECONOMICS**  
**PAPER - I**  
**MICRO ECONOMICS**  
**(Paper Code-0111)**

- UNIT-1** Introduction - Definitions Nature and scope of Economics, Methodology in Economics. Utility - Cardinal and Ordinal approaches, Indifference curve, Consumer's equilibrium (Hicks and Slutsky), Giffen goods, Compensated demand, Demand - Law of Demand, Elasticity of demand - Price, income and cross, elasticity Consumer's surplus, Engel curve.
- UNIT-2** Theory of production and cost - Production decision, 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-3** Market structure-perfect and imperfect markets, Equilibrium of a firm-Perfect competition, Monopoly and price discrimination, Measure of monopoly power, Monopolistic competition, Duopoly, Oligopoly, Taxation and equilibrium of a firm, Notion of controlled and administered prices.
- UNIT-4** Factor pricing-Marginal productivity theory of distribution, Theories of wage determination, wages and collective bargaining, wage differentials, Rent - Scarcity Rent, differential rent, Quasi rent, Modern Rent Theory, Interest Classical and Keynesian Theories, Modern Theory, Profits - Innovation, Risk bearing and Uncertainty theories.
- UNIT-5** Welfare economics - Problems in measuring welfare, Classical welfare economics, Pareto's criteria, value judgement, Concept of a social welfare function, Compensation principle - Kaldor, Hicks.

**BASIC READING LIST -**

1. Bach, G. L. (1977) Economics, Prentice Hall of India, New Delhi.
2. Gauld, J.P. and Edward P. L. (1996), Microeconomic Theory, Richard Irwin, Homewood.
3. Henderson J. and R. E. Quandt (1980), Microeconomic Theory : A Mathematical Approach, McGraw Hill, New Delhi.
4. Heathfield and Wibe (1987), An Introduction to Cost and Production Functions, Macmillan. London.
5. Koutsoyiannis, A. (1990), Modern Microeconomics, Macmillan.
6. Lipsey, R. G. and K. A. Chrystal (1999) Principles of Economics (9th Edition), Oxford University Press, Oxford.

**PAPER - II**  
**INDIAN ECONOMY**  
**(Paper Code-0112)**

- UNIT-1** Towards a Market Economy - Changes in the land system. Commercialization of agriculture, Policy of discriminating protection and Industrial development, Monetary and currency developments, Central and Commercial Banking developments.  
Indian Economy at the Time of Independence, Backward economy, Stagnant economy, Other salient features, planning exercises in India - National Planning Committee, Bombay Plan, People's Plan. Gandhian Plan, The Planning Commission.
- UNIT-2** Structure of 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, Infra - structure development, National income.
- UNIT-3** Planning in India - Objectives, Strategy; Broad achievements and failures, Current Five Year Plan - Objectives, Allocation and targets, New Economic Reforms - Liberalization, Privatization and globalization. Agriculture - Nature and importance, Trends in agricultural production and productivity, Factors determining productivity, Land reforms, New agricultural strategies and green revolution, Rural credit, Agricultural marketing.
- UNIT-4** Industry - Industrial development during the planning period, Industrial policy of 1948, 1956, 1977 and 1991. Industrial licencing policy - MRTP Act, FERA and FEMA, Growth and problems of small scale industries, Role of public sector enterprises in India's industrilization.
- UNIT-5** 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. Important areas of concern - Poverty, inequality and unemployment, Rising Prices.

**BASIC READING LIST -**

- 1 Datt, R. and K. P. M. Sudharam (2001) Indian Economy S. Chand & Company Ltd. New Delhi.
- 2 Dhingra, I. C. (2001), The Indian Economy E..nment and Policy, Sultan Chand & Sons. New Delhi.
- 3 Dutt. R. C. (1950) The Economic History of India Under Early British Rule. Low Price Publications. Delhi.
- 4 Kumar, D. (Ed.) (1982), The Cambdge Economic History of India, Volume II. 1957-1970. Oricnt Longman Ltd. Hyderabad.
- 5 Misra, S. K. and v. K. Puri (2001), Indian Economy - Its Development Experience, Himalaya Publication House, Mumbai.

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## दर्शन शास्त्र

बी ए. प्रथम वर्ष दर्शन शास्त्र में दो प्रश्न पत्र ( 75 अंक ) होंगे -

1. भारतीय दर्शन की रूपरेखा
  2. पाश्चात्य दर्शन का इतिहास
- प्रत्येक प्रश्न पत्र पाँच इकाईयों में विभाजित है । प्रत्येक इकाई में से एक प्रश्न हल करना अनिवार्य होगा ।

### प्रथम - प्रश्न पत्र

### भारतीय दर्शन की रूपरेखा

( पेपर कोड-0127 )

- इकाई-1** 1. भारतीय दर्शन - परिचय एवं मुख्य विशेषताएँ,  
2. वेद एवं उपनिषद् - ब्रह्म, आत्मा, ऋत्,  
3. चार्वाक दर्शन - तत्व मीमांसा
- इकाई-2** 1. जैन दर्शन - स्याद्वाद, जीव,  
2. बौद्ध दर्शन - चार आर्य सत्य, अनात्मवाद
- इकाई-3** 1. न्याय दर्शन - प्रमाण (प्रत्यक्ष एवं अनुमान), ईश्वर,  
2. वैशेषिक दर्शन - परमाणुवाद
- इकाई-4** 1. सांख्य दर्शन - प्रकृति, पुरुष, विकासवाद,  
2. योग दर्शन - अष्टांग योग
- इकाई-5** 1. शंकराचार्य का अद्वैत दर्शन - ब्रह्म, आत्मा, माया,  
2. रामानुज का विशिष्टाद्वैत - ब्रह्म, जीव, भक्ति एवं प्रपत्ति

### ENGLISH VERSION

### OUTLINES OF INDIAN PHILOSOPHY

(Paper Code-0127)

- UNIT-1** 1. Indian Philosophy - Introduction and main characteristics  
2. Veda and Upanisada - Brahman, Atman, Rta.  
3. Carvaka Darsana - Metaphysics
- UNIT-2** 1. Jainism - Syadvada, Jiva.  
2. Buddhism - Four noble truths, theory of No - Soul.
- UNIT-3** 1. Nyaya Darsana - Praimanas (Pratysa and Anuman), God  
2. Vaisesika Darsana - Paramanuvada.
- UNIT-4** 1. Sankhya Darsan - Prakriti, Purusa, Evolutionism  
2. Yoga Darsan - Eightfold path
- UNIT-5** 1. Advaita Darsana of Sankaracharya - Brahman, Atma, Maya  
2. Visistadvait - Brahman, Jiva, Bhakti and Prapafti

### SUGGERED BOOKS -

1. M. Hiriyanna : Out lines of Indian Philosophy
2. C. D. Sharma : A Critical Survey of Indian Philosophy
3. दत्त एवं चटर्जी : भारतीय दर्शन का परिचय
4. श्रीमती शोभा निगम : भारतीय दर्शन
5. संगमलाल पांडेय : भारतीय दर्शन



6. बी. एन. सिंह : भारतीय दर्शन  
7. सिंह एवं सिंह : भारतीय दर्शन

**द्वितीय प्रश्न पत्र**  
**पाश्चात्य दर्शन का इतिहास**  
( पेपर कोड-0128 )

- इकाई-1** 1. पाश्चात्य दर्शन - परिचय  
2. प्लेटो - प्रत्ययों का सिद्धांत  
3. अरस्तू - कारणता का सिद्धांत
- इकाई-2** 1. थामस एक्वीनास - ईश्वर के अस्तित्व के प्रमाण  
2. डेकार्ट - संदेहवादी पद्धति, आत्मा का अस्तित्व, द्वैतवाद (मैं सोचता हूँ अतः मैं हूँ) ।
- इकाई-3** 1. स्पिनोजा - द्रव्य, गुण, पर्याय  
2. लाइब्निज - चिद्बिन्दुवाद
- इकाई-4** 1. लॉक - सहज प्रत्ययों का खंडन, द्रव्य : प्राथमिक और द्वैतयिक गुण  
2. वर्कले - प्राथमिक और द्वैतयिक गुणों का खंडन, दृष्टि ही सृष्टि हैं ।
- इकाई-5** 1. ह्यूम - संस्कार और प्रत्यय संदेहवाद, आत्मा का खंडन  
2. कांट - समीक्षावाद

**ENGLISH VERSION**  
**HISTORY OF WESTERN PHILOSOPHY**  
(Paper Code-0128)

- UNIT-1** 1. Western Philosophy - Introduction  
2. Plato - Theory of Ideas  
3. Aristotle - Theory of Causation
- UNIT-2** 1. st. Thomas Aquinas - Proofs for the Existence of God  
2. Descartes - Method of Doubt, Existence of Soul (Cogito ergo sum) Dualism
- UNIT-3** 1. Spinoza - Substance, attributes and modes.  
2. Leibnitz - Monadology
- UNIT-4** 1. Locke - Refutation of innate Ideas  
- Substance : Primary and Secondary qualities  
2. Berkeley - Rejection of the distinction between primary and Secondary qualities
- UNIT-5** 1. Hume - Impression and Ideas, Scepticism, Rejection of Self  
2. Kant - Criticism

**SUGGESTED BOOKS -**

1. W. T. Stace - A Critical History of Greek Philosophy  
2. श्रीमती शोभा निगम - ग्रीक एवं मध्ययुगीन दर्शन  
3. A. K. Rogers - A student's History of Philosophy  
4. बी. एन. सिंह - पाश्चात्य दर्शन  
5. याकूब मसीह - पाश्चात्य दर्शन  
6. श्रीमती शोभा निगम - आधुनिक पाश्चात्य दर्शन

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**संस्कृत**  
**प्रथम प्रश्न-पत्र**  
**नाटक, व्याकरण और अनुवाद**  
**( पेपर कोड-0125 )**

पूर्णांक 75

- इकाई-1** स्वप्नवासवदत्तम् - व्याख्या - अंक 15
- इकाई-2** समीक्षात्मक प्रश्न - अंक 15
- इकाई-3** सुबन्त (शब्द) राम, गति, भानु, पितृ, करिन् भूभृत्, कर्तृ, चन्द्रमस, भगवत्, आत्मन्, लता, मति, नदी, धेनु, वधु, मातृ, फल, वारि, मधु, वाच्, रात्रि, सर्व, तद्, एतद्, यद्, इदम्, जगत्, अस्मद् तथा युष्मद् एक, द्वि, त्रि, चतुर वचन तिङन्त (धातु रूप) भ्वादि, दिवादि, तुदादि, चुरादि, इन चार वर्णों के धातुओं के लट्, लोट्, लङ् और विधिलिङ्लकारों के रूप एवं अस और कृ धातुओं के भी लकार के अंक 20
- इकाई-4** प्रत्याहार, संज्ञा तथा सन्धि और विभक्तयर्थ - अंक 15
- इकाई-5** हिन्दी से संस्कृत में 10 वाक्यों का अनुवाद - अंक 10
1. रचनानुवाद कौमुदी - डॉ. कपिल देव द्विवेदी
  2. संस्कृतस्य व्यावहारिक स्वरूपम् - डॉ. नरेन्द्र, श्री अरविन्द आश्रम,
  3. संस्कृत व्याकरण - श्री धर वसिष्ठ
  4. शुकनासोपदेश - मोती लाल बनारसीदास
  5. संस्कृत में अनुवाद कैसे करें - उमाकान्त मिश्र साख्री, भारती भवन पहना. 1971
  6. साधुबोध व्याकरणम् - डॉ. श्रीमती पुष्पा दीक्षित, यन्त्रस्थ - पाणिनीय शोध संस्थान तेलीपारा, बिलासपुर (छ. ग.)
  7. लघु सिद्धान्त कौमुदी - श्री शारदा रञ्जन रॉय - 1954
  8. संस्कृत निबन्ध रत्नाकर - डॉ. शिव प्रसाद भारद्वाज, अशोक प्रकाशन दिल्ली- 1977 द्वितीय संस्करण

**संस्कृत**  
**द्वितीय प्रश्न पत्र**  
**गद्य, कथा एवं साहित्येतिहास**  
**( पेपर कोड-0126 )**

पूर्णांक 75

- इकाई-1** शुकनासोपदेश (व्याख्या) - अंक 20
- इकाई-2** हितोपदेश (मित्रलाभ) (व्याख्या) - अंक 20
- इकाई-3** शुकनासोपदेश व हितोपदेश के समीक्षात्मक प्रश्न - अंक 10
- इकाई-4** संस्कृत, नाटक एवं कथा साहित्य का इतिहास - अंक 15
- इकाई-5** प्रमुख कवियों का प्रमुख परियच : महाकवि कालीदास, महाकवि माघ, महाकवि भारवि, महाकवि श्रीहर्ष, महाकवि अंबिकादत्त व्यास - अंक 10
1. संस्कृत साहित्य का अभिनव इतिहास - डॉ. राधा वल्लभ, वि. वि. प्रकाशन, सागर
  2. संस्कृत साहित्य का इतिहास - पं. बलदेव उपाध्याय
  3. हितोपदेश मित्रलाभ - मोतीलाल बनारसीदास काशी अथवा चौखम्बा प्रकाशन, काशी

## **GEOGRAPHY**

1. The B.A. Part-I Examination in geography will be of 150 marks. There will be two theory papers and one Practical each of 50 marks as follows :  
Paper - I Physical Geography-I (Elements of Geomorphology)  
Paper - II Introduction to Geography and Human Geography.  
Paper - III Practical Geography
2. Each theory paper shall be of three hours duration.
3. Candidates will be required to pass separately in theory and practical examinations.
4. Each theory paper is divided into five units.
5. (a) In the practical examination the following shall be the allotment of time and marks:
  - i. Lab. Work - 25 marks up to three hours.
  - ii. Field work (survey) - 15 marks two hours.
  - iii. Practical record and viva voce - 10 marks(b) The external and internal examiners shall jointly submit marks.  
(c) The candidates shall present at the time of the practical examination their practical record regularly, signed by the teachers concerned.

### **PHYSICAL GEOGRAPHY - I**

#### **PAPER - I**

#### **ELEMENTS OF GEOMORPHOLOGY**

**M.M. : 50**

**(Paper Code-0117)**

- UNIT-1** The nature and scope of Physical Geography; Inter relation of Physical Geography with other branches of earth science. The place of Geomorphology in Physical Geography, Geological Time scale.
- UNIT-2** Earth's interior, Wegner's theory of Continental Drift, Plate Tectonics. Earth movements:- orogenic and epeirogenic. Isostasy, Earthquakes and Volcanoes.
- UNIT-3** Rocks - Origin and composition of rocks, weathering, formation of regolith and soils, rocks and relief. Geomorphic agents and processes-erosion, transportation and deposition, mass wasting.
- UNIT-4** Evolution of Land scape, concept of cycle of erosion, interruption of cycle of erosion. Fluvial, Arid, Glacial, Karst and Coastal Landscapes.
- UNIT-5** Application of Geomorphology to Hydrology, Mining, Engineering works, Hazard management and urbanisation.

#### **PAPER - II**

#### **INTRODUCTION TO GEOGRAPHY AND HUMAN GEOGRAPHY**

**M.M. : 50**

**(Paper Code-0118)**

- UNIT-1** The Nature of Geography, objectives and relevance, Place of Geography in the classification of Sciences, Geography and other disciplines.

- UNIT-2** Geography as the study of environment, man - environment relationship; ecology and ecosystems. Environmental determinism possibilism Neo - determinism; Dualism in Geography - Systematic / Regional, Physical/Human, Complementarity.
- UNIT-3** Delimitation and scope of Human Geography.  
Human Races - Their characteristics and distribution.  
Human adaptation - To the environment; Eskimos, Bushman, Pigmy, Gond, Masai, and Naga.
- UNIT-4** Growth of Population; Distribution of Population, world distribution pattern - physical, economic and social factors influencing spatial distribution, concept of over population under population and optimum population. Migration - internal and international Settlements - Types and patterns of settlements.
- UNIT-5** A brief historical overview of Geography as a discipline, recent trends in geography with special reference to India, imperatives for the future, career opportunities for geographers.

**PAPER - III**

**PRACTICAL GEOGRAPHY**

**M.M. : 50**

**SECTION A - CARTOGRAPHY AND STATISTICAL METHODS**

**M.M. 25**

- 1 Scale - Plain, Time, Diagonal and Comparative.
- 2 Methods of showing relief - hachures, contours; Representation of different land forms by contours, Drawing of profiles - serial, superimposed, projected and composite.
- 3 Line graph & Bar graph (Simple & Compound)
- 4 Circle Diagram, Pie diagram, wind rose.
- 5 Population pyramid.
- 6 Mean, Median and Mode.

**SECTION B - SURVEYING -**

**M.M. 15**

- 7 Chain and tape Survey.

**PRACTICAL RECORD AND VIVA VOCE**

**M.M. 10**

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## SOCIOLOGY

### PAPER - I

#### INTRODUCTION TO SOCIOLOGY

M.M. : 75

(Paper Code-0115)

- UNIT-1** The Meaning of Sociology - The Sociological perspective - Sociology and social sciences - The Scientific and humanistic Orientations of Sociological Study. Basic concepts - Society, Community, institution, association, group social structure, status and role.
- UNIT-2** Institution, Family and Kinship, religion, Education, Politics. The Individual and society - Society. Culture and socialisation - Relation between individual and society - Social control, norms, values.
- UNIT-3** Social Stratification and mobility Meaning forms and theories.
- UNIT-4** Social Change Meaning and type evolution and progress factors of social change.
- UNIT-5** Introduction to applied Sociology and Social Policy and action - Sociology and development, Sociology and professions.

#### ESSENTIAL READINGS :-

- 1 Bottomore T. B., Sociology - A guide to Problems and Literature, Bombay. George Allen and Unwin (India) 1972.
- 2 Inkeles, Alex, What is sociology ? New Delhi, Prentice Hall of India 1987.
- 3 Jayram, N., Introductory Sociology, Madras Macmillan India 1988.
- 4 Johnson Harry M., Sociology of systematic Introduction New Delhi Allied Publishers 1995.

### PAPER - II

#### FOUNDATIONS OF SOCIOLOGICAL THOUGHT

M.M. : 75

(Paper Code-0116)

- UNIT-1** The Pioneers : emergence of Sociology.  
Comte : Positivism - Spencer - Social Darwinism, Superorganic evolution
- UNIT-2** The Classical tradition Durkheim - Social Solidarity and Suicide. Weber authority and the protestant Ethic and the spirit of capitalism.
- UNIT-3** Marx : Materialist Conception of history and class struggle.
- UNIT-4** Pareto : Circulation of elites and logical and nonlogical action.
- UNIT-5** Development of Sociological thought in India :-  
Mahatma Gandhi Ahimsa, Satya Grah,  
Radha Kamal Mukerjee - The Concept of value.

#### ESSENTIAL READINGS -

- Barres H.E. : Introduction to the history of sociology Chicago the university of Chicago press 1959.
- Coser Lewis A : Master of sociological thought New York Harcourt Brace Jovanovich 1979.
- Singh, Yogendra - Indian sociology - social conditioning and emerging trends. New Delhi Vistaar 1986.
- Zeitlin, Irving - (Indian edition) Rethinking sociology : A critique of contemporary theory Jarpur Rawal 1998.

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## राजनीति विज्ञान

### प्रथम प्रश्न पत्र

## राजनीति सिद्धांत

( पेपर कोड-0113 )

पूर्णांक 75

**इकाई-1 राजनीति विज्ञान** - परिभाषा प्रकृति, क्षेत्र, अध्ययन पद्धतियाँ, परम्परागत और व्यवहार परक स्वरूप । राजनीतिक सिद्धांत, महत्व ।

**सत्ता एवं प्राधिकार** - अर्थ, परिभाषा, विशेषताएँ एवं संबंध ।

**इकाई-2 राज्य** - अर्थ, आवश्यक तत्व, राज्य की उत्पत्ति के विभिन्न सिद्धांत ।

**राज्य** - एक प्रभावी परिपेक्ष्य में ।

**इकाई-3 सम्प्रभुता**, अर्थ, विशेषताएँ, सिद्धांत, महत्व ।

**नागरिकता, अधिकार, स्वतंत्रता** - अर्थ, परिभाषा, विशेषताएँ एवं सिद्धांत ।

**इकाई-4 समानता एवं न्याय** - अर्थ, परिभाषा, विशेषताएँ, संबंध ।

**लोकतंत्र** - अर्थ, परिभाषा, विशेषताएँ, आवश्यक परिस्थितियाँ । लोकतंत्र को चुनौतियाँ ।

**इकाई-5 विकास एवं कल्याणकारी राज्य** - अवधारणा, विशेषताएँ, कार्य, उपलब्धियाँ, चुनौतियाँ ।

**सामाजिक परिवर्तन के सिद्धांत** - अर्थ, परिभाषा, विशेषताएँ

### अनुगंसित पुस्तकें-

1. जी. एन. सिंह - फंडामे. प्लस ऑफ पोलिटिकल साइंस एन्ड आर्गेनाइजेशन ।
2. डी. हेल्ड - मॉडल्स आफ डेमोक्रेसी पोलिटिकल थ्योरी एवं मार्टन ट्रेड
3. आगी वार्डम ई. - पोलिटिकल थ्योरी ।
4. डी. मिलर - सोशल जस्टिस, सिटीजनशिप एन्ड नेशनल आइडेन्टिटीज
5. एस. एम. ओकिन - जस्टिस जेंडर एन्ड दी फैमली
6. हरिहर राय एवं सिंह - राजनीति शास्त्र के नये आयाम
7. डॉ. बाबूलाल फाड़िया - राजनीति शास्त्र के सिद्धांत
8. डॉ. ओम नागपाल - राजनीति विज्ञान के मूल तत्व ।
9. डॉ. बी. आर. पुरोहित - राजनीति शास्त्र के मूल सिद्धांत ।
10. एस. गया ग्वाली - पोलिटिकल थ्योरी आइडियाज एन्ड कांसेप्ट

### द्वितीय प्रश्न पत्र

## राज्य शासन एवं राजनीति

अंक 75

( पेपर कोड-0114 )

**इकाई-1 भारतीय संविधान का निर्माण एवं इसके स्रोत** - भारतीय संविधान की आधार भूत विशेषताएँ, प्रस्तावना ।  
मूल अधिकार, मौलिक कर्तव्य एवं राज्य के नीति निर्देशक तत्व

**इकाई-2 केन्द्रीय शासन** - राष्ट्रपति, संसद, मंत्री मंडल एवं प्रधान मंत्री, गठन, नियुक्ति, अधिकार, शक्तियाँ एवं वास्तविक स्थिति ।

**इकाई-3 राज्य शासन** - राज्यपाल, मंत्री परिषद् एवं मुख्य मंत्री नियुक्ति, गठन, अधिकार, शक्तियाँ एवं वास्तविक स्थिति  
**केन्द्र राज्य संबंध** - प्रशासनिक, न्यायिक एवं आर्थिक

**इकाई-4 सर्वोच्च न्यायालय एवं संवैधानिक प्रक्रिया** ।

गठन, क्षेत्राधिकार वर्तमान परिपेक्ष्य में बदलता स्वरूप

**राजनीतिक दल** - राष्ट्रीय एवं क्षेत्रीय

अर्थ, परिभाषा, विशेषताएं एवं प्रकार

निर्वाचन आयोग एवं निर्वाचकीय सुधार

गठन, कार्य अधिकार एवं निर्वाचकीय सुधार एवं अध्ययन ।

**इकाई-5 भारतीय राजनीति के प्रमुख मुद्दे** -

जाति, धर्म, भाषा, क्षेत्र एवं गरीबी उन्मूलन ।

**अनुशंसित पुस्तकें-**

1. डी. डी. बसु - एन इंट्रोडक्शन दी कानस्टीट्यूशन आफ इंडियन
2. सी. पी. भांभरी - दी इंडियन स्टेट - 50 इयर्स
3. ग. चन्द्रा - फेडरॉज्म इन इंडिया द स्टडी ऑफ यूनियन स्टेट रिलेशन ।
4. बी. गल. पाड्डिया - स्टेट पॉलिटिक्स इन इंडिया ।
5. एस. कश्यप - अवर पार्लियामेंट ।
6. रजनी कोठारी - राज्यों की राजनीति ।
7. डी. सी. जौहरी - भारतीय शासन एवं राजनीति ।
8. जैन फाड्डिया - भारतीय शासन एवं राजनीति ।
9. वीरकेश्वर प्रसाद सिंह - भारतीय शासन ।
10. वी. कुप्पुगयाकी - सोशल चेंज इन इंडिया ।
11. इकबाल नारायण - स्टेट पॉलिटिक्स इन इंडिया ।

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## MUSIC

- Note :** 1. B. A. (General) three year degree course with the relative weight of practical and theory being in the proportion 50 and 50 respectively (Model curriculum, page No.21A) courses. Hence the Central Board of Studies divide the ratio as :-
- Ist paper 40 marks (written or Theory) Revised as 50  
2ad paper 40 mars (written or Theory) Revised as 50  
practical of 10 marks from which 10 marks are for the intcmal sossional work.  
B.A. General (as one of the optional objccts).  
Hindustain Music (Vocal +Instrumental..)

### THEORY

#### PAPER - I

M.M. : 50

(Paper Code-0131)

1. Definition and Illustrations :- Naad, Shruti, Swara, Saptak, Purvang, Uttarang, Vadi, Samvadi, Vivadi, Anuvadi, Alankar, That, Mind, Soota, Bol, Alap, Tan, Tihai, pakad.
2. General knowledge of the Musical Styles:-  
Dhrupad, Dhamar, khyal, Thumari, Tarana, Tappa, Hori, Chaturang, Geet, bhaion, Ghazal,
3. General Knowldege of the biographies and the contributions of the following Musicians:-  
Ameer khusroi, Swami Haridas, Tansen, Nayak Baiju, Nayak Gopal, Tyagraja.
4. Merits and Demerits of Musicians according to the Shastras.
5. Study of the Theoretical details of prescribed Ragas for Practical Course as follows :- Yaman, Bhupali, Allhaiya Bilawal, Bhairav, Kafi, Khamaj, Brindavani - sarang, Durga (Bilawal That).

### THEORY

#### PAPER - II

M.M. : 50

(Paper Code-0132)

1. Hindustani Music and Kamataka Music, short history, similarities and Differences.
2. Study of Natation Systems - Pt. Bhatkhande and Pt. Paluskar.
3. Time Theory of the Ragas, Purva Raga, Utlar Raga, Sandhi Prakash Raga,
4. Fomation of Ragas, Sampurna, Shadav, Audawa, Jati, That or Mel Theory.
5. Definition of Tala, Matra, Avartan, Bol, Vibhag, Khali, Bhari, Vilambit, Madhya and Drutlaya Writing of the Talas in Notation with Dugan



## PRACTICAL

M.M. : 50

- 1 Alankar (Palta)
- 2 Study of the following Ragas :- Yaman, Bhupali, Alahaiya Bilawal, Bhairav, Kafi, Khamaj, Brindavani Sarang, Durga (Bilawal That)
- 3 Two Vilambit Khyalas or Masitkhani Gat in any two of the above mentioned Ragas.
- 4 Madhya Laya Khyalas or Razakhani Gat with Alap, Tan, Tora Jhala, in any five of the above Ragas.
- 5 Lakshan Geet, Saragam Geet in all the above Ragas.
- 6 Ability to demonstrate (orally by giving Tali and Khali of on hand) Talas Prescribed in course as follows :- Dadra, Kaharva, Teen Tal, Ektal, Chautal, Jhaptal.
- 7 One Dhrupad or Dhamar / one Gat other than teen Tal (Composition only)
- 8 One Bhajan, Ghazal, Geet, Patrioteec song and prayer.

### INTERNAL SCSSIONAL WORK -

- 1 Ten Descriptions of Music Programmes (Radio and T. V. personally atlondeed)

### RECOMMENDED BOOK -

- 1 Kramik Pustak Malika (Part I to Part IV) By pt. V.N. Bhatkhande.
- 2 Sangitanjali Part I to VI By Pt. Onkar Nath Thakur.
- 3 Sangeet Visharad (Hathras) By Vasant
- 4 Sangeet Bodh, By Dr. Sarad Cahndra Paranjape
- 5 Dhawani aur Sangeet, by Prof. L. K. Sing
- 6 Tan Malika, by Raja Bhaiya Pooovale
- 7 Hamare Sangeet Ratna, by Lakshmi Narayan Garg.
- 8 Rag Parichaya Part I to IV By Harish Chandra Shrivastava
- 9 All Journals and Magazenes of Music
10. Sitar Malika, (Hathra)
11. Tabla Vigyan, by Dr. Lalmani Misra
12. Swar aur Ragon ke Vikas me Vadyon ka Yogdan, By Prof. Indrani Chakrawarty.
13. Sangeet Manjusha By Prof. Indrani Chakrawarty.
14. Music - its methods and technique and teaching in Higher Education.  
By Prof. Indrani Chakrawarty.
15. Sangeetanjali Part I to V By Pt. Ramashraya Jha.

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**MANAGEMENT**  
**Paper - I**  
**PRINCIPLE OF MANAGEMENT**  
(Paper Code-0135)

**Time : 3 Hours**

**Max. Marks : 75**

- UNIT-I** Evolution of Modern Industrial Organisation and Management Thought.  
Industrial Revolution - Impact on society  
Contribution - Frederic Winslow Taylor Eiton Moyo  
- Douglas Mc. Gregor  
The nature and scope of Management process definition of Management and Management process important characteristics of the process. The eight prepositions for effective organisation Philosophy, Urwick's Ten Principles, Different Schools of Thought.
- UNIT-II** Coordination - Definition and Meaning, Need and importance principles and Techni-ques.  
Planning - Definition, Nature and purpose nature and process of forecasting.  
Basic objective & - Objectives long and short range criteria of sound objectives.  
Types of Plan - Types of Plans Decision making Meaning and basis for selecting alternatives.  
- Strategies : Policies and Procedure.  
- Qualities of Planning Process.
- ORGANISATION**
- UNIT-III** Nature, Importance, Components of Organisation,  
Departmentation - Methods.  
Span of Control - Wide and Narrow Spans.  
Authority - Line and Staff, Decentralization, delegation, types of staff authority, factors determining the degree of decentralization.  
Staffing : Nature and Importance.  
Factors determining the selection of Managerial personnel.  
Management Appraisals.  
Development and Training of Managers.
- UNIT-IV** Deirection : Nature and importance of Communication.  
Methods of building a communication net work.  
Personal communication and use of orders.  
Changing patterns of supervisory responsibility.  
Factors of effective supervision  
Selection and training of supervisors.  
T.W.I. Programmes.  
Nature and Importance of discipline.  
Causes of Indiscipline.  
Means of effective discipline.
- UNIT-V** Basic steeps in control process.  
Importance of Control.

Requirements for an effective control.  
Purpose of Budgeting.  
Types of budgets.  
Elements of costs and types of costing.  
Role of cost accounting.

**BOOKS RECOMMENDED :**

- 1 Koontz, Harold : Principles of Management
- 2 Chatterjee, S. S. : An Introduction to Management
- 3 Kast, Fremont E. : Organisation Management
- 4 Asthena G. P. : The Ground Work of Management.
- 5 डॉ. गुप्ता : व्यवसाय प्रशासन एवं प्रबंध
- 6 डॉ. आर.सी. सक्सेना : व्यवसाय प्रशासन एवं प्रबंध
- 7 Dr. K. N. Dinesh : Structure of Medium Scale Industries.

**Paper-II**

**COMMERCIAL ACCOUNTANCY**

(Paper Code-0136)

**Max. Marks : 75**

- UNIT-1** Definition and objects of book-keeping, principle of Double Entry, its objects and advantages.  
Journal Simple journal entries, compound journal entries rules for recording journal.
- UNIT-2** Ledger & ledger account, positing of journal entries, types of ledger accounts  
Balancing of ledger accounts Cash book: Cash book with cash and discount columns  
three column or cash book, petty cash book.
- UNIT-3** Bank reconciliation statement.  
Bill Transaction.  
Endorsement of Bill  
Dishonourment of Bill  
Accommodation Bill
- UNIT-4** 1 Trial Balance.  
2 Rectification of errors  
3 Capital and revenue expenditure.
- UNIT-5** Final Accounts :  
1 Manufacturing accounts trading  
2 Profit and loss account  
3 Balance Sheet.

**BOOKS RECOMMENDED :**

- 1 M.M. Shah : Double entry Book keeping
- 2 R.R. Gupta : Book keeping & Accounts.
- 3 T.S. Grewal : Introduction to accountancy.
- 4 Juneja, Chawla & Saksena : Elementary Book-keeping.
- 5 Karim & Khanuja : Financial Accounting

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**ANTHROPOLOGY**  
**PAPER - I**  
**FOUNDATION OF ANTHROPOLOGY**  
**(Paper Code-0141)**

**M. M. 50**

- UNIT-1** Meaning and scope of Anthropology, History of Anthropology Branches of Anthropology.  
(a) Sociocultural Anthropology;  
(b) Physical-Biological Anthropology;  
(c) Archaeological Anthropology;  
(d) Linguistic Anthropology.
- UNIT-2** Relationship with other disciplines : Life sciences, Earth sciences, Medical Sciences, Social Sciences, Humanities, Environment Sciences.
- UNIT-3** Foundation in Biological Anthropology.  
(a) Human Evolution  
(b) Human Variation  
(c) Human Genetics  
(d) Human Growth and Development.
- UNIT-4** Fundamentals in Social-Cultural Anthropology.  
(a) Culture, Society, Community, Group, Institution.  
(b) Human Institution : Family, Marriage, Kinship Religion.  
(c) Development and change.  
(d) Research Methods : Tools and Techniques
- UNIT-5** Fundamentals in Archaeological Anthropology.  
(a) Tool typology & Technology.  
(b) Cultural evolution : Broad outlines of cultures.  
(c) Chronology.

**PAPER - II**  
**INTRODUCTION TO PHYSICAL ANTHROPOLOGY**  
**(Paper Code-0142)**

- UNIT-1** Theories of organic evolution, synthetic theory of evolution.
- UNIT-2** Position of Man in animal kingdom : comparative anatomy of Man and Apes.
- UNIT-3** Fossil evidence of human evolution, origin of tool making and their evolution.
- UNIT-4** Concept of race, Genetic basis of Race, UNESCO Statement on RACE-Ethnic Group population, Racial classification of human populations.
- UNIT-5** Human Genetics, Mendelian principles, Genetic markers, DNA.

**PAPER - III**

**ANTHROPOLOGY PRACTICAL**

- I Identification of long bones and Girdles :  
Sketching and labelling
- II Craniometry :
- |                               |                                  |
|-------------------------------|----------------------------------|
| (i) Maximum Cranial length    | (ii) Maximum Cranial breadth     |
| (iii) Minimum frontal Breadth | (iv) Bizygomatic Breadth         |
| (v) Nasal Height              | (vi) Nasal Breadth               |
| (vii) Basion Bregmatic Height | (viii) Bimaxillary Breadth       |
| (ix) Biometrical Breadth      | (x) Length of occipital foramen. |
- III Somatometry :
- |                               |                                    |
|-------------------------------|------------------------------------|
| (i) Max. Head Length          | (ii) Max. Head Breadth             |
| (iii) Minimum Frontal Breadth | (iv) Nasal Length                  |
| (v) Nasal Breadth             | (vi) Height Vertex                 |
| (vii) Height Acromion         | (viii) Morphological Facial length |
| (ix) Bigonial Breadth         | (x) Bizygomatic Breadth.           |
- (xi) Somatoscopic Observations :-  
(i) Skin (ii) Eye (iii) Nose (iv) Forehead.

**PRACTICAL SCHEME**

**M.M. - 50**

1	Algae / Fungi - material .....	06
2	Bayophyta / pteridophyla material .....	06
3	Disease Symptoms (path) / Gram's staining .....	03
4	Cytology / Genetics .....	15
5	Spols - (1-5) .....	10
6	Viva voce .....	05
7	Sessional .....	05

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## MATHEMATICS

- NOTE :**
- 1 The model curriculum proposed by UGC was discussed in the meeting and it was resolved that the proposed syllabus for B.Sc. Part I supplied by U.G.C. be recommended as syllabus for Exam 2003 of B.A./B.Sc. Part I in all the Universities/Colleges of Chhattigarh.
  - 2 The UGC syllabus has been divided in to 5 units...

## MATHEMATICS

### PAPER - I

#### ALGEBRA AND TRIGONOMETRY (Paper Code-0145)

M.M. - 50

#### ALGEBRA :

- UNIT-1** Mappings. Equivalence relations and partitions. Congruence modular symmetric, Skew symmetric, Hermitian and skew, Hermitian matrices. Elementary Matrices Operations on inverse of a matrix. Linear independence of row and column matrices. Row rank, column rank and rank of a matrix. Equivalence of column and row ranks.
- UNIT-2** Eigenvalues, eigenvectors and the characteristic equation of a matrix. Cayley Hamilton theorem and its use in finding inverse of a matrix. Applications of matrices to a system of linear (both homogenous and non-homogeneous) equations. Theorems on consistency of a system of linear equations.
- UNIT-3** Relations between the roots and coefficients of general polynomial equation in one variable. Transformation of equations. Descartes's rule of signs. Solution of cubic equations (Cardan method). Biquadratic equations.
- UNIT-4** Definition of a group with examples and simple properties. Subgroups. Generation of groups. Cyclic groups. Coset decomposition. Lagrange's theorem and its consequences. Fermat's and Euler's theorems. Homomorphism and Isomorphism. Normal subgroups. Quotient groups. The fundamental theorem of homomorphism. Permutation groups. Even and odd permutations. The alternating groups  $A_n$ . Cayley's theorem. Introduction to rings, subrings, integral domains and fields. Characteristic of a ring.

#### TRIGONOMETRY :

- UNIT-5** De Moivre's theorem and its applications. Direct, inverse circular and hyperbolic functions. Logarithm of a complex quantity. Expansion of trigonometrical functions. Gregory's series. Summation of series.

#### TEXT BOOKS :

- 1 I.N. Herstein, Topics in Algebra, Wiley Eastern Ltd., New Delhi, 1975.
- 2 K.B. Datta, Matrix and Linear Algebra, Prentice Hall of India Pvt. Ltd. New Delhi, 2000.
- 3 Chandrika Prasad, Text-book on Algebra and Theory of Equations, Pothishala Private Ltd., Allahabad.
- 4 S.L. Loney, Plane Trigonometry Part-II, Macmillan and Company, London.

#### REFERENCES :

- 1 I.N. Herstein, Topics in Algebra, Wiley Eastern Ltd., New Delhi, 1975.
- 2 K.B. Datta, Matrix and Linear Algebra, Prentice Hall of India Pvt. Ltd. New Delhi, 2000.
- 3 P.B. Bhattacharya, S.K. Jain and S.R. Nagpaul, first course in Linear Algebra, Wiley Eastern, New Delhi, 1983.
- 4 P.B. Bhattacharya, S.K. Jain and S.R. Nagpaul, Basic Abstract Algebra (2<sup>nd</sup> Edition), Cambridge University press, Indian Edition, 1997.

- 5 S.K. Jain, A. Gunawardena and P.B. Bhattachasrya, Basic Linear Algebra with MATLAB, Key college publishing (Springer-Verlag), 2001.
- 6 H.S. Hall and S.R. Knight, Higher Algebra, H.M. publications, 1994.
- 7 Chandrika Prasad, Text-Book on Algebra and Theory of Equations, Pothishala Private Ltd., Allahabad.
- 8 S.L. Loney, plane Trigonometry Part-II, Macmillan and Company, London.
- 9 R.S. Verma and K.S. Shukla, Text Book on Trigonometry, Pothishala Pvt. Ltd., Allahabad.

## PAPER - II

### CALCULUS (Paper Code-0146)

#### DIFFERENTIAL CALCULUS-

Max. Marks : 50

**UNIT-1** definition of the limit of a function. Basic properties of limits. Continuous functions and classification of discontinuities. Differentiability. Successive differentiation. Leibnitz theorem. Maclaurin and Taylor series expansions.

**UNIT-2** Asymptotes. Curvature. Tests for concavity and convexity. Points of inflexion. Multiple points. Tracing of curves in Cartesian and polar coordinates.

#### INTEGRAL CALCULUS-

**UNIT-3** Integration of irrational algebraic functions and transcendental functions. Reduction formulae. Definite integrals. Quadrature. Rectification. Volumes and surfaces of solids of revolution.

#### ORDINARY DIFFERENTIAL EQUATIONS-

**UNIT-4** Degree and order of a differential equation. Equations of first order and first degree. Equations in which the variables are separable. Homogeneous equations. Linear equations and equations reducible to the linear form. Exact differential equations. First order higher degree equations solvable for  $x$ ,  $y$ ,  $p$ . Clairaut's form and singular solutions. Geometrical meaning of a differential equation. Orthogonal trajectories. Linear differential equations with constant coefficients. Homogeneous linear ordinary differential equations.

**UNIT-5** Linear differential equations of second order. Transformation of the equation by changing the dependent variable / the independent variable. Method of variation of parameters. Ordinary simultaneous differential equations.

#### TEXT BOOKS :

- 1 Gorakh Prasad, Differential Calculus, Pothishala Private Ltd. Allahabad.
- 2 Gorakh Prasad, Integral Calculus, Pothishala Private Ltd., Allahabad.
- 3 D. A. Murray, Introductory Course in Differential Equations, Orient Longman (India), 1967.

#### REFERENCES :

- 1 Gabriel Klambauer, Mathematical Analysis, Marcel Dekkar, Inc. New York, 1975.
- 2 Murray R. Spiegel, Theory and Problems of Advanced Calculus, Schaum's outline series, Schaum Publishing Co. New York.
- 3 N. Piskunov, Differential and Integral Calculus, Peace Publishers, Moscow.
- 4 P. K. Jain and S. K. Kaushik, An Introduction to Real Analysis, S. Chand & Co. New Delhi, 2000.
- 5 Gorakh Prasad, Differential Calculus, Pothishala Private Ltd. Allahabad.
- 6 Gorakh Prasad, Integral Calculus, Pothishala Private Ltd., Allahabad.
- 7 D. A. Murray, Introductory Course in Differential Equations, Orient Longman (India), 1967.
- 8 G. F. Simmons, Differential Equations, Tata McGraw Hill, 1972.

- 9 E. A. Codrington, An Introduction to ordinary differential Equations, Prentice Hall of India, 1961.
10. H. T. H. Piaggio, Elementary Treatise on Differential Equations and their Applications, C.B.S. Publisher & Distributors, Delhi, 1985.
11. W. E. Boyce and P.O. DiPrima, Elementary Differential Equations and Boundary Value Problems, John Wiley, 1986.
12. Erwin Kreyszig, Advanced Engineering Mathematics, John Wiley and Sons, 1999.

### PAPER III

#### VECTOR ANALYSIS AND GEOMETRY (Paper Code-0147)

#### VECTOR ANALYSIS-

M.M. - 50

**UNIT-1** Scalar and vector product of three vectors. Product of four vectors. Reciprocal Vectors. Vector differentiation. Gradient, divergence and curl.

**UNIT-2** Vector integraton. Theorems of Gauss, Green, Stokes and problems based on these.

#### GEOMETRY -

**UNIT-3** General equation of second degree. Tracing of conics. System of conics. Confocal conics. Polar equation of a conic.

**UNIT-4** Plane. The Straight line and the plane. Sphere, Cone and Cylinder.

**UNIT-5** Central conicoids. Paraboloids. Plane Sections of Conicoids. Generating lines. Confocal Conicoids. Reduction of Second degree equations.

#### TEXT BOOKS :

- 1 N. Saran and S. N. Nigam, Introduction to Vector Analysis, Pothishala Pvt. Ltd., Allahabad.
- 2 Gorakh Prasad and H. C. Gupta, Text Book on Coordinate Geometry, Pothishala Pvt. Ltd. Allahabad.
- 3 R.J.T. Bill, Elementary Treatise on Coordinate Geometry of Three Dimensions, Macmillan India Ltd., 1994.

#### REFERENCES :

- 1 Murray R. Spiegel, Theory and Problems of Advanced Calculus, Schaum Publishing Company, New York.
- 2 Murray R. Spiegel, Vector Analysis, Schaum Publishing Company, New York.
- 3 N. Saran and S. N. Nigam, Introduction to Vector Analysis, Pothishala Pvt. Ltd., Allahabad.
- 4 Erwin Kreyszig, Advanced Engineering Mathematics, John Wiley & Sons, 1999.
- 5 Shanti Narayan, A Text Book of Vector Calculus, S. Chand & Co., New Delhi.
- 6 S. L. Loney, The Elements of Coordinate Geometry, Macmillan and Company, London.
- 7 Gorakh Prasad and H. C. Gupta, Text Book on Coordinate Geometry, Pothishala Pvt. Ltd., Allahabad.
- 8 R. J. T. Bill, Elementary Treatise on Coordinate Geometry of Three Dimensions, Macmillan India Ltd., 1994.
- 9 P. K. Jain and Khalil Ahmad, A Text Book of Analytical Geometry of Two Dimensions, Wiley Eastern Ltd. 1994.
10. P. K. Jain and Khalil Ahmad, A Text Book of Analytical Geometry of Three Dimensions, Wiley Eastern Ltd., 1999.
11. N. Saran and R. S. Gupta, Analytical Geometry of Three Dimensions, Pothishala Pvt. Ltd. Allahabad.

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## भाषाविज्ञान

### प्रथम प्रश्न-पत्र

#### भाषा की प्रकृति ( पेपर कोड-0107 )

1. भाषा - मानव एवं मानवेतर संप्रेषण, परिभाषा, विशेषताएँ, भाषा विज्ञान की उपयोगिता, भाषा विज्ञान की विभिन्न शाखाएँ, भाषाविज्ञान का अन्य विषयों के साथ संबंध ।
2. भाषा सीखने की प्रक्रिया - मौखिक एवं लिखित भाषा के विविध रूप, भाषा बोली में अंतर, बोली के भाषा बन जाने के कारण, भाषाई परिवर्तन के प्रकार एवं कारण ।
3. मनोभाषाविज्ञान - भाषा एवं मस्तिष्क, मस्तिष्क में भाषा के अवयव, स्थानीयकरण, भाषिक व्यतिक्रम अस्पष्टार्थकता, अनेकार्थकता ।
4. भाषा एवं विचार - भाषा - सामर्थ्य एवं भाषा-व्यवहार, सहजात परिकल्पना, निश्चयवाद - अनुभववाद ।
5. हिन्दी भाषा का उद्भव और विकास, हिन्दी की उपभाषाएँ तथा विविध बोलियाँ, छत्तीसगढ़ी की विशेषताएँ ।

#### निर्धारित पुस्तकें -

1. सैद्धांतिक भाषाविज्ञान - जे. लियांस ( अनवाद - सत्यकाम वर्मा)
2. सामान्य भाषाविज्ञान - रॉबिंस
3. सामान्य भाषाविज्ञान - बाबूराम सक्सेना
4. भाषाविज्ञान - भोलानाथ तिवारी
5. भाषा, विचार और वास्तविकता - बेंजामिन ली होर्फ
6. भाषाविज्ञान - राजमल बोर
7. भाषा विज्ञान सैद्धांतिक चिंतन - रविन्द्रनाथ श्रीवास्तव
8. Philosophy of Language - S. Chopman, Routledge, London.
9. An Introduction to Language and Communication - A. Akrajan (etal.)  
Mit Press Massachusatts, 1990/1996 (Indian  
Repoint, Prentice Hall, 1996)

#### द्वितीय प्रश्न पत्र

#### ध्वनि और शब्द अभिरचना ( पेपर कोड-0108 )

1. ध्वनिविज्ञान - स्वरूप एवं शाखाएँ, वाग्यंत्र की संरचना एवं कार्य, स्वर तथा व्यंजन की परिभाषा एवं अंतर ।
2. स्वर - वर्गीकरण के विभिन्न आधार, मान स्वर - त्रिकोण, प्रधान एवं गौण मान स्वर संध्यक्षर ( संयुक्त स्वर)
3. व्यंजन - वर्गीकरण के विभिन्न आधार, संयुक्त व्यंजन, अंतर्राष्ट्रीय ध्वन्मात्मक प्रतिलिपि चिह्न ( आई.पी.ए.)
4. अक्षर एवं ध्वनिगुण - मात्रा, बलाघात, सुर अनुतान ( सुर लहर), संगम, व्यतिरेकी वितरण, परिपूरक वितरण सह स्वनों का निर्धारण ।
5. शब्द परिभाषा, वर्गीकरण, हिन्दी में आगत शब्दावली, शब्द समूह में परिवर्तन - कारण एवं दिशाएँ ( प्रकार) ।

#### निर्धारित पुस्तकें -

1. ध्वनिविज्ञान - गोलोक बिहारी धल
2. स्वनविज्ञान - चतुर्भुज सहाय
3. भाषाविज्ञान - भोलानाथ तिवारी
4. शब्दों का अध्ययन - भोलानाथ तिवारी
5. हिन्दी का नवीनतम बीज-व्याकरण - रमेश चंद्र महरोत्रा एवं चित्तरंजन कर
6. Linguistics : An Introduction - A. Rad ford (et al.), Cambridge University Press, 1999.
7. A Course in Phonetics - P. Lodefoged, Hordcourt Brace Jovanovict New York, 1993.

## विषय - नृत्य ( भरत नाट्यम )

बी.ए. भाग (1) के लिये इस विषय में प्रायोगिक और सैद्धांतिक दो भाग होंगे । प्रायोगिक 50 अंक तथा सैद्धांतिक 100 अंक का होगा, जिस हेतु 50 अंक के दो प्रश्न पत्र होंगे । प्रत्येक वर्ष के पूर्णांक कुल मिलाकर 150 अंक के होंगे ।

क्र.	विवरण	पूर्णांक	उत्तीर्णांक
1.	सैद्धांतिक प्रश्न पत्र : प्रथम	50	17
2.	सैद्धांतिक प्रश्न पत्र : द्वितीय	50	17
3.	प्रायोगिक	50	17
	योग-	150	51

### प्रथम प्रश्न पत्र

( पेपर कोड-0152 )

1. नृत्य का इतिहास - सिन्धु सभ्यता, वैदिक काल, रामायण एवं महाभारत काल ।
2. पुराणों के आधार पर उमाशंकर की विभिन्न नृत्य संबंधी कथायें ।
3. नटवर श्री कृष्ण की नृत्य संबंधी कथायें ।
4. नाट्य की उत्पत्ति कथा ( भरत नाट्य शास्त्र के प्रथम अध्याय में वर्णित)
5. लोकधर्मी नाट्य परम्परा - निम्नांकित लोकधर्मी नाट्य परम्पराओं में किन्हीं दो की संक्षिप्त जानकारी -  
(1) रामलीला (2) रासलीला (3) भवाई  
(4) राई (5) माच

### द्वितीय प्रश्न पत्र

( पेपर कोड-0153 )

1. ताल की प्रारंभिक जानकारी - (1) ताल की व्याख्या, (2) लय - विलंबित, मध्य, द्रुत ।
2. छत्तीसगढ़ के दो लोग नृत्यों का सामान्य परिचय - ( पर्व एवं त्यौहारों के आधार पर )  
(1) करमा, (2) ददरिया, (3) सुवा, (4) रीना ।
3. संगीत की व्याख्या और नृत्य का उसमें स्थान ।
4. नृत्य के अभ्यास से शारीरिक एवं मानसिक लाभ ।
5. भारतीय नाट्य परम्परा में गुरुवंदना का महत्व ।

### प्रायोगिक

1. मौखिक मुद्रा प्रदर्शन - ( अभिषेक दर्पणम् के अनुसार )  
(1) शिवस्तुति (2) शिरोभेद (3) ग्रीवाभेद  
(3) नेत्र संचालन (5) असंयुक्त हस्तमुद्रा (6) संयुक्त हस्तमुद्रा
2. कार्यक्रम विभाग -  
(1) शारीरिक अभ्यास (2) अङ्क-05 अंग संचालन (पाद संचालन + हस्त संचालन) तीन काल में  
(3) पूजा नृत्य (4) अलारिपु ( तिस्रजाति ) ।

# सांख्यिकी

## PAPER - I

### PROBABILITY THEORY

(Paper Code-0148)

- UNIT-I** Important Concepts in Probability : Definition of probability - classical and relative frequency approach to probability, Richard Von Mises, Cramer and Kolmogorov's approaches to probability, merits and demerits of these approaches (only general ideas to be given).
- UNIT-II** Random Experiment : Trial, Sample point and sample space, definition of an event, operation of events, mutually exclusive and exhaustive events. Discrete sample space, properties of probability based on axiomatic approach, conditional probability, independence of events, Bayes' theorem and its applications.
- UNIT-III** Random Variables : Definition of discrete random variables, probability mass function, idea of continuous random variable, probability density function, illustrations of random variables and its properties, expectation of a random variable and its properties - moments, measures of location, dispersion, skewness and kurtosis, probability generating function (if it exists), their properties and uses.
- UNIT-IV** Standard univariate discrete distributions and their properties : Discrete Uniform, Binomial, Poisson, Hypergeometric and Negative Binomial distributions.
- UNIT-V** Continuous univariate distributions - uniform, normal, Cauchy, Laplace, Exponential, Chi-Square, Gamma and Beta distributions. Bivariate normal distribution (including marginal and conditional distributions).  
Chebyshev's inequality and applications, statements and applications of weak law of large numbers and central limit theorems.

#### REFERENCES :

- Bhat B. R, Srivenkatramana T and Rao Madhava K. S. (1997) : Statistics : A Beginner's Text, Vol. II, New Age International (P) Ltd.
- Edward P.J., Ford J. S. and Lin (1994) : Probability for Statistical Decision-Making, Prentice Hall.
- Goon A. M., Gupta M. K., Das Gupta. B. (1999) : Fundamentals of Statistics, Vol. I, World Press, Calcutta.
- Mood A. M, Graybill F. A. and Boes D.C. (1994) : Introduction to the Theory of Statistics, McGraw Hill.

#### ADDITIONAL REFERENCES :

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

**PAPER - II**  
**DESCRIPTIVE STATISTICS**  
**(Paper Code-0149)**

- UNIT-I** Types of Data : Concepts of a statistical population and sample from a population; qualitative and quantitative data; nominal and ordinal data; cross sectional and time series data; discrete and continuous data; frequency and non-frequency data. Different types of scales - nominal, ordinal, ratio and interval.
- Collection and Scrutiny of Data : Primary data - designing a questionnaire and a schedule; checking their consistency. Secondary data - its major sources including some government publications. Complete enumeration, controlled experiments, observational studies and sample surveys. Scrutiny of data for internal consistency and detection of errors of recording. Ideas of cross-validation.
- UNIT-II** Presentation of Data : Construction of tables with one or more factors of classification. Diagrammatic and graphical representation of grouped data. Frequency distributions, cumulative frequency distributions and their graphical representation, histogram, frequency polygon and ogives. Stem and leaf chart. Box plot.
- UNIT-III** Analysis of Quantitative data : Univariate data, Concepts of central tendency or location, dispersion and relative dispersion, skewness and kurtosis, and their measures including those based on quantiles and moments. Sheppard's corrections for moments for grouped data (without derivation).
- UNIT-IV** Bivariate Data : Scatter diagram. Product moment correlation coefficient and its properties. Coefficient of determination. Correlation ratio. Concepts of error in regression. Principle of least squares. Fitting of linear regression and related results. Fitting of curves reducible to polynomials by transformation. Rank correlation – Spearman's and Kendall's measures.
- UNIT-V** Multivariate data : Multiple regression, multiple correlation and partial correlation in three variables. Their measures and related results.
- Analysis of Categorical Data : Consistency of categorical data. Independence and association of attributes. Various measures of association for two way and three way classified data.

**REFERENCES :**

- Bhat B. R. Srivenkairamana T and Rao Madhava K.S. (1996); Statistics : A Beginner's Text Vol. I, New Age Infemational (P) Ltd.
- Croxtion F. R. Cowden D. J. and Kelin S (1973) : Applied General Statistics, Prentice Hall of India.
- Goon A. M. Gupta M. K., Das Gupta. B. (1991) : Fundamentals of Statistics, Vol. I, World Press, Calcutta.

**ADDITIONAL REFERENCES :**

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

Mood A.M, Graybill F. A. And Boes D. C. (1974) : Introduction to the theory of Statistics, McGraw Hill.

Snedecor G. W. and Cochran W. G. (1967) : Statistical Methods. Iowa State University Press.

Spiegel, M. R. (1967) : Theory & Problems of Statistics, Schaum's Publishing Series.

### **PRACTICAL**

- 1 Presentation of data by Frequency tables, diagrams and graphs.
- 2 Calculation of Measures of central tendency, dispersion, skewness and kurtosis.
- 3 Product Moment Correlation and Correlation ratio.
- 4 Fitting of Curves by the least square method.
- 5 Regression of two variables.
- 6 Spearman's Rank correlation and Kendall's tau.
- 7 Multiple regression of three variables.
- 8 Multiple correlation and partial correlation.
- 9 Evaluation of Probabilities using Addition and Multiplication theorems, conditional probabilities, and Baye's theorems.
10. Exercises on mathematical expectations and finding measures of central tendency, dispersion, skewness and kurtosis of univariate probability distributions.
11. Fitting of standard univariate and continuous distributions.

- - - - -

## प्राचीन भारतीय इतिहास, संस्कृति तथा पुरातत्व

प्रथम : प्रश्न-पत्र

भारत का राजनीतिक इतिहास ( पेपर कोड-0133 )

( हड़प्पा संस्कृति से 319 ई. तक )

पूर्णांक : 75

उद्देश्य : इस पाठ्यक्रम का उद्देश्य छात्रों को संबंधिक कालखण्ड के राजनीतिक इतिहास की समुचित जानकारी देना है।

- इकाई-1 (1) प्राचीन भारतीय इतिहास के स्रोत  
(2) हड़प्पा तथा समकालीन ताम्रशम संस्कृतियाँ  
(3) वैदिक यूग
- इकाई-2 (1) महाजन पद युग  
(2) मगध साम्राज्य का उत्कर्ष
- इकाई-3 (1) सिकन्दर का आक्रमण और उसके प्रभाव  
(2) मौर्य साम्राज्य का उत्थान और उसके प्रभाव
- इकाई-4 (1) हिन्द-यूनानी  
(2) शुंग  
(3) सातवाहन  
(4) शक-क्षत्रप, पार्थियन  
(5) खार्वेल
- इकाई-5 (1) संगम युग  
(2) कुषाण  
(3) मालव, यौधेय, अर्जुनायन तथा औदुम्बर  
(4) नागवंश

सहायक ग्रंथ :

- |  |   |
|--|---|
| 1. एच. सी. रायचौधरी                            | - प्राचीन भारत का राजनीतिक इतिहास                       |
| 2. के. ए. नीलकंठ शास्त्री                      | - दक्षिण भारत का इतिहास                                 |
| 3. कृष्णदत्त बाजपेयी तथा विमलचंद्र पांडेय      | - प्राचीन भारत का इतिहास                                |
| 4. विमल चन्द्र पांडेय                          | - प्राचीन भारत का राजनीति तथा सांस्कृतिक इतिहास- भाग एक |
| 5. किरण कुमार थप्याल                           | - सैंधव सभ्यता  |
| 6. गुलाम याजदानी (संपा.)                       | - दकन का इतिहास   |
| 7. राजबली पाण्डेय                              | - प्राचीन भारत  |
| 8. H.C. Roychoudhary                           | - Political History of Ancient India                    |
| 9. R.C. Majumdar (Ed)                          | - The Age of Imperial Unity                             |
| 10. Romlia Thaper                              | - History of India                                      |
| 11. K.A. Nilkanta Shastri                      | - History of South India.                               |
| 12. व्ही.डी.झा, सुष्मिता पाण्डेय, डॉ ओम प्रकाश | - Ashoka and the declaim of Mourya empire.              |

## द्वितीय : प्रश्न-पत्र

प्राचीन भारतीय सामाजिक तथा अर्थिक संस्थाएं ( पेपर कोड-0134 ) पूर्णांक : 75

उद्देश्य : इस पाठ्यक्रम का उद्देश्य प्राचीन भारत की सामाजिक तथा अर्थिक संस्थाओं का सामान्य ज्ञान कराना है ।

- इकाई-1 (1) वर्ण एवं जाति  
(2) आश्रम व्यवस्था  
(3) पुरुषार्थ चतुष्टय  
(4) पंचमहायज्ञ

- इकाई-2 (1) संस्कार  
(2) विवाह तथा उसके प्रकार  
(3) परिवार की उत्पत्ति तथा महत्व, संयुक्त परिवार, पिता, माता तथा पुत्र की स्थिति, पुत्रों के प्रकार

- इकाई-3 (1) नारियों की स्थिति  
(2) शिक्षा-उद्देश्य, आदर्श, उपलब्धियाँ तथा प्रमुख शिक्षा केन्द्र

- इकाई-4 (1) वैदिक काल से 600 ई.पू. तक की आर्थिक दशा  
(2) श्रेणियों का संगठन और कार्य  
(3) 600 ई. पू. से 319 ई. तक की आर्थिक दशा

- इकाई-5 (1) 319 ई. से 1200 ई. तक की आर्थिक दशा  
(2) आंतरिक और बाह्य व्यापारिक मार्ग

### सहायक ग्रंथ :

- |  |   |
|--|---|
| 1. मनोरमा जौहरी                                | - प्राचीन भारतीय वर्णाश्रम व्यवस्था                       |
| 2. जयशंकर मिश्र                                | - भारत का सामाजिक इतिहास                                  |
| 3. के. सी. जैन                                 | - प्राचीन भारतीय सामाजिक तथा आर्थिक संस्थाएं              |
| 4. राजबली पांडेय                               | - हिन्दू संस्कार  |
| 5. हरिदत्त वेदालंकार                           | - हिन्दू परिवार मीमांसा                                   |
| 6. ए. एस. अल्तेकर                              | - प्राचीन भारत में नारियों की स्थिति                      |
| 7. आर. एस. शर्मा                               | - प्राचीन भारत में शूद्रों की स्थिति                      |
| 8. ए. एस. अल्तेकर                              | - प्राचीन भारतीय शिक्षण पद्धति                            |
| 9. रमेशचन्द्र मजुमदार (अनु. कृष्णदत्त बाजपेयी) | - प्राचीन भारत में संगठित जीवन                            |
| 10. मोतीचन्द्र                                 | - सार्थवाह  |
| 11. कृष्णदत्त बाजपेयी                          | - भारतीय व्यापार का इतिहास                                |
| 12. कृष्णदत्त बाजपेयी                          | - प्राचीन भारत का विदेशों में संबंध                       |
| 13. आर. एस. शर्मा                              | - पूर्व मध्यकालीन भारत में सामाजिक परिवर्तन               |
| 14. डॉ. चन्द्रदेव सिंह                         | - प्राचीन भारतीय समाज और चिन्तन                           |
| 15. सुस्मिता पाण्डेय                           | - समाज, आर्थिक व्यवस्था एवम् धर्म                         |
| 16. P.N. Prabhu                                | - Hindu Social Organization                               |
| 17. S.K. Maity                                 | - The Economic life of Northern India in the Gupta period |
| 18. L. Gopal                                   | - Economic life of Northern India                         |
| 19. D. R. Das                                  | - Economic History of the Deccan                          |
| 20. शिव स्वरूप सहसा                            | - प्राचीन भारतीय सामाजिक, आर्थिक संस्थाएँ                 |

**DEFENCE - STUDIES**  
**PAPER - I**  
**INDIAN MILITARY HISTORY**  
**(Paper Code-0143)**

**M.M. 50**

**AIM :** The main idea behind this paper is to give a conceptual background about the events and factors which influenced course of history and helped in developing the art of war in India.

**Note :** Questions will be set from each unit, There will be only internal choice.

**UNIT-1** 1 The definition and scope of Defence Studies and its relationship with other subjects.

2 Art of war of Epic and Puranic period.

3 Comparative study of Indo-Greek art of war with special reference to the Battle of Hydaspes 326 B.C.

4 Mauryan Military system and art of war.

**UNIT-2** 1 Kautilya's Philosophy of war.

2 Gupta's military system and art of war.

3 Military system of Harshavardhan.

4 Decline of Chariots and Importance of Elephant and Cavalry.

**UNIT-3** 1 Mughal military system.

2 Rajput and Turk pattern of warfare with special reference to Battle of Somnath and Battle of Tarain up to 12th century A.D.

3 Causes of the fall of Rajput Military system.

4 Army organization during Sultanate period.

5 Battle of Panipat 1526 A.D. and Battle of Haldighati 1576 A.D.

**UNIT-4** 1 Maratha Military system.

2 Warfare of Shivaji.

3 Battle of Assaye 1803 A.D.

4 Sikh Military system.

5 Battle of Sobraon 1846 A.D.

**UNIT-5** 1. 1857 Liberation Movement.

2 Reorganizations of Indian Army under the Crown.

3 Nationalization of, Indian Army after independence.

4 Military reforms of Lord Kitchner's.

**READING LIST :**

- |   |                                    |   |               |
|---|------------------------------------|---|---------------|
| 1 | Military System of Ancient India   | : | B.K. Majumdar |
| 2 | Generalship of Alexander the Great | : | J.F.C.Fuller  |
| 3 | Kautilya Arthashastra              | : | K.P. Kanbley  |
| 4 | Military history of India          | : | J.N. Sarkar   |



**PAPER - II**  
**DEFENCE MECHANISM OF THE MODERN STATE**  
**(Paper Code-0144)**

**AIM :** To enable students to appreciate the importance of higher political direction in the formulation of national defence policy and roles as political and military leadership in furthering national security.

**Note :** Question will be from each unit, there will be only internal choice.

- UNIT-1**
- 1 Evolution of National defence policy.
  - 2 Inter dependence of Foreign, Defence and Economics policies.
  - 3 Higher defence organization of U.S.A., U.K. and RUSSIA.
  - 4 Higher defence organization of CHINA, PAKISTAN and NATO.
- UNIT-2**
- 1 Higher defence organization in India.
  - 2 Powers of President and relation to Armed forces.
  - 3 Parliament and the Armed forces.
  - 4 Defence (Political affair) committee of the cabinet. Its composition, methods of working during war and peace.
  - 5 National Defence Council and its Valiant.
- UNIT-3**
- 1 Organization of Ministry of Defence.
  - 2 Organization of Army head quarter.
  - 3 Organization of Naval head quarter.
  - 4 Orgatiization of Air head quarter.
- UNIT-4**
- 1 Organization and role of Para-militaty forces - B.S.F., I.T.B.P., C.I.S.F. etc.
  - 2 Organization and role of Intelligence Agencies - RAW, CBI, CID., IB etc.
  - 3 Military Intelligence.
  - 4 Role of N.C.C. in preparing youth for Defence services.
- UNIT-5**
- 1 Organization of Civil - defence.
  - 2 Importance and role of civil defence during war and peace.
  - 3 Air-Raid signal and precaution before and after bombardment.
  - 3 Role of Indian armed forces in war and peace.

**READING LIST :**

- 1 Indian Army, A Sketch of its History & Organisation : E.H.E. Choen
- 2 Defence Organization in India : Venkateshwarm

**PRACTICAL**

**M.M. : 50**

There shall be practical examination of 3 hours duration and carrying 50 marks. The distribution of marks shall be as follows -

- 1 Exercises based on Map reading : 20 Marks
- 2 Exercises based on models : 10 Marks

3. Sessional Work and Record : 10 marks  
4. Viva-Voce : 10 marks,

**PART - A**

**ELEMENTARY MAP READING**

1. Maps- Definition, types, Marginal Information.
2. Conventional signs - Military and Geographical.
3. Direction and cardinal points.
4. Types of North, Angle of Convergence.
5. Study of Liquid compass, its parts, various tactical uses and preparation of Night navigation chart.
6. service Protractor and its uses.
7. To find North by Compass, Watch, Sun, Stars etc.
8. Bearing and interconversion of bearing.
9. Setting of Map.
10. Grid System.

**PART - B**

**RECOGNITION & ELEMENTARY STUDY OF FOLLOWING MODELS**

1. equivalent Rank and Badges of Indian Army, Navy and Air Force.
2. Famous Armoured vehicles used in war.
3. Weapons used in Infantry.
4. Various Ships of Indian Navy.
5. Famous Air-Crafts Used by Air-Force.

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## पाठ्यक्रम उर्दू निसाब

नोट : इस इम्तेहान में दो पर्चे होंगे । हर पर्चे में 75 नम्बर पर मुशतमिल होगा ।

- (1) नम्र (2) नज्म ।

### पहला पर्चा

नम्र ( पेपर कोड-0129 )

( सवानेह, खाके, इन्शाईये )

#### निसाब

##### ( 1 ) सवानेह :

1. गालिब के सवानेही हालात : “यादगारे गालिब” के मुसन्निफ अल्लाफ हुसैन हाली  
2. शिब्ली की बेनियाजी और खुद्दारी : “हयाते शिब्ली” से सैयद सुलेमान नदवी  
3. नजीर अहमद की कहानी : “कुछ मेरी, कुछ उनकी जबानी” मुसन्निफ फरहत उल्ला बेग

##### ( 2 ) खाके :

1. नामदेव माली : चन्द हम अम्र से मुसन्निफ मौलवा अब्दुल हक  
2. हकीम अजमल खाँ : “खिमालिस्तान” सज्जाद हदर यलद्रम  
3. अकबर इलाहाबादी : इन्शाएँ माजिद हिस्सा-2, मुसन्निफ अब्दुल माजिद दरयावादी  
4. जिगर साहब : “साहब” से मुसन्निफ मोहम्मद तुफैल  
5. मौलाना अब्दुल कलाम आजाद : “अब्दुल कलाम आजाद” से मुसन्निफ मुलामुस्सयदेन

##### ( 3 ) इन्शाईये :

1. तास्सुब : “मजामीने सर सैयद” सर सैयद  
2. मुझे मेरे दोस्तों से बचाओ : “खिमालिस्तान” सज्जाद हदर यलद्रम  
3. शहजादे का बाजार में घिसटना : गदरे देहली के अफसाने सुसन्निफ ख्वाजा सहन निजामी  
4. सबेरे जो कल आँख मेरी खुली : “मजामीने पितरस” अज पितरस बुखारी  
5. बरसात : निगारिस्तान अज नियाज फतहपुरी  
6. शायर होना क्या माने रखता है : अज रशीद अहमद सिद्दीकी

### पर्चा प्रथम

नोट : मुन्दरजा बाला पर्चा पाँच इकाईयों में तफसीम होगा ।

इकाई-1	1. सवाने, निगारी, खाका निगारी और इन्शाईया निगारी पर सवालात ।	15 नम्बर
	2. शामिले निसाब हसबाफ पर सवालात	15 नम्बर
	3. शामिले निसाब खाकों पर सवालात	15 नम्बर
	4. शामिले निसाब इन्शाईयों पर सवालात	15 नम्बर
	5. शामिले निसाब असबाफ सवानेही और इन्शाईयों में इक्तेबासात की तशरीह	15 नम्बर

### पर्चा द्वितीय ( शायरी )

गजलियात ( पेपर कोड-0130 )

#### निसाब :

- (1) बली : 1. याद करना हर घड़ी उस यार का  
2. शराबे शौक से सरशार हैं हम

- (2) मीर तक़ी मीर : 1. उल्टी हो गई सब तदवीरे  
2. मुँह तक़ाही करें है जिस तिस का
- (3) ग़ालिब : 1. दिल ही तो है न संगो ख़िश्त दर्द से भर न आए क्यो  
2. यह न थी हमारी किस्मत के विसाले यार होता
- (4) मौमिन : 1. अगर उसकी जरा नहीं होता  
2. ग़ैरो पे खुल न जाएँ कही राज देखना
- (5) आतिश : 1. मगर उशको फरेबे नर्गिसे मस्ताना आता है  
2. हवाएँ दौरे गए खुशगवार राह में है
- (6) दाग़ देहलवी : 1. खातिर से या खअयाल से मैं मान तो गया  
2. गाब किया तेरे बादे पे एतेवार किया
- (7) सिरज मीर ख़ाँ सैहर : 1. सोने में दिल है दिल में दाग़  
2. वक्ते जिबाह मुँह फिर फिर गया शमशीरे कातिल का
- (8) डॉ. इकबाल : 1. कभी ऐ हकीकते मुसुन्तजिर नजर आ लिबासे गजाज में  
2. फिर चरागे लाबा से रोशन हुए कोहो दमन
- (9) हसरत मौहानी : 1. रस्मे जफा कामयाब देखिये कब तक रहे  
2. हुस्ने बे परवा को कुद बीन खुद आरा कर दिया
- (10) फानी बदायूरी : 1. खल्क कहती है जिसे दिल तेरे दीवाने का  
2. दुनियाँ मैरा बला जाने मेंहगी है के सस्ती है
- (11) जिगर मुरादाबादी : 1. दिल गया रोनेके हयात गई  
2. सेहले खिरद ने दिन यह दिखाएँ
- (12) फराक़ गौरखपुरी : 1. निगारे नाज ने पर्दे उठाए है क्या-क्या  
2. बहुत पहले से उन कदमों की आहट जान लेते है
- (13) मजरूह सुल्तान पुरी : 1. जला के मशअले जाँ हम जुन सिफात चले  
2. मुझे सहल हो गई मंजिले
- (14) ताज भोपाली : 1. मै हूँ गदाए हुस्न न यूँ हँस के टाल दे  
2. है अजब भीड़ भाड़ सड़कों पर
- (15) जाँ निसार अख़्तर : 1. हम से भागा न करो दूर गजालो की तरह  
2. न ख़्वाब, ख़लिश न खुमार यह आदमी तो कोई सानेहा लगे है मुझे
- (16) खलील उर्रेहमान आज़मी : 1. हम जिन्दगी के साज पे गाते रहे नगमा तेरा  
2. मै सूने मकान का दिया हूँ
- (17) फजला ताबिशं : 1. एक दो धोखे हो तो यारो दिल रखने को खा भी लो  
2. न कर शुमार के हर शै गिनी नहीं आती

<b>इकाईयाँ : इकाई नं.</b>	1. गजल से मुताल्लिक सवालात	15 नम्बर
	2. कदीम शुअरा पर तन्कीदी सवालात	15 नम्बर
	3. जदीद गजल गो शुअरा पर सावालात	15 नम्बर
	4. कदीम गजल गो शुअरा के अशआर की तशरीह	15 नम्बर
	5. जदीद गजल गो शुअरा के अशआरकी तशरीह	15 नम्बर

## HOME SCIENCE

### PAPER - I

#### ANATOMY PHYSIOLOGY & HYGIENE

M.M. : 50

(Paper Code-0121)

- UNIT-1** Structure & functions of cell general introduction of Tissue and their functions skeletal system - Types of bones, classification general structure & functions of bones. Muscular system - General structure, types and function.
- UNIT-2** Circulatory system - General structure of organs and functions. composition of blood & function. Respiratory system - General structure of organs and functions.
- UNIT-3** Digestive system - General introduction of Nutrients, Liver and spleen organs of digestion their general structure and function. Excretory system- organs of excretion.  
Kidney & skin - structure & function.
- UNIT-4** Nervous system - Central nervous system structure and function.  
Senses and Sensory organs - ear and eye structure & function.
- UNIT-5** Hygiene - Personal Hygiene  
social Hygiene  
Environmental and Industrial Hygiene  
Water - its importance and purification.  
Air - its importance and purification.  
First aid home nursing - Principles, qualities of nurse, Responsibilities, selection of sick room. care of the patient. Some common accidents and their aid, poision, bleeding, Burns and scalds, fracture sprain, dislocation.

### प्रायोगिक

कुल समय 3 घंटे

कुल अंक- 50

#### अंको का विभाजन

1. सेशनल	10
2. प्राथमिक उपचार	10
3. गृह परिचर्या	15
4. शरीर रचना एवं स्वास्थ्य विज्ञान	15

**सेशनल :** (परीक्षा के समय छात्राएँ प्रायोगिक नेट बुक एवं प्राथमिक उपचार पेटी जमा करें) ।

**प्रयोग क्रमांक-1** रिपोर्ट : कालेज की कक्षाओं का प्रतिदिन की सफाई एवं वायुविजन संबंधित निरीक्षण ।

**प्रयोग क्रमांक-2** स्वयं के परिवार में पीने के पानी के प्रसि के साधन, संग्रह के प्रकार एवं साधन पानी की शुद्ध एवं स्वच्छता के लिये प्रयुक्त विधि ।

**प्रयोग क्रमांक-3** रिपोर्ट : स्वयं के परिवार एवं अन्य दो पड़ोसी परिवार के घर में अगस्त से दिसम्बर (अनुमानतः पांच महीने) के दौरान हुई बीमारियों के संबंध में जानकारी ।

1. रोग का नाम ।
2. प्राथमिक उपचार - जो दिया गया ।
3. आहार (जो उपयोग में लाया गया) ।

- प्रयोग क्रमांक-4** प्राथमिक उपचार पेटी ( आवश्यक सामान)
1. घाव धोने एवं बांधने का सामान ।
  2. दर्द कम करने की दवाईयाँ ।
  3. अपाचन - में प्रयुक्त दवाईयाँ ।
- प्राथमिक उपचार पेटी छात्राएँ परीक्षा के समय अपना नाम एवं परिवार के सदस्यों की संख्या लिखकर प्रस्तुत करें ।
- प्रयोग क्रमांक-5** रोगी के लिये उपचारात्मक व्यंजनों का अध्यापक द्वारा करके बताना ।
1. सब्जियों का सूप ।
  2. दाल का सूप ।
  3. उबला अंडा ।
  4. फटे दूध का पानी (व्हे वाटर) ।
  5. सब्जी एवं फलों का स्टू ( फ्लूश्रल्लीड्यलीछश्च श्रुडुट्टरू क्ल्च).
- इन व्यंजनों की विधि एवं उपयोगिता नोट बुक में अंकित की जावेगी ।
- प्रयोग क्रमांक-6** प्राथमिक उपचार
1. विभिन्न प्रकार की पट्टियाँ ( तिकोनी, गोल) ।
  2. घाव की देखभाल ।
  3. कृत्रिम श्वसन ।
- प्रयोग क्रमांक-7** गृह परिचर्चा
1. शरीर के तापमान का चार्ट
  2. गरम एवं ठंडे पानी की थैली तैयार करना ।
  3. बिस्तर लगाना / चद्दर बदलना ।
- प्रयोग क्रमांक-8** दृष्य श्रव्य यंत्र का बनाना ।
- महत्वपूर्ण निर्देश-** प्रयोग क्रमांक 1, 2, 3, तथा 5 की रिपोर्ट छात्राओं द्वारा प्रायोगिक नोट बुक में लिखकर एवं अध्यापक द्वारा प्रति हस्ताक्षरित / प्रमाणित करवाकर परीक्षा के समय प्रस्तुत की जावेगी ।

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## HOME SCIENCE

Paper - II

HOME SCIENCE - EXTENSION EDUCATION

(Paper Code-0122)

### UNIT-1 Introduction of Home Science Extension Education :

- (A) Home Science - Concepts, goals and Areas of Home Science & their inter relationship with extension.
- (b) Principles and methods of home science extension education general concepts of extension work.
- (c) Objectives of extension education qualities of extension workers, extension education process.

**UNIT-2 Community Development problems and Role of Home Scientists :**

- (A) Principles of community development organization and function of community development.
- (B) Role of home scientists in community development, programmes of extension education for community. programmes of community development at central, state, district, block and village level.  
Family planning programme.  
Community problems, child marriage, Dowry system, parda pratha, rural indigentness unemployment.

**UNIT-3 Teaching methods & aids :**

Methods of learning - Discussion, demonstration, observation and their application to home science teaching.

Extension Methods - their scope advantages and application. scope and use in Home Science teaching

Extension Methods - their scope advantages and application.

**UNIT-4 Attitude towards Home Science :**

Attitudes towards Home Science, Motivation towards Home Science. Application of Home Science towards improvement in family living. Job opportunities in Home Science National and International agencies and their collaboration with Home Science, Official organization Home Science Association of India, W.H.O. FAG, CARE, ICAR, ICDS, ICSSR, ICMR, IRDP, Adult education.

**UNIT-5 Curriculum Planning in Home Science :**

Basic concept of curriculum planning components of curriculum planning implementation evaluation and improvement required in the existing system of H.Sc. education policy and its relevance to H.Sc. Programme planning-concept, principles objectives and steps in programme planning.

**REFERENCE :**

- 1 Extension education and community development by Dhama O. P.
- 2 Co-operative Extension Work by Kelsey, L.D. and Heame C. R.
- 3 Extension education, Shri Lakshmi press by Reddy A. A.
- 4 An Introduction to programme evaluation John Wiley  
- Fracklin, J. K. & Thrashe / J.H.

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**INSURANCE PRINCIPAL & PRACTICE (Paper Code-0139)**

**PAPER - I**

**LIFE INSURANCE :**

**M.M. : 50**

**UNIT-1 Introduction :**

Need for security against economic difficulties, Risk and uncertainty, Individual value system, Individual, Life Insurance Nature and uses of Life Insurance, Life Insurance as a collateral, as a measure of financing business continuation, as a protection to property, as a measure of investment.

**UNIT-2 Life Insurance Contract :**

Distinguishing characteristics, Utmost Good Faith, Insurable Interest, Caveat Emptor, Unilateral and aleatory nature of contract, proposal and application form, Warranties Medical examination, policy construction and delivery, policy provision, lapse revival, surrender value, paid-up policies, maturity, nomination and assignment. Suicide and payment of insured amount, Loan, to policy holders.

**UNIT-3 Life Insurance Risk :**

Factors governing sum assured, Methods of calculating economic risk in life insurance proposal. Measurement of risk and mortality table, Calculation of Premium, Treatment of sub-standard risks. Life Insurance Fund, valuation and investment of surplus, Payment of bonus.

**UNIT-4 Life Insurance Policies :**

Types and their applicability to different. Situations, Important life Insurance Policies issued by the life Insurance Corporation of India. Life Insurance annuities. Important legal provisions and judicial pronouncements in India.

**UNIT-5 Life Insurance Salesmanship :**

Rules of agency Essential qualities of an ideal insurance salesman, Rules to canvass business from prospective customers, After-sale service to policy holders.

**GENERAL INSURANCE (Paper Code-0140)**

**PAPER - II**

**M.M. : 50**

**UNIT-1** 1. Introduction to risk and insurance.

(A) Risk (B) The treatment of Risk

2. The structure and operation of the insurance business.

**UNIT-2** (a) Insurance contract fundamentals.

(b) Insurance marketing.

(c) Insurance loss payment.

(d) Underwriting, rating, reinsurance, and other functions.

**UNIT-3** General Insurance corporation and other Insurance institutions.

Working of GIC in India; Types of risks assumed and specific policies issued by ECGC.

**UNIT-4 Health Insurance :**

(a) Individual health insurance.

(b) Group health insurance.

**UNIT-5** (a) Motor Insurance.

(b) Multiple line and all lines Insurance such as rural Insurance - Hull Insurance- etc.

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**FUNTIONAL ENGLISH**

**(Paper Code-0137)**

**PAPER - I**

**M.M. : 50**

- UNIT-1** (a) Linguistics and Phonetics.  
(b) Phonology.
- UNIT-2** (a) The Organs of Speech  
(b) Speech Sounds - Vowels and Consonants
- UNIT-3** Consonant Clusters in English
- UNIT-4** Phonetic symbols
- UNIT-5** Transcriptions

Based on a text of English Phonetics for Indian students by Bal-sybramanium.

**FUNTIONAL ENGLISH**

**(Paper Code-0138)**

**PAPER - II**

**M.M. : 50**

- UNIT-1** Articles, Parts of Speech, Linking Verbs Negative sentences.
- UNIT-2** Questions, Agreement of verb and subject, Transitive and Intransitive regular and irregular verbs.
- UNIT-3** Tenses
- UNIT-4** Question Tags, Transformetin Active and Passive Voice, Direct and Indirects Speech.
- UNIT-5** Common Errors in English.

Based on F.T. words Grammer

**VIVA - VOCE**

**M.M. 50**

**SYALLABUS FOR THEORY AND PRACTICAL**

**(Drawing and painting)**

B.A. (Drawing and painting) course is divided into three parts : B.A. 1st year, B.A. IInd year, B.A. III Year, all Examination is conducted by University for all class Maximum marks will be 150 the three parts details are as under :-

**THEORY FUNDAMENTAL OF PAINTING (ART)**

**The time of theory paper is three hours**

**M.M. : 50**

1. Defination of Art
2. Classificaction of Art
3. Elements of painting - Line, Form, Colour, Tone, Texture, Space.
4. Shadang - Rupa Veda, Pramanani, Bhava, Labanya, Yojan, Sadrusya, Varnika Bhang.

**BOOK RECOMMENDED :**

1. Still life Pairting - Richmend.
2. Akar Kalpna - Ranbir Saxana
3. Chirta Sayanjan - P. N. Choyal
4. Kala ke mull Tatya - Dr. C. L. Jha

**PRACTICAL**

There will be Two Practical Paper Evaluation will be made by the external and the internal examiners. Together, and Sessional Marking is made by the class Teacher.

- \* The time of each paper is four hour's and there will be a half hour's recess in between.

**STILL LIFE**  
**(Paper Code-0150)**

**PAPER - I**

Scheme of Examination	Total Mark - 50
Time - 4 Hours	Exmination - 40
Paper - 1/4 Imp Size	Sessional - 10
Meldium - Water Colour	
Sessional - Mark 10	
Class Work - Minimum work to be Submitted. Five Paining Size 1/4 IMP	
Any type of still object will be drowen books, flower pot's Fruits etc.	

**BASIC DESING**  
**(Paper Code-0150 A)**

**PAPER - II**

Scheme of Examination	Total Mark - 50
Time - 4 Hours	Exmination - 40
Paper - 1/4 Imp Size	Sessional - 10
Meldium - Water Colour or Poster Colour	
Sessional - Mark 10	
Class Work - Minimum work to be Submitted. Five Paining Size 1/4 IMP	
Form of netural element and object will be decoreted and repeated. Form like Flower, leaf, fruits, pot. Boll and Geometrial desing will be drowen and painted with water colour and poster colour.	

- - - - -

**B.A. EDUCATION PART - I**

**PAPER - I**

**EDUCATION AND SOCIETY**

**M.M. 75**

**(Paper Code-0123)**

**COURSE OBJECTIVES**

To enable the students to understand -

- 1 The general aims of Education alongwith Nature types and Scope of educations.
- 2 Meaning of Major Philosophies of education and function of education.
- 3 Meaning of curriculum and its Planning and Construction.
- 4 The Importance of Play and activity oriented education and Modern Methods of Teaching.
- 5 Specific aims of education as per the present day needs.

- UNIT-1**
- Nature and Scope of Education, Education as a Science, Education as a Social Process, Factors of Education.
  - Aims of Education-Individual, Social, Vocational and Democratic.
  - Formal, informal and non formal agencies of education, Relation between School and Society.

- UNIT-2**
- School a Miniature Society.

- Education and State-To talitarian and Democratic concepts, State Control over Education, Nature.
  - Centralization and Decentralization.
  - UNIT-3** ● Curriculum definition, Types of Curricula. Principles of Curriculum Construction, Child Centred and Life Centred Curricula.
  - Co-Curricular activities.
  - Education and Craft, Principle of Basic Education.
  - UNIT-4** ● Freedom and Discipline, Need of discipline in and out of school, discipline and Order, Free discipline.
  - Value Education, MEaning of Human Values. Their development, Some Transactional Strategies.
  - UNIT-5** ● Education for National Integration, I nternational understanding and education for Human resource development, Education for Licture.
  - Secularism and Education.
- Shiksha Sidhant - Pathak and Tyagi - Vinod Pustak Mandir, Agra.

**PAPER - II**

**PROBLEMS OF EDUCATION**

**M.M. 75**

**(Paper Code-0124)**

- UNIT-1** ● Problems and suggestions for improvement in Primary Educn.
- Problems and suggestions for improvement in Secondary Educn.
- UNIT-2** ● Problems and Suggestions for improvement in Higher Educn.
- Problems and Suggestions for improvement in Teacher Educn.
- UNIT-3** ● Problems and Suggestions for improvement in Women Educn.
- Problems and Suggestions for improvement in Adult Educn.
- UNIT-4** ● Problems and Suggestions for improvement in Technical Education.
- Problems and Suggestions for improvement in Distance Education.
- UNIT-5** ● Problems and Suggestions for improvement in Population Education.
- Problems and Suggestions for improvement in Environmental Education.

**BOOK RECOMMENDED :**

- |     |                   |   |  |
|-----|-------------------|---|--|
| 1   | A. Mishra         | - | The Financing of Indian Education.     |
| 2   | Nurullah and Naik | - | A History of Education in India.       |
| 3   | S. N. Mukherjee   | - | Education in India Today and Tomorrow. |
| 4   | K.G. Saiyad       | - | Problems of Education Reconstruction.  |
| 5   | Mahatma Gandhi    | - | Our Language Problems.                 |
| 6   | S.R. Dongerkerry  | - | University and their Problems.         |
| 7   | R.V. Parulacker   | - | Literacy in India.                     |
| 8   | G. Ghaurasia      | - | New Era in Teacher Education.          |
| 9   | J.P. Naik         | - | Education Planning in India.           |
| 10. | J.C. Agrawal      | - | Progress of Education in India.        |

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**ORDINANCE NO. - 12**

**BACHELOR OF ARTS - CLASSICS**

1. The three year course has been broken up into three Parts, Part-I known as B.A. Classics Part-I Examination at the end of the First year, Part-II known as B.A. Classics Part-II examination at the end of the Second year and Part-III known as B.A. Classics Part-III examination at the end of the Third year.
2. A candidate who, after passing (10+2) or Intermediate Examination of C.G. Board of Secondary Education, Raipur or any other Examination recognised by the University or C.G. Board of Secondary Education as equivalent there to has attended a regular course of study in an affiliated College or in the teaching department of the University for one academic year, shall be eligible for appearing at B.A. Classics Part-I examination.
3. A candidate who, after passing B.A. Classics Part I examination of the University, has attended a regular course of study for one academic year in an affiliated college or in the teaching department of the University, shall be eligible for appearing at the B.A. Classics Part-II Examination.
4. A candidate who, after passing the B.A. Classics Part-II examination of the University, has completed a regular course of study for one academic year in an affiliated college or in the Teaching department of the University, shall be eligible for appearing at the B.A. Classics Part-III examination.
5. Besides regular students and subject to their compliance with this Ordinance, ex-students and non-collegiate candidates shall be eligible for admission to the examination as per provisions of Ordinance No. 6 relating to Examinations (General). Provided that non-collegiate candidate shall be permitted to offer only those subjects/papers as are taught to the regular students at any of the University Teaching Department or College.
6. Every candidate for the Bachelor of Arts classics Examination shall be examined in:
  - A- Language Components :
    - (1) Hindi Language
    - (2) Sanskrit Language or English Language.
  - B- Compulsory- 1. Vyakaran, 2. Sahityam.
  - C- Any one of the following branches of studies-

1. Veda	2. Vyakaranam	3. Sahityam
4. Darshanam	5. Puranam	6. Jyotisham
7. Dharmashastram	8. Niruktam	
  - D- Any one of the following branches of studies :

1. English Literature	2. Hindi Literature	3. Economics
4. History	5. Political Science	
  - E- Practical (if necessary) for each core subject.
  - F- Viva voce in Sanskrit subject at the final examination (i.e. Part-III)

**NOTE :** Syllabus (E) will be common as prescribed by UGC (Part I, II, III)

7. Any candidate who has passed B.A. Classics Examination of the University shall be allowed to present himself for examination in any of the additional subjects prescribed for B.A. Classics examination and not taken at the Degree examination. Such candidate will have to first appear and pass B.A. Classics Part I & Part-II examination in the subject which he proposes to offer and then the B.A. Classics Part-III examination in the same subject. Successful candidates will be given a certificate to that effect.

8. In order to pass at any part of the three year degree course examination an examinee must obtain not less than 33% of the total marks in each subject/group of subjects. In groups where both theory and practical examinations are provided an examinee must pass in both theory and practical part of the examination separately.
9. Candidates will have to pass separately to the B.A. Classics Part-I, Part-II and Part-III examinations. No division shall be assigned on the result of Part-I and II examinations. The division in which a candidate is placed at the Part-III examination shall be determined on the basis of the aggregate of total marks obtained in the part I, II and III examinations. Provided in case a candidate who has passed the B.A. Classics Part I &II examination through the Supplementary Examination having failed in one subject only, the total aggregate marks for being carried over for determining the division shall include actual marks obtained in the subject in which he appeared at Supplementary examination.
10. Successful examinees at the Part-III examination obtaining 60% or more marks shall be placed in the First Division. Those obtaining less than 60% but not less than 45% marks in the Second Division and other successful examinees in the Third Division.

**बी.ए. क्लासिक्स भाग - 1**  
**अंक विभाजनम्**

विषया ( 1 )	पत्रम् ( 2 )	पूर्णांक ( 3 )	आवश्यक ( 4 )	प्राप्तांक ( 5 )
(अ) अनिवार्य विषयः (आधार पाठ्यक्रमः)				
1. हिन्दी भाषा		75		
2. अंग्रेजी भाषा / संस्कृत भाषा		75	150	50
<b>नोट :</b> प्रत्येक खंड में से 2 (दो) प्रश्न हल करने होंगे । सभी प्रश्न समान अंक के होंगे ।				
(अ) अनिवार्य विषय द्वितीय :				
1. व्याकरण मनुवादश्च	पत्रम् - 1	75		
2. साहित्यम्	पत्रम् - 2	75	150	50
(इ) वैकल्पिक विषय : प्रथम (एक एव ग्राह्यः)				
1. वेदः	पत्रम् - 1	75		
वेदः	पत्रम् - 2	75	150	50
2. व्याकरणम्	पत्रम् - 1	75		
व्याकरणम्	पत्रम् - 2	75	150	50
3. साहित्यम्	पत्रम् - 1	75		
साहित्यम्	पत्रम् - 2	75	150	50
4. दर्शनम्	पत्रम् - 1	75		
दर्शनम्	पत्रम् - 2	75	150	50
5. ज्योतिषम्	पत्रम् - 1	75		
ज्योतिषम्	पत्रम् - 2	75	150	50
6. पुराणेतिहासः	पत्रम् - 1	75		
पुराणेतिहासः	पत्रम् - 2	75	150	50

विषया ( 1 )	पत्रम ( 2 )	पूर्णांक ( 3 )	आवश्यक ( 4 )	प्राप्तांक ( 5 )
7. धर्मशास्त्रम्	पत्रम् - 1	75	150	50
धर्मशास्त्रम्	पत्रम् - 2	75		
8. निरुक्तम्	पत्रम् - 1	75	150	50
निरुक्तम्	पत्रम् - 2	75		
(ई) वैकल्पिक विषय (एक एव ग्राह्यः)				
1. हिन्दी साहित्यम्	पत्रम् - 1	75	150	50
हिन्दी साहित्यम्	पत्रम् - 2	75		
2. अंग्रेजी साहित्यम्	पत्रम् - 1	75	150	50
अंग्रेजी साहित्यम्	पत्रम् - 2	75		
3. अर्थ शास्त्रम्	पत्रम् - 1	75	150	50
अर्थशास्त्रम्	पत्रम् - 2	75		
4. इतिहासः	पत्रम् - 1	75	150	50
इतिहासः	पत्रम् - 2	75		
5. राजनीतिशास्त्रम्	पत्रम् - 1	75	150	50
राजनीतिशास्त्रम्	पत्रम् - 2	75		

- (क) अत्र परीक्षायाः चत्वारो विषयाः अष्ट प्रश्न पत्राणि च भविष्यन्ति ।
- (ख) द्वौ विषयौ अनिवार्यौ भविष्यतः अपरौ वैकल्पिकौ भविष्यतः ।
- (ग) प्रथमे अनिवार्य-विषये प्रथमं पत्रं साहित्यस्य द्वितीयं च व्याकरणानुवादयोः भविष्यति ।
- (ङ) प्रथमे वैकल्पिके विषये वेद-व्याकरण-साहित्य-दर्शन-ज्योतिष-पुराणेतिहासः-धर्मशास्त्र-निरुक्त विषयेषु एक एव ग्राह्यः तस्य द्वे प्रश्न-पत्रे भविष्यतः ।
- (च) द्वितीय वैकल्पिक विषये हिन्दी साहित्य, अंग्रेजी साहित्य, अर्थ शास्त्र, राजनीतिशास्त्र विषयेषु एक एव विषयः ग्राह्यः तत्र द्वे प्रश्न-पत्रे भविष्यतः ।
- (छ) प्रति पत्रम् अंकः पंचसप्तति (आधार पाठ्यक्रमः प्रतिपत्रम्) समयो होरा त्रयम् । निर्देशाभावे च उत्तरयितुं संस्कृतभाषा एव प्रयोक्तव्या ।

### USE OF CALCULATORS

The Students of Degree/P.G. Classes will be permitted to use of Calculators in the examination hall from annual 1986 examination on the following conditions as per decision of the standing committee of the Academic Council at its meeting held on 31-1-1986 -

1. Student will bring their own Calculators.
2. Calculators will not be provided either by the University or examination centres.
3. Calculators with memory and following variables be permitted +, -, x, /, square, reciprocal, exponentials log, square root, trigonometric functions, sine, cosine, tangent etc. factorial summation, xy, yx and in the light of objective approval of merits and demerits of the viva only will be allowed.

बी.ए. क्लासिक्स ( प्राच्यपद्धति ) भाग - एक ( कोड-061 )  
( अनिवार्य विषयः )

1. हिन्दी भाषा
2. संस्कृत भाषा / अंग्रेजी भाषा  
संस्कृत भाषा ( पेपर कोड-0691 ) अंकाः 75  
(1) नीतिशतकम् ( भर्तृहरिविरचितम् ) अंकाः 50  
(2) व्युत्पत्तिः ( अनुवादः, वाक्यशुद्धिः, पर्यायाः ) अंकाः 25

सहायक ग्रन्थाः

प्रारंभिक रचनानुवाद कौमुदी ( 1-10 पर्यन्तम् )  
लेखक - कपिल देव द्विवेदी, प्रकाशक - विश्वविद्यालय प्रकाशन, वाराणसी ।

अनिवार्य विषयः

प्रथमं : प्रश्न-पत्रम्

साहित्यम् ( पेपर कोड-0692 )

अंकाः 75

- (1) स्वप्नवासवदत्तम् - महाकविभास रचितम् अंकाः 30
- (2) पंचतन्त्रम् ( अपरीक्षित, कारके प्रथम कथा पंचकम् ) अंकाः 30  
(पं. विष्णु शर्मा रचितम्) प्रकाशक राम नारायण लाल बेनी प्रसाद कटरा, इलाहाबाद
- (3) संस्कृत साहित्य-इतिहासः ( महाकाव्यानां - गद्य काव्यानांचसंक्षिप्तम् ज्ञानम् अपेक्षितम् ) अंकः - 15

सहायक ग्रन्थाः

- (1) संस्कृत साहित्य का इतिहास- पं. बलदेव उपाध्याय, प्रकाशक- शारदा प्रकाशन, वाराणसी ।
- (2) संस्कृत साहित्य का इतिहास- रामजी उपाध्याय, प्रकाशक- रामनारायण बेनी माधव, कटरा-इलाहाबाद ।

द्वितीयं : प्रश्न-पत्रम्

व्याकरणम् ( पेपर कोड-0693 )

अंकः 75

- (1) मध्य सिद्धान्त कौमुदी ( वरदराज रचित ) अंकः - 60  
आदितः अव्यय प्रकरणान्तम्  
प्रकाशक - मोतीलाल बनारसीदास, नई दिल्ली ।
- (2) रचनानुवाद कौमुदी ( पाठ : 1-20 पर्यन्तम् ) अंकः - 15  
लेखक - डॉ. कपिल देव द्विवेदी, प्रकाशक - विश्वविद्यालय प्रकाशन, वाराणसी ।

वैकल्पिक विषय

( 1 ) वेद :

प्रथमं : प्रश्न-पत्रम् ( पेपर कोड-0694 )

अंकः 75

- (1) ऋग्वेदतः पाठ्यक्रमांक - (1) मण्डलम् 01, सूक्तम् 89  
- (2) मण्डलम् 09, सूक्तम् 12  
- (3) मण्डलम् 10, सूक्तम् 121  
- (4) मण्डलम् 10, सूक्तम् 191

- यजुर्वेदतः पाठ्यक्रमांकः - अध्यायः 31मं. 1 से 16 पर्यन्तम् अपिच शिवसङ्कल्प सूक्तमात्रम् - अध्यायः 22 मं. 22  
अथर्ववेदः पाठ्यक्रमांकः - प्रथम काण्डस्य - प्रथम - तृतीय सूक्तौ अंकाः 40  
(2) चरणव्यूह सूत्रम् आचार्य महिधरा कृत (सम्पूर्णम्) अंकाः 35

### द्वितीयं प्रश्न-पत्रम् ( पेपर कोड-0695 )

अंकाः 75

- (1) निरुक्तम् - (यास्काचार्य प्रणीतम्) प्रथम-द्वितीयौ अध्यायौ अंकाः 40  
(2) याज्ञवल्क्य शिक्षा (सम्पूर्णम्) अंकाः 35  
सहायक ग्रंथाः (1) वैदिक वाङ्मय का इतिहास (पं. भगवत दत्त)

### ( 2 ) व्याकरणम्

प्रथमं : प्रश्न पत्रम् ( पेपर कोड-0696 )

अंकाः 75

- (1) वैयाकरण सिद्धान्त कौमुदी - भट्टोजि दीक्षित प्रणीता  
संज्ञा - परिभाषा - च सन्धिः प्रकृतिभावः हल् सन्धिः  
विसर्ग सन्धिः, स्वादि सन्धिश्च ।  
सहायक ग्रंथाः (1) संधि - विषय : अजमेर मुद्रणालय : मुद्रित  
(2) व्याकरण चंद्रोदय : पं. चारूदेव शास्त्री : पंचम : खण्ड

### द्वितीयं : प्रश्न-पत्रम् ( पेपर कोड-0697 )

अंकाः 75

- (1) वैयाकरण सिद्धान्त कौमुदी, भट्टोजि दीक्षित प्रणीता  
अजन्त पुल्लिङ्ग-स्त्रीलिङ्ग-नपुंसकलिङ्ग  
हलन्त-पुल्लिङ्ग स्त्रीलिङ्ग-नपुंसक लिङ्ग  
अव्यय प्रकरणानि ।  
(सूत्रार्थशब्द साधन-प्रक्रिया स्वरूप : विशेषाध्येयम्)  
सहायक ग्रंथाः (1) नामिक : अजमेर मुद्रणालय मुद्रितः ।  
(2) अव्ययार्थ निबंधनम् : स्वामी ब्रह्ममुनि परिवर्जितः ।  
(3) व्याकरण चंद्रोदय : पं. चारूदेव शास्त्री (चतुर्थ खण्ड)

### ( 3 ) साहित्यम्

प्रथमं : प्रश्न-पत्रम् ( पेपर कोड-0698 )

अंकाः 75

- (1) चन्द्रलोक (जयदेव प्रणीता) (प्रथम मयूखतः चतुर्थमयूखत पर्यन्तम्) अंकाः 40  
(2) शिवराज विजयः (प्रथम द्वितीयौ, निश्वासौ) अंकाः 35  
सहायक ग्रंथाः (1) कवि कण्ठाभरणम् : (क्षेमेन्द्र विरचितम्)  
(2) साहित्य दर्पणम् : (विश्वनाथ कविराज रचितम्)

### द्वितीयं : प्रश्न-पत्रम् ( पेपर कोड-0699 )

अंकाः 75

- (1) रघुवंशम् (कालिदास प्रणीत्) (प्रथम, द्वितीय, तृतीय सर्गा) अंकाः 45



- (2) छंदासि-आर्या-अनुष्टुप-इंद्रवज्रा  
उपजाति-मालिनी-मन्दाकान्ता स्रग्धरा  
शिरखरणी शार्दूल-विकिडितम्-द्रुत विलम्बितम् । अंका: 30

#### ( 4 ) ज्योतिषम्

प्रथमं : प्रश्न-पत्रम् ( पेपर कोड-0700 )

अंका: 75

- (1) कुण्डलीनिर्माणविषयकं गणितम् – इष्टकालसाधनम्, स्पष्टग्रहसाधनम्, लग्नानयनम्,  
भयात-भभोगसाधनम्, विंशोत्तरी दशा – अंतर्दशा-साधनम्, द्वादशभाव-चलित  
चक्रसाधनम्, नवमांश-द्रेष्काण साधनं च । अंका: 45
- (2) भारतीय ज्योतिषशास्त्रस्येतिहासः। अंका: 30
- सहायक ग्रंथाः (1) भारतीय कुण्डली विज्ञान : पं. मीठालाल ओझा ।  
(2) भारतीय ज्योतिष का इतिहास : डॉ. गोरख प्रसाद ।

द्वितीयं : प्रश्न-पत्रम् ( पेपर कोड-0701 )

अंका: 75

- (1) लघुपाराशरी अंका : 45  
(2) गोलपरिभाषा – पं. सीताराम झा अंका: 30

#### ( 5 ) निरुक्तम्

प्रथमं : प्रश्न-पत्रम्

अंका: 75

- (1) निरुक्तम् : यास्कप्रणीतम् ।  
(2) साहित्यदर्पणम् : विश्वनाथ कविराज रचितम् ।  
(3) अलंकार सार मन्जरी : म. म. नारायण शास्त्री ।
- सहायक ग्रंथाः (1) छन्दोमन्जरी : गंगादासः प्रणीता ।  
(2) वृत्ता रत्नाकर : केदार भट्टः प्रणीता अध्याय 1, 2 ।  
1. सम्बद्ध निघण्टुयुक्तम् । 2. ऋक-प्रातिशख्यम् प्रथमः पटलः ।

द्वितीयं : प्रश्न-पत्रम्

अंका: 75

- (1) निरुक्तम् यास्काप्रणीतम्  
अध्याय 3, 4 ( सम्बद्ध निघण्टुयुक्तम्)  
(2) वेदाङ्गानां सामान्यं ज्ञानम् निरुक्तस्य निशेषतः ।

#### ( 6 ) पुराणेतिहास

प्रथमं : प्रश्न-पत्रम्

- (1) वाल्मीकि रामायणम् बालकाण्डम् अध्यायाः – 10  
(2) विट्टलोपाख्यानम्

**द्वितीयं : प्रश्न-पत्रम्**

- (1) विष्णु पुराणम् (प्रथमोऽध्यायः)
- (2) महाभारत - आदि पर्व 65-74

**( 7 ) धर्मशास्त्रम्**

**प्रथमः प्रश्न-पत्रम्**

- (1) मनुस्मृतिः (प्रथमोऽध्यायः) ।
- (2) पारस्कर - गृह्य सूत्रम् (कण्डिका, 1-10)

**द्वितीयं : प्रश्न-पत्रम्**

- (1) याज्ञवल्क्यस्मृतिः (दायभागः मिताक्षरा संहिता) ।
- (2) निर्णय - सिंधुः संवत्सर प्रकरणम्, द्वितीय परिच्छेदस्य पूर्वार्धः ।

**( 8 ) कर्मकाण्डम्**

**प्रथमं : प्रश्न-पत्रम्**

- (1) ग्रह शांति प्रयोगः - वायुनन्दन मिश्र कृतः
- (2) सत्यनारायण व्रतकथा ।

**द्वितीयं : प्रश्न-पत्रम्**

- (1) पारस्कर - गृह्यसूत्रम् (हरिहर भाष्यम्)
- (2) ग्रहशान्ति प्रयोगः वायु नन्दन मिश्र कृतः  
अधिभेवतास्यपिनातः (तिलकाशीर्वाद पर्यंत)

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