



हेमचंद यादव विश्वविद्यालय, दुर्ग (छ.ग.)

(पूर्व नाम- दुर्ग विश्वविद्यालय, दुर्ग)

रायपुर नाका दुर्ग (छ.ग.)-491001

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क्र. 3861 / अका. / 2021

दुर्ग, दिनांक 30/7/21

प्रति,

प्राचार्य,

समस्त संबद्ध महाविद्यालय,

हेमचंद यादव विश्वविद्यालय,

दुर्ग (छ.ग.)

विषय:- स्नातक स्तर भाग-तीन के पाठ्यक्रम विषयक।

संदर्भ:- संयुक्त संचालक, उच्च शिक्षा विभाग के पत्र क्र. 2456/315/आउशि/सम/2019, दिनांक 16.05. 2019।

—00—

विषयांतर्गत लेख है कि संदर्भित पत्र के माध्यम से प्राप्त स्नातक स्तर भाग-तीन के निम्नलिखित कक्षा/विषयों के परिवर्तित/संशोधित पाठ्यक्रम शिक्षा सत्र 2021-22 से लागू किये जाते हैं:-

1. बी.ए. — आधार पाठ्यक्रम — हिन्दी भाषा, हिन्दी साहित्य, राजनीतिशास्त्र, अर्थशास्त्र, नृत्य, दर्शनशास्त्र, समाजशास्त्र, इतिहास, मानवविज्ञान, संस्कृत, सांख्यिकी प्राचीन भारतीय इतिहास, भूगोल, मनोविज्ञान
2. बी.एस-सी. — आधार पाठ्यक्रम-हिन्दी भाषा, जीव विज्ञान, मानवविज्ञान, बायोटेक्नोलॉजी, कम्प्यूटर साईंस, गणित, भौतिक शास्त्र, प्राणीशास्त्र, सूक्ष्मजीव विज्ञान, वनस्पतिशास्त्र, भूविज्ञान, इलेक्ट्रॉनिक्स, रसायन शास्त्र, सांख्यिकी, भूगोल।
3. बी.ए./बी.एस.सी — आधार पाठ्यक्रम — हिन्दी भाषा एवं गृह विज्ञान।
(गृह विज्ञान)
4. बी.सी.ए. — भाग-3
5. बी.कॉम. — भाग-1, भाग-2 एवं भाग-3 का परिवर्तित पाठ्यक्रम सत्र 2019-20 में जारी कर लागू किया जा चुका है।

कृ.प.उ.

उपरोक्त विषयों को शिक्षा सत्र 2021-22 से संशोधित रूप में स्नातक स्तर भाग-तीन के लिए लागू किया जाता है स्नातक स्तर भाग-एक हेतु सत्र 2019-20 एवं स्नातक स्तर भाग-दो हेतु सत्र 2020-21 में लागू पाठ्यक्रम मान्य होंगे।

टीप:- परिवर्तित/संशोधित पाठ्यक्रम विश्वविद्यालय की वेबसाईट पर उपलब्ध है।


कुलसचिव

क्र. 3862 /अका./2021

दुर्ग, दिनांक 30/7/21

प्रतिलिपि:-

1. संयुक्त संचालक, उच्च शिक्षा विभाग के पत्र क्र. 2456/315/आउशि/सम/2019, दिनांक 16.05.2019 के परिपेक्ष्य में सूचनार्थ
2. उपकुलसचिव, परीक्षा विभाग एवं उपकुलसचिव, गोपनीय विभाग हेमचंद यादव विश्वविद्यालय, दुर्ग।
3. वेबसाईट प्रभारी, वेबसाईट पर पाठ्यक्रम प्रकाशित करने हेतु।
4. कुलपति के निज सहायक एवं कुलसचिव के निज सहायक, हेमचंद यादव विश्वविद्यालय, दुर्ग।


सहा. कुलसचिव (अका.)

HEMCHAND YADAV VISHWAVIDYALAYA, DURG (C.G.)

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SCHEME OF EXAMINATION & SYLLABUS of

**B.A. Final Year
Session 2021-22**

**(Approved by Board of Studies)
Effective from July 2021**

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, Raipur 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 B - Hindi Language
 - ii) Group C - English LanguageB. Three Core subjects : One subject from any three groups out of the following six groups :
 1. Sociology/Ancient Indian History/Anthropology.
 2. Political Science/Home Science/Vocational Course.

3. Hindi Literature/Sanskrit Literature/Urdu Literature/Math.
 4. Economics/Music/Linguistics/Defence studies.
 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
A. Compulsory Subject - Foundation Course :				
	Hindi Language	I	75	26
	English Language	I	75	26
B. Three Core Subject :				
1.	Hindi Literature	I	75	150
		II	75	
2.	Sanskrit Literature	I	75	150
		II	75	
3.	English Literature	I	75	150
		II	75	
4.	Philosophy	I	75	150
		II	75	
5.	Economics	I	75	150
		II	75	
6.	Political Science	I	75	150
		II	75	
7.	History	I	75	150
		II	75	
8.	Ancient Indian History Culture & Archaeology	I	50	100
		II	50	
			Practical	50
9.	Sociology	I	75	150
		II	75	
10.	Geography	I	50	100
		II	50	
			Practical	50
11.	Mathematics	I	50	150
		II	50	
		III	50	
12.	Statistics	I	50	100
		II	50	
			Practical	50

	Subject	Paper		Max. Marks	Min. Marks
13.	Anthropology	I	50	100	33
		II	50		
			Practical	50	17
14.	Linguistics	I	75	150	50
		II	75		
15.	Indian Music	I	50	100	33
		II	50		
			Practical	50	17
16.	Home Science	I	50	100	33
		II	50		
			Practical	50	17
17.	Education	I	75	150	50
		II	75		
18.	Psychology	I	50	100	33
		II	50		
			Practical	50	17
19.	Management	I	75	150	50
		II	75		
20.	Defence Studies	I	50	100	33
		II	50		
			Practical	50	17
21.	Urdu	I	75	150	50
		II	75		

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 demerits of the viva only will be allowed.

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इकाई-एक (क) भारत माता : सुमित्रानंदन पंत

(ख) कथन की शैलियाँ

1. विवरणात्मक शैली

2. मूल्यांकन शैली

3. व्याख्यात्मक शैली

4. विचारात्मक शैली

इकाई-दो (क) सूखी डाली : उपेन्द्रनाथ अशक

(ख) विभिन्न संरचनाएँ

1. विनम्रता सूचक संरचना

2. विधि सूचक संरचना

3. निषेध परक संरचना

4. काल-बोधक संरचना

5. स्थान-बोधक संरचना

6. दिशा बोधक संरचना

7. कार्य-कारण सम्बन्ध संरचना

8. अनुक्रम संरचना

इकाई-तीन (क) वसीयत : मालती जोशी

(ख) कार्यालयीन पत्र और आलेख

1. परिपत्र

2. आदेश

3. अधिसूचना

4. ज्ञापन

5. अनुस्मारक

6. पृष्ठांकन

इकाई-चार (क) योग की शक्ति : हरिवंश राय बच्चन

(ख) अनुवाद : स्वरूप एवं परिभाषा, उद्देश्य

स्त्रोत भाषा और लक्ष्य भाषा,

अच्छे अनुवाद की विशेषताएँ,

अनुवाद प्रक्रिया, अनुवादक

इकाई-पांच (क) संस्कृति और राष्ट्रीय एकीकरण : योगेश अटल

(ख) घटनाओं, समारोहों आदि का प्रतिवेदन, विभिन्न प्रकार के निमंत्रण पत्र

मूल्यांकन योजना : प्रत्येक इकाई से एक-एक प्रश्न पूछा जाएगा। प्रत्येक प्रश्न में आंतरित विकल्प होगा।

प्रत्येक प्रश्न के 15 अंक होंगे। इसलिए प्रत्येक प्रश्न के दो भाग 'क' और 'ख' होंगे एवं अंक क्रमशः 8 एवं 7

अंक होंगे। प्रश्नपत्र का पूर्णांक 75 निर्धारित है।

5/7/2024

डा. आ.श. निवा

5/7/2024

Archano Sh

Foundation Course-III

English Language

B.A./B.Sc./B.Com./B.H.Sc./III

M.M. 75

The question paper for B.A./B.Sc./B.Com./B.H.Sc. III Foundation course, English Language and General Answers shall comprise the following items :

Five question to be attempted, each carrying 3 marks.

UNIT-I Essay type answer in about 200 words. 5 essay type question to be asked three to be attempted.	15
UNIT-II Essay writing	10
UNIT-III Precise writing	10
UNIT-IV (a) Reading comprehension of an unseen passage	05
(b) Vocabulary based on text	10
UNIT-V Grammar Advanced Exercises	25

Note: Question on unit I and IV (b) shall be asked from the prescribed text. Which will comprise of popular create writing and the following items. Minimum needs housing and transport Geo-economic profile of M.P. communication Educate and culture. Women and Worm in Empowerment Development, management of change, physical quality of life. War and human survival, the question of human social value survival, the question of human social value, new Economic Philosophy Recent Diberaliation Method) Demoration decentralization (with reference to 73, 74 constitutional Amendment.

Books Prescribed:

Aspects of English Language and Development - Published by M.P. Hindi Granth Academy, Bhopal.

बी. ए. भाग— 3

हिन्दी साहित्य

प्रथम प्रश्न पत्र

जनपदीय भाषा— साहित्य (छत्तीसगढ़ी)

प्रस्तावना—

हिन्दी केवल खड़ी बोली नहीं है, बल्कि एक बहुत बड़ा भाषिक समूह है। हिन्दी जगत में अनेक विभाषाएं, बोलियाँ और उपबोलियाँ विद्यमान हैं जिनमें सकल साहित्य सम्पदा है। इनके सम्यक अध्ययन और अन्वेषण की आवश्यकता है। जनपदीय भाषा छत्तीसगढ़ी निरन्तर विकास की ओर अग्रसर हो रही है अस्तु, इस भाषा का और इसमें रचित साहित्य का इतिहास— विकास स्पष्ट करते हुए इनसे संबंधित प्रमुख रचनाकारों का आलोचनात्मक अनुशीलन करना हिन्दी के वृहत्तर हित में होगा। छत्तीसगढ़ी भाषा का पाठ्यक्रम निम्न बिन्दुओं पर आधारित हैं—

- (क) छत्तीसगढ़ी भाषा का इतिहास— विकास
- (ख) छत्तीसगढ़ी भाषा में रचित साहित्य का इतिहास
- (ग) छत्तीसगढ़ी भाषा के प्रमुख प्राचीन एवं अर्वाचीन रचनाकारों की कृतियों का अध्ययन।

पाठ्य विषय—

रचनाएँ—

- (1) प्राचीन कवि संत धर्मदास के 3 पद
 - 1. गुरु पड़्या लागों नाम लखा दीजो हो।
 - 2. नैना आगे ख्याल घनेरा।
 - 3. भजन करौ भाई रे, अइसन तन पाय के।(सन्दर्भ— धर्मदास के शब्दावली से उद्धृत)
- (2) लखनलाल गुप्त का गद्य—
 - 1. सोनपान(गद्य— पुस्तक 'सोनपान' के उद्धृत)
- (3) अर्वाचीन रचनाकार
 - डॉ. सत्यभामा आडिल रचित गद्य
 - 1. सीख सीख के गोठ(गद्य पुस्तक 'गोठ' के उद्धृत)
- (4) डॉ. विनय पाठक की कविताएँ—
 - 1. तँय उठथस सुरुज उथे
 - 2. एक किसिम के नियाव(‘अकादसी और अनचिन्हार’ पुस्तक से उद्धृत)
- (5) मुकुन्द कौशल— छत्तीसगढ़ी गजल
 - “छै बित्ता के मनखे देखों..... से— मछरी मन लाख लेथे” तक(पुस्तक 'छत्तीसगढ़ी गजल' के पृष्ठ 17 से उद्धृत)

5/7/2024

डा. आशा दीवान

डा. अरुण 2024

Archana Das
डा. अरुणा दास

द्रुतपाठ के रचनाकार— (व्यक्तित्व एवं कृतित्व)

1. सुन्दर लाल शर्मा
2. कपिलनाथ कश्यप
3. रामचन्द्र देशमुख (रंगकर्मी)

अंक विभाजन— व्याख्याएं (3)	— 21 अंक
आलोचनात्मक प्रश्न (2)	— 24 अंक
लघुउत्तरीय प्रश्न (5)	— 15 अंक
वस्तुनिष्ठ (15)	— 15 अंक
कुल अंक	75

इकाई विभाजन

इकाई एक	— व्याख्या
इकाई दो	— प्राचीन एवं अर्वाचीन रचनाकार
इकाई तीन	— (अ) छत्तीसगढ़ी भाषा का इतिहास (ब) छत्तीसगढ़ी साहित्य का इतिहास
इकाई चार	— द्रुत पाठ के तीन रचनाकार
इकाई पाँच	— वस्तुनिष्ठ / (सम्पूर्ण पाठ्यक्रम से)

5/7/2021

डा. आशा दीवान

5/7/2021

Archana Sharma
डा. अरुणा शर्मा

बी.ए. भाग— 3

द्वितीय प्रश्न पत्र

हिन्दी भाषा— साहित्य का इतिहास तथा काव्यांग विवेचन

प्रस्तावना—

हिन्दी भाषा का इतिहास जितना प्राचीन है, उतना ही गुढ़— गहन भी। इसमें रचित साहित्य ने लगभग डेढ़ हजार वर्षों का इतिहास पूरा कर लिया है इसलिए हिन्दी भाषा और साहित्य के ऐतिहासिक विवेचन की बड़ी आवश्यकता है। इसी के साथ— साथ हिन्दी ने अपना जो स्वतंत्र साहित्य शास्त्र निर्मित किया हैं, उसे भी रूपायित करने की आवश्यकता है। इसके संज्ञान द्वारा विद्यार्थी की मर्मग्राहिणी प्रतिभा का विकास होगा और ऐतिहासिक परिप्रेक्ष्य में शुद्ध साहित्यिक विवेक का सन्निवेश होगा।

पाठ्य विषय—

(क) हिन्दी भाषा का स्वरूप विकास— हिन्दी की उत्पत्ति, हिन्दी की मूल आकर भाषाएँ तथा विभिन्न विभाषाओं का विकास। हिन्दी भाषा के विभिन्न रूप—

1. बोलचाल की भाषा
2. रचनात्मक भाषा
3. राष्ट्रभाषा
4. राजभाषा
5. सम्पर्क भाषा
6. संचार भाषा

हिन्दी का शब्द भण्डार— तत्सम, तद्भव, देशज, आगत शब्दावली।

(ख) हिन्दी साहित्य का इतिहास :— आदिकाल, पूर्व मध्यकाल, उत्तर मध्यकाल और आधुनिक काल की सामाजिक, सांस्कृतिक पृष्ठभूमि, प्रमुख युग प्रवृत्तियाँ, विशिष्ट रचनाकार और उनकी प्रतिनिधि कृतियाँ, साहित्यिक विशेषताएँ।

(ग) काव्यांग — काव्य का स्वरूप एवं प्रयोजन।
रस के विभिन्न भेद, विभिन्न अंग, विभावादि तथा उदाहरण।
प्रमुख 5 छंद — दोहा, सोरठा, चौपाई, कुण्डलियाँ, सवैया।
शब्दालंकार — अनुप्रास, यमक, श्लेष, वक्रोक्ति, पुररुक्ति प्रकाश।
अर्थालंकार — उपमा, रूपक, उत्प्रेक्षा, अतिशयोक्ति, भ्रांतिमान।

संदर्भ ग्रन्थ—

(1) हिन्दी साहित्य का इतिहास संपादक— डॉ. सुशील त्रिवेदी व बाबूलाल शुक्ल (प्रकाशक— म. प्र. उ. शि. अनुदान आयोग)

5/7/2024

डा. आशा दीवान

डा. अशोक 2024

Archana Sharma
डा. अशोक 2024

- (2) राजभाषा हिन्दी— मलिक मोहम्मद (प्रभात प्रकाशन दिल्ली)
(3) हिन्दी भाषा— डॉ. भोलानाथ तिवारी।

अंक विभाजन—

आलोचनात्मक (4)	—44 अंक
लघुउत्तरीय प्रश्न (4)	— 16 अंक
वस्तुनिष्ठ प्रश्न (15)	— 15 अंक
कुल अंक — 75 अंक	

इकाई विभाजन—

- इकाई— 1 हिन्दी भाषा का स्वरूप— विकास— (खण्ड— 'क')
इकाई— 2 हिन्दी का शब्द भण्डार— (खण्ड 'क' का अंतिम भाग)
इकाई— 3 हिन्दी साहित्य का इतिहास— (खण्ड— ख)
इकाई— 4 काव्यांग— रस, छंद, अलंकार (भाग— ग)
इकाई— 5 लघुउत्तरीय एवं वस्तुनिष्ठ प्रश्न (सम्पूर्ण पाठ्यक्रम से)

5/7/2024

डा. आशा तिवारी

5/7/2024

Archana Sharma
डा. अरुणा शर्मा

प्राचीन भारतीय इतिहास, संस्कृति तथा पुरातत्व Ancient India History, Culture and Archaeology

बी.ए. तृतीय वर्ष

प्राचीन भारतीय इतिहास, संस्कृति तथा पुरातत्व

प्रथम : प्रश्न-पत्र

B.A. Part III Paper I

भारतीय वास्तु तथा कला के मूल तत्व (पेपर कोड 0266)

Elements of Ancient Indian Architecture and Art

पूर्णांक : 50

- इकाई- 1 हड़प्पा कालीन वास्तु, मौर्य कालीन वास्तु, स्तूप वास्तु (सांची, भरहुत तथा अमरावती), पश्चिमी भारत के चैत्यगृह तथा विहार- भाजा, कालें, कोण्डाने, अजंता और एलोरा।
(Architecture of Harappan period, Mauryan period; Stupa Architecture (Sanchi, Bharhut and Amravati), Chaityas and Viharas of Western India (Bhaja, Karle, Kondan, Ajanta and Ellora))
- इकाई- 2 मंदिर वास्तु का उद्भव एवं विकास, मंदिर वास्तु की विभिन्न शैली-नागर, बेसर एवं द्रविड़।
(Origin and development of Temple Architecture, Various Styles of Temple Architecture – Nagara, Vessara & Dravida)
- इकाई- 3 मूर्तिकला-हड़प्पा कालीन, मौर्यकालीन, शुंगकालीन, कुषाण कालीन (गांधार एवं मथुरा)।
(Iconography – Harappa period, Mauryan period, Shunga period, Kushana period (Gandhara & Mathura))
- इकाई- 4 प्राचीन भारत में मूर्ति पूजा का उद्भव एवं विकास (विष्णु, शिव, बौद्ध एवं जैन प्रतिमा के विशेष संदर्भ में)।
(Origin and development of idol worship in Ancient India, with special reference to Vishnu, Shiva, Jaina & Buddhist sculptures)
- इकाई- 5 प्रागैतिहासिक चित्रकला, सिधनपुर की चित्रकला, काबरा पहाड़ एवं अजंता और बाघ की चित्रकला।
(Pre-historic paintings, Painting of Singhanpur and Kabrapahar, Ajanta & Bagh Paintings)

अनुशंसित ग्रंथ :

- | | |
|--|--|
| 1. वासुदेव शरण अग्रवाल | – भारतीय कला भाग-1 |
| 2. रामनाथ मिश्र | – भारतीय मूर्तिकला |
| 3. कृष्णदत्त बाजपेयी | – भारतीय वास्तुकला का इतिहास |
| 4. वासुदेव उपाध्याय | – प्राचीन भारतीय स्तूप, गुहा एवं मंदिर |
| 5. कृष्णदत्त बाजपेयी एवं संतोष कुमार बाजपेयी | – भारतीय कला |
| 6. सच्चिदानंद पांडेय | – मंदिर स्थापत्य का इतिहास |
| 7. जयनारायण पांडेय | – भारतीय कला |
| 8. मारुतिनंदन प्रसाद तिवारी तथा कमल गिरी | – भारतीय प्रतिमा विज्ञान |
| 9. ए.एल. श्रीवास्तव | – भारतीय कला |
| 10. A.. Coomarswami | - History of Indian and Indonesian Art |
| 11. Percy Brown | - Indian Architecture, Vol. I |
| 12. Krishnadeva | - Temples of North India |
| 13. S.Kramrisch | - Hindu Temple Part I & II |

बी.ए. तृतीय वर्ष
द्वितीय : प्रश्न-पत्र (अ)
B.A. Part III Paper II (A)
भारतीय पुरातत्व के मूलतत्व (पेपर कोड 0267)
Elements of Indian Archaeology

पूर्णांक : 50

- इकाई— 1 पुरातत्व विज्ञान की परिभाषा, विस्तार क्षेत्र का अध्ययन, अन्य विषयों से संबंध।
(Definition, extent and relationship of Archaeology with other branches of Studies)
- इकाई— 2 भारत में पुरातत्व का इतिहास, प्राचीन स्थलों की खोज एवं तिथि निर्धारण।
(History of Indian Archaeology, Discovery of Ancient Sites and Dating Methods)
- इकाई— 3 उत्खनन—विधियाँ, सर्वेक्षण, स्तर विन्यास, उत्खनन का लेखा—जोखा।
(Methods of Excavation, Survey, Stratification, Documentation of excavation)
- इकाई— 4 भृदभाण्ड, गैरिक भृदभाण्ड, चित्रित धूसर भृदभाण्ड, काले और लाल भृदभाण्ड, उत्तरी कृष्ण मर्जित भृदभाण्ड (एन.वी.पी.)।
(Pottery: Ochre Coloured Pottery (O.C.P.), Painted Grey Ware (P.G.W.), Black & Red Ware (B.R.W.), Northern Black Polished Ware (N.B.P.W.)
- इकाई— 5 प्रमुख पुरास्थलों का अध्ययन—
कालीबंगा, एरण, कौशाम्बी, हस्तिनापुर, ब्रह्मगिरी, सिरपुर, मल्हार।
(Important Archaeological sites: Kalibangan, Eran, Koshambi, Hastinapur, Brahmgi, Sirpur, Malhar)

अनुशंसित ग्रंथ :

- | | |
|-------------------------|--------------------------|
| 1. के.डी. बाजपेयी | — मध्यप्रदेश का पुरातत्व |
| 2. आर.एम. व्हीलर | — पृथ्वी से पुरातत्व |
| 3. बी.एन.पुरी | — पुरातत्व विज्ञान |
| 4. जयनारायण पाण्डेय | — पुरातत्व विमर्श |
| 5. राकेश प्रकाश पाण्डेय | — पुरातत्व विज्ञान |
| 6. मदन मोहन सिंह | — पुरातत्व की रूपरेखा |

“अथवा”
बी.ए. तृतीय वर्ष
द्वितीय : प्रश्न-पत्र (ब)
B.A. Part III Paper II (B)
(ब) पुराभिलेख एवं मुद्राशास्त्र के मूल तत्व (पैपर कोड 0268)
Elements of Palaeography and Numismatics

पूर्णांक : 50

- इकाई— 1 (1) प्राचीन भारतीय इतिहास की पुनर्रचना में अभिलेखों का महत्व।
(Significance of Epigraphy for writing Ancient Indian History)
(2) लेखन कला का उद्भव एवं विकास।
(Origin and development of writing skill)
(3) अभिलेखों में प्रयुक्त भाषाएँ, लिपियाँ तथा सामग्री।
(Languages, Scripts and materials used for Inscriptions)
- इकाई— 2 निम्नलिखित अभिलेखों का ऐतिहासिक महत्व : (Historic significance of the following Inscription)
(1) अशोक का द्वितीय शिलालेख। (2nd rock edict of Ashoka)
(2) अशोक का बारहवां शिलालेख। (12th rock edict of Ashoka)
(3) हेलियोडोरस का बेसनगर स्तम्भलेख। (Besnagar Pillar Inscription of Heliodorus)
(4) गौतमी पुत्र सातकर्णी का नासिक अभिलेख। (Nasik Inscription of Gautamiputra Satkarni)
(5) खारवेल का हाथिगुफा अभिलेख। (Hathigumpha Inscription of Kharvela)
(6) रुद्र दामन का जूनागढ़ (Junagarh Inscription of Rudradaman)
- इकाई— 3 (1) समुद्र गुप्त का प्रयाग प्रशस्ति अभिलेख। (Allahabad Pillar Inscription of Samudragupta)
(2) पुलकेशिन द्वितीय का एहोल लेख। (Aihole Inscription of Pulakeshin – II)
(3) हर्ष का बांसखेड़ा अभिलेख। (Banskhera Inscription of Harsha)
(4) महारानी वासटा का लक्ष्मण मंदिर अभिलेख। (Lakshman temple Inscription of Queen Vasta)
(5) जाजल्ल देव प्रथम का रतनपुर अभिलेख। (Ratanpur Inscription of Jajalladeva)
- इकाई— 4 इतिहास की पुनर्रचना में मुद्रा का महत्व, मुद्रा का उद्भव एवं प्राचीनता, मुद्रा निर्माण तकनीक तथा आहत सिक्के।
(Significance of Numismatics for writing Ancient Indian History, Origin and antiquity of Coins, Minting Techniques of Coins, Punch-Marked Coins)
- इकाई— 5 कुषाण कालीन सिक्के, जनपदीय सिक्के (तक्षशिला, कौशाम्बी, एरण), गुप्त कालीन मुद्राएँ, समुद्र गुप्त, चन्द्रगुप्त द्वितीय, एवं कुमारगुप्त की स्वर्ण रजत एवं ताम्र मुद्राएँ स्थानीय मुद्राएँ शरभपुरीय, नलवंशीय एवं कलचुरी राजवंश।
Kushana Coins, Janpada Coins (Taxila, Kaushambi, Eran), Gupta coins, Gold, Silver and Copper coins of Samudragupta, Chandragupta-II and Kumaragupta; Regional coins: Sharabhपुरीय, Nala, Kalachuri)

अनुशंसित ग्रंथ :

- | | |
|--|---|
| 1. डी.सी.सरकार | — इंडियन एपिग्राफी |
| 2. डी.सी.सरकार | — सेलेक्ट इन्सक्रिप्शन्स भाग 1 व 2 |
| 3. एस.एच.दानी | — इंडियन पैलियोग्राफी |
| 4. वासुदेव बाजपेयी | — प्राचीन भारतीय अभिलेखों का अध्यय |
| 5. कृष्णदत्त बाजपेयी, कन्हैयालाल अग्रवाल संतोष कुमार बाजपेयी | — ऐतिहासिक भारतीय अभिलेख |
| 6. परमेश्वरी लाल गुप्ता | — प्राचीन भारतीय मुद्राएँ |
| 7. डी.सी.सरकार | — स्टडीज एवं इंडियन क्वाएन्स |
| 8. ए.के.शरण | — ट्राइबल क्वाएन्स |
| 9. भास्कर चट्टोपाध्याय | — द एज ऑफ दि कुषाणजःए न्यूमिस्मेटिक स्टडी |
| 10. ए.एस. अल्तेकर | — गुप्तकालीन मुद्राएँ |
| 11. राजवंत राव | — प्राचीन भारतीय मुद्राएँ |

प्रायोगिक तथा मौखिक परीक्षा

पूर्णांक — 50

- | | |
|--|-----------------|
| 1. किसी महत्वपूर्ण पुरातात्विक/ऐतिहासिक स्थान का भ्रमण एवं विवरण प्रस्तुति | — 20 अंक |
| 2. पुरावस्तुओं की पहचान | — 20 अंक |
| 3. मौखिकी | — 10 अंक |
| योग | — 50 अंक |

B.A.-III
ENGLISH LITERATURE
PAPER -I
INDIAN WRITING IN ENGLISH

M.M.: 75

All questions are compulsory.

- Note: 1. Unit - I is compulsory. Two passages from each of the Unit II to V to be set Three to be attempted. (3x5 = 15)
2. Short answer questions from unit VII, Seven to be set and five to be attempted. (5x2 = 10)
3. Long-answer questions from unit II to VI. Two questions from each unit with an internal choice to be set. The candidate has to attempt one question from each unit. (5x10 = 50)

UNIT-I Annotations and short answer questions

UNIT-II Poetry

Toru Dutt	-	Our Casurina Tree	(Non-Detailed)
Rabindranath Tagore	-	Songs 1 & 103 from Gitanjali	(Detailed)
Sarojini Naidu	-	The Ecstasy, The Lotus	(Detailed)

UNIT-III

Kamla Das	-	The Old Playhouse	(Detailed)
or			
Gauri Deshpandey	-	The Female of the Species	(Non-Detailed)
Jayant Mahapatra	-	Dawn at Puri	(Detailed)
or			
K. N. Daruwala	-	Death by Burial	(Non-Detailed)
Shiv K. Kumar	-	Indian Women	(Non-Detailed)

UNIT-IV Prose

Nirad C. Choudhary	-	My Birth Place	(Detailed)
Dr. S. Radhakrishnan	-	The Call of the Suffering	(Non-Detailed)

UNIT-V Drama

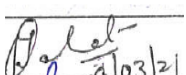
Girish Karnad	-	Hayavadana	(Detailed)
or			
Vijay Tendulkar	-	Silence! The Court is in Session	(Non-Detailed)

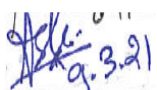
UNIT- VI Fiction

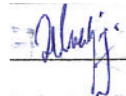
R.K. Narayan	-	The Guide	(Non-Detailed)
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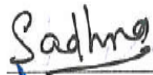
UNIT-VII

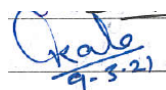
1. Lyric
2. Subjective Poetry
3. Couplet
4. Fable
5. Hymn
6. Allegory
7. Autobiography

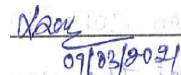
 P. K. Choudhary
9-3-21

 R. K. Narayan
9-3-21

 Girish Karnad
9-3-21

 Shiv K. Kumar
9-3-21

 K. N. Daruwala
9-3-21

 Gauri Deshpandey
09/03/2021

BOOK RECOMMENDED:

1. Indian Poetry in English, Ed. Hari Mohan Prasad, Sterling Publication
2. An Introduction to the Study of English Literature, B. Prasad.
3. A Glossary of Literary Terms, M. H. Abrahams.
4. Prose of Today - Macmillan Publishers

Prasad
9-3-21

Prasad
9-3-21

Prasad

Sadhna

Prasad
9-3-21

Prasad
09/03/2021

Paper-II
(A) AMERICAN LITERATURE
(Paper Code -0236)

M.M.: 75

All questions are compulsory.

Note: 1. Unit -I is compulsory. Two passages from each of the Unit II to V to be set Three to be attempted.

(3x5 = 15)

2. Short answer questions from unit VII, Seven to be set and five to be attempted.

(5x2 = 10)

3. Long-answer questions from unit II to VI. (Word limit for each answer is 300-400 words)
Internal choice to be given.

(5x10 = 50)

UNIT-I

Annotations and short answer question.

UNIT-II Poetry

- | | | | |
|---------------|---|--|----------------|
| Walt Whitman | - | O Captain! My Captain, When the Lilacs Last in the Dooryard Bloom'd. | (Non-Detailed) |
| Carl Sandberg | - | Who Am I? I am the People, The Mob | (Detailed) |

UNIT-III

- | | | | |
|-----------------|---|--|------------|
| Emily Dickinson | - | "Hope" is the thing with Feather, I Felt a funeral in my Brain | (Detailed) |
| E. E. Cummings | - | The Cambridge Ladies, As Freedom is a Breakfast food | (Detailed) |

UNIT-IV Prose

- | | | | |
|--------------------|---|-------------------------------|----------------|
| William Faulkner | - | Nobel Award Acceptance Speech | (Detailed) |
| W. Carlos Williams | - | In the American Grain | (Non-Detailed) |
| Walt Whitman | - | Preface to "Leaves of Grass" | (Detailed) |

UNIT-V Drama

- | | | | |
|-----------------|---|---------------|----------------|
| A. Miller | - | All My Sons | (Non-Detailed) |
| Or | | | |
| Eugene O' Neill | - | The Hairy Ape | (Detailed) |

UNIT-VI Fiction

- | | | | |
|--------------|---|------------------------|----------------|
| E. Hemingway | - | A Farewell to Arms | (Non-Detailed) |
| Or | | | |
| W. Faulkner | - | The Sound and the Fury | (Non-Detailed) |

UNIT-VII 1. Naturalism 2. Realism 3. Art for Art's sake 4. Poetic-Drama
5. Symbolism 6. American Renaissance 7. Existentialism.

BOOK RECOMMENDED:

- 1- American Literature, An Anthology, Ed. Fr. Egbert S. Oliver.
- 2- A Glossary of Literary Terms - M.H. Abrahams.

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Paper-II

(B) 20TH CENTURY LITERATURE IN ENGLISH

(Paper Code -0237)

M.M.: 75

The paper will be taught as an optional paper to Paper-II (A) which is a paper on American Literature. It is to give to the students a general background and cultural history of this period and also to make them aware of the literary trends of the twentieth century. The Paper comprises of six units and in all Six questions are to be attempted.

UNIT-I The following historical and literary topics will be included in this unit. Students are required to write short notes of not more than three hundred words on any two of the following topic.

(10 Marks)

- i) The Two World Wars
- ii) The Russian Revolution
- iii) The Great Depression
- iv) The Vietnam War.
- v) Freudian Thought
- vi) Existentialism.
- vii) Absurdism.
- viii) Modernism and Post Modernism.
- ix) New Development in Fiction and Drama.

UNIT-II Ten objective type questions on the life history and major poetical works of the following Poets of the twentieth century will be asked in this unit.

(10 Marks)

- i) W. B. Yeats (1865-1939)
- ii) Siegfried Sasson (1886-1967)
- iii) Rupert Brooke (1887-1915)
- iv) T.S. Eliot (1888-1965)
- v) Wilfred Owen (1893-1918)
- vi) W.H. Auden (1907-1937)
- vii) Louis MacNeice (1907-1963)
- viii) Stephen Spender (1909-1995)
- ix) Dylan Thomas (1914-1953)
- x) Philip Larkin (1922-1985)

UNIT-III

(15 marks)

T.S. Eliot	-	The Waste Land
	Or	
Wilfred Owen	-	Disabled
Siegfried Sassoon	-	Attack, Falling Asleep
Rupert Brooke	-	The Hill
W. H. Auden	-	Miss Gee

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UNIT-IV**(15 marks)**

Joseph Conrad

- Heart of Darkness

Or

Chinua Achebe

- Things Fall Apart

UNIT-V Non Fictional Prose**(10 marks)**

Virginia Woolf

- The Death of the Moth

Or

Graham Greene

- The Lost Childhood

UNIT-VI Drama**(15 marks)**

Bernard Shaw

- Pygmalion

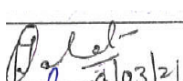
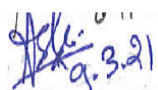
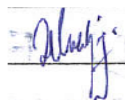
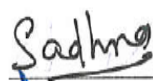
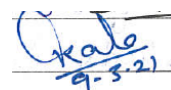
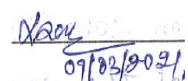
Or

Samuel Beckett

- Waiting for Godot

BOOK RECOMMENDED:

1. Edited by Michael Roberts, The Faber Book of Modern Verse.
2. Macmillan, Prose of Today.
3. William J. Long, English Literature.


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07/03/2021

बी.ए. अन्तिम वर्ष

संस्कृत साहित्य

टीप – बी.ए. अन्तिम वर्ष में संस्कृत साहित्य के दो प्रश्न-पत्र होंगे एवं दोनों प्रश्न –पत्र 75– 75 अंकों के होंगे ।

प्रथम प्रश्नपत्र

नाटक, छन्द तथा व्याकरण

पूर्णांक – 75

- इकाई –1 अभिज्ञानशाकुन्तलम् (नाटक) अंक – 15
दो श्लोकों की व्याख्या
(प्रथम, चतुर्थ, पंचम तथा सप्तम अंक से व्याख्या, शेष द्रुतपाठ)
- इकाई –2 अभिज्ञानशाकुन्तलम् – समीक्षात्मक प्रश्न अंक – 15
- इकाई –3 निर्धारित छन्दों के लक्षण तथा उदाहरण – अंक – 15
अनुष्टुप्, इन्द्रवज्रा, उपेन्द्रवज्रा, उपजाति, वंशस्थ, आर्या, मालिनी, शिखरिणी, वसन्ततिलका, शार्दूलविक्रीडित, स्त्रग्धरा, मन्दाक्रान्ता ।
- इकाई –4 व्याकरण – लघुसिद्धान्तकौमुदी अंक – 15
कृदन्त प्रकरण
तव्यत्, अनीयर्, यत्, क्यप्, ण्यत्, शतृ, शानच्, क्त्वा, ल्यप् ,
तुमुन्, क्त, क्तवतु, ण्वुल्, तृच्, ल्युट्, अण् ।
- इकाई –5 व्याकरण – लघुसिद्धान्तकौमुदी अंक – 15
1.तद्धितप्रत्यय –
अण्, ढक्, ष्यञ्, त्व, तल्, इमनिच्, ठक्, इञ्, मतुप्
इनि, इतच्, ईयसुन्, इष्ठन्, तरप्, तमप्, ण्य, यञ् ।
2.स्त्रीप्रत्यय –
टाप् , डीप् , डीष् , डीन् ।

अनुशासित ग्रन्थ –

1. अभिज्ञानशाकुन्तलम् – कालिदास, प्रकाशक – मोतीलाल बनारसीदास, वाराणसी
2. छन्दोमंजरी – प्रकाशक – चौखम्बा विद्याभवन, वाराणसी
3. लघु सिद्धान्त कौमुदी – श्रीधरानन्द शास्त्री
4. लघु सिद्धान्त कौमुदी – श्री महेश सिंह कुशवाहा, प्रकाशक – चौखम्बा विद्याभवन, वाराणसी
5. शीघ्रबोधव्याकरणम् – डा. पुष्पा दीक्षित, पाणिनीय शोध संस्थान, तेलीपारा, बिलासपुर
6. संस्कृत हिन्दी कोश – वामन शिवराम आप्टे, प्रकाशक – मोतीलाल बनारसीदास,

15/10/6/2021
डॉ. दिव्या देवा/10/5

श्री

10.06.2021

श्री एम. के. अलेन्द्र

बी.ए. अन्तिम वर्ष

संस्कृत

द्वितीय प्रश्नपत्र

काव्य, अलंकार तथा निबन्ध

पूर्णांक – 75

- इकाई –1 किरातार्जुनीयम् (भारवि) प्रथमसर्ग अंक – 15
दो श्लोकों की ससन्दर्भ व्याख्या
- इकाई –2 किरातार्जुनीयम् – आलोचनात्मक प्रश्न अंक – 15
- इकाई –3 मूलरामायणम् –वाल्मीकि अंक – 15
व्याख्या अथवा आलोचनात्मक प्रश्न
- इकाई –4 अलंकार – अंक – 15
अनुप्रास, यमक, शब्दश्लेष, उपमा, रूपक, उत्प्रेक्षा, अनन्वय,
अर्थान्तरन्यास, स्वभावोक्ति, अतिशयोक्ति, दीपक, विभावना, विशेषोक्ति,
अपह्नुति, दृष्टान्त, निदर्शना, प्रतिवस्तूपमा, सन्देह, भ्रान्तिमान् , काव्यलिङ्ग ।
- टिप्पणी – अलंकारों के लक्षण चन्द्रालोक, काव्यप्रकाश अथवा साहित्यदर्पण
से अध्येतव्य हैं, उदाहरण पाठ्यक्रमों से भी दिये जा सकते हैं ।
- इकाई –5 निबन्ध (संस्कृत भाषा में) 15 वाक्यों में अंक – 15
टिप्पणी – निबन्ध समीक्षात्मक अथवा विश्लेषणात्मक न होकर वर्णनात्मक
पूछे जायेंगे ।

अनुशंसित ग्रन्थ –

1. संस्कृतनिबन्धशतकम् – डॉ. कपिलदेव द्विवेदी, चौखम्बा प्रकाशन, वाराणसी
2. निबन्धपारिजात – डॉ. रजनीकान्त लहरी, चौखम्बा प्रकाशन, वाराणसी
3. प्रबन्धरत्नाकर – डॉ. रमेशचन्द्र शुक्ल, चौखम्बा प्रकाशन, वाराणसी
4. रचनानुवादकौमुदी – डॉ. कपिलदेव द्विवेदी, चौखम्बा प्रकाशन, वाराणसी

15/10/6/2021
डॉ. दिव्या देवा/05

श्री

10.06.2021

श्री एम. के. अलेन्द्र

बी. ए. भाग 3 B.A. Part III

राजनीति विज्ञान Political Science

प्रथम प्रश्नपत्र : अन्तर्राष्ट्रीय राजनीति एवं भारत की विदेश नीति

Paper I : International Politics and Foreign Policy of India

इकाई 1 : अन्तर्राष्ट्रीय राजनीति : अर्थ, प्रकृति, क्षेत्र ।

अन्तर्राष्ट्रीय राजनीति : अध्ययन उपागम – यथार्थवाद, आदर्शवाद, नवयथार्थवाद, विश्व व्यवस्था सिद्धान्त । राष्ट्रीय हित एवं राष्ट्रीय शक्ति : अर्थ, परिभाषा एवं तत्त्व ।

Unit 1 : International Politics : meaning, Nature, Scope. International Politics : Approaches to the study : Realism, Idealism, New realism, World System theory. National interest and National power: Meaning Definition and Elements.

इकाई 2 : अन्तर्राष्ट्रीय राजनीति के विभिन्न सिद्धान्त : व्यवस्था, खेल, निर्णय निर्माण, सौदेबाजी का सिद्धान्त । शक्ति संतुलन । सामूहिक सुरक्षा । निशस्त्रीकरण । शीतयुद्ध । राजनय ।

Unit 2 : Various theories of International Politics : System, Game, Decision making, Bargaining theory. Balance of Power, Collective Security, Disarmament, Cold war, Diplomacy.

इकाई 3 : भारत की विदेश नीति : निर्धारक तत्त्व, विशेषताएं । गुटनिरपेक्षता : अर्थ, विशेषताएं, प्रासंगिकता ।

Unit 3 : Foreign Policy of India : Determinating elements, characteristics. Non-alignment : meaning, features , relevance.

इकाई 4 : भारत का पड़ोसियों से सम्बंध – चीन, पाकिस्तान, नेपाल, श्रीलंका । भारत का महाशक्तियों से सम्बंध – संयुक्त राज्य अमेरिका, रूस, ब्रिटेन एवं फ्रांस

Unit 4 : Indias' relations with neighboring countries : China , Pakistan, Nepal, Sri lanka, Relations with Super Powers - USA, Russia, Britain and France.

इकाई 5 : अन्तर्राष्ट्रीय राजनीति के कुछ प्रमुख मुद्दे : पर्यावरणवाद । अन्तर्राष्ट्रीय आतंकवाद । वैश्वीकरण । मानव अधिकार । परमाणविक निशस्त्रीकरण ।

Unit 5 : Some major issues of International Politics :

Environmentalism, International Terrorism, Globalisation, Human Rights, Nuclear Disarmament.

Asai
29.6.2021
Dr. Amila Bani

RGum
01/07/2021

Sunita Mishra

gopalika
डा. मणिमोहन शुक्ला

HEMCHAND YADAV VISHWAVIDYALAYA, DURG (C.G.)

REVISED SYLLBUS

B. A. Part- III (Economics)

Subject: Development and Environmental Economics, Paper-I

UNIT 1

Economic Growth and Development: Factor affecting economic growth (Labour, capital and technology), Developed and under developed Economy, Poverty-absolute & relative, Marxian model of Economic Growth, Mahalanobis Model of Economic Growth. Balanced and unbalanced growth.

UNIT 2

Problems of Population and growth pattern of population. Theory of demographic transition. Population, poverty and environment. Schumpeter's theory of economic growth, Theory of Big-Push, Nelson's theory of low-level income equilibrium trap , Theory of Critical minimum efforts ,

UNIT 3

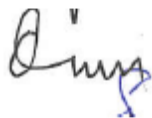
Harrod and Domar growth model, Solow's model of economic growth, Meades Neo classical models, , Mrs. Joan Robinson's growth model , A. Lewis theory of unlimited supply of labour.

UNIT 4

Environment: Environmental and use, environmental disruption as an allocation, problem. valuation of environmental damages- land, water , air & forest , prevention control and abatement of pollution, choice of policy instruments in developing countries, environmental legislation, indicators of sustainable development, environmental accounting



डॉ० प्र०/का० कागल



डॉ० डी. पी. कुरे



श्रीमती सुशीला शर्मा



डॉ० मुन्ना कागल



डॉ० रोहण प्रसाद

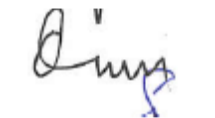
UNIT 5

Concept of Intellectual Capital : Food Security, Education, Health & Nutrition, Role of agriculture in economic development, Land reforms, Efficiency & Productivity in Agriculture, new technology & Sustainable agriculture, Globalization & agriculture growth, the choice of technique appropriate technology & employment.

Reference :-

1. Behrman, S. And T.N. Shrinivasan (1995) "Hand book of Development Economics," Vol 1, 2, & 3 Elsevier; Amsterdam.
2. Ghatak, S (1986) "An introduction to development Economics", Allen & Elnein, London.
3. Sen, A.K. (Ed.) 1990 "Growth Economics", Penguin, Harmonds worth.
4. Mehrotra, S. And J. Richard (1998), Development with a Human Face, Oxford University Press new Delhi.


डॉ० पी०के० सिंग


डॉ० पी०के० सिंग


श्रीमती सुशीला शर्मा


डॉ० सुधन कारवाल


डॉ० रोहण जलद

HEMCHAND YADAV VISHWAVIDYALAYA, DURG (C.G.)

REVISED SYLLBUS

B.A. Part- III (Economics)

Subject: Statistical Methods, Paper-II

UNIT 1

Statistics : Definition of Statistics, Importance and Limitations of Statistics, Importance of Statistics in Economics, Statistical investigation, Census and sampling methods of statistical investigation, Statistical data, Collections of Data, Primary & Secondary Data.

UNIT 2

Measuring of Central Tendency: Mean, Median, Mode, measures of Skewness, Probability-basic concepts meaning and definitions

UNIT 3

Dispersion: Meaning of Dispersion, Methods of measuring Dispersion, Range, Quartiles Deviation ,Mean Deviation, Coefficient of Mean Deviation, Standard Deviation.

UNIT 4

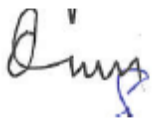
Correlation Analysis: Meaning and types of correlation ,Degree of correlation, Coefficient of correlation-Karl Pearson's Method, Spearman's Rank Difference Method. Probable error and standard error.

UNIT 5

Index Number- Methods of constructing of Index Numbers, Fisher's methods, Dorbish-Bowles method, Paasches method, Laspeyres method, Consumer price index numbers, Reversal test, Circular Test, Time series analysis-Meaning, Components of time series, Measurement of long term trend by average method.



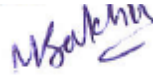
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डॉ० पी० पी० शर्मा



प्रो० सुशीला शर्मा



डॉ० सुधन शर्मा



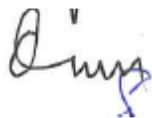
डॉ० रोहण प्रसाद

Reference :-

1. Shukla, S.M. and S.P. Sahay - "Quantitative Methods" Sahitya Bhawan Publication, Agra.
2. Agrawal, D.R., "Quantitative Methods", Vrinda Publications (P) Ltd.
3. Sancheti, D.C., "Quantitative Methods", Sultanchand and Sons, New Delhi.
4. Gupta, S.P. and others, "Quantitative Techniques", Sultanchad and Sons, New Delhi.
5. मेहता एवं मदनानी, अर्थशास्त्र में प्रारंभिक गणित, लक्ष्मीनारायण अग्रवाल, आगरा-3
6. Dr. Amrendra, "An Introduction to Mathematical concepts in Economics", Pragtisheel Prakashan, New Delhi.



डॉ० पी.आर. अग्रवाल



डॉ० डी.पी. चूरे



श्रीमती सुशीला शर्मा



डॉ० सुधना साहय



डॉ० रोहण प्रसाद

हेमचंद यादव विश्वविद्यालय, दुर्ग (छ.ग.)

बी.ए. तृतीय वर्ष
इतिहास

प्रश्न पत्र – प्रथम

भारत का इतिहास 1761 ई. से 1947 ई. तक

इकाई—1

1. भारत में यूरोपीयनों का आगमन
2. आंग्ल-फ्रांसीसी प्रतिस्पर्धा— कर्नाटक युद्ध
3. ब्रिटिश साम्राज्य का विस्तार — प्लासी एवं बक्सर युद्ध
4. ब्रिटिश साम्राज्य का विस्तार — वेलेजली की सहायक संधि, डलहौजी की हड़प नीति

इकाई—2

1. ब्रिटिश प्रशासनिक सुधार — लार्ड विलियम बेंटिंक
2. लार्ड कर्जन का प्रशासन
3. यूरोपीय वाणिज्यवाद का भारत में प्रभाव—उद्योगों व व्यापार का पतन

इकाई—3

1. विभिन्न सामाजिक वर्ग—कृषक, मजदूर, महिलाएं
2. कृषि का पतन एवं कृषक आंदोलन
3. भूराजस्व व्यवस्थाएं — स्थायी बंदोबस्त, रैयतवाड़ी, महालवाड़ी
4. भारतीय पुनर्जागरण—ब्रह्मसमाज, आर्यसमाज
5. मुस्लिम समाज सुधार आंदोलन—अलीगढ़ आंदोलन

इकाई—4

1. रेल यातायात का उद्भव एवं विकास
2. हस्तशिल्प उद्योगों का पतन
3. ईस्ट इंडिया कंपनी का रियासतों से संबंध
4. पाश्चात्य शिक्षा का विकास एवं प्रेस

इकाई—5

1. ब्रिटिश नियंत्रण काल में छत्तीसगढ़ की प्रशासनिक व्यवस्था
2. ब्रिटिश कालीन प्रशासनिक व्यवस्था
3. छत्तीसगढ़ में सामाजिक सुधार—कबीर पंथ एवं सतनाम पंथ
4. छत्तीसगढ़ की जनजातीय संस्कृति

डॉ. ज्योति चन्द्र

डॉ. राजेंद्र सिंग

डॉ. अनुराधा जोषी

संदर्भ ग्रन्थ सूची:-

- | | |
|------------------------|--|
| 1) एल.पी. शर्मा | - आधुनिक भारत |
| (2) ए.आर. देसाई | - आधुनिक राष्ट्रवाद की सामाजिक पृष्ठभूमि |
| (3) रजनी पामदत्त | - इंडिया टुडे |
| (4) ग्रोवर एवं यशपाल | - आधुनिक भारत का इतिहास एवं नवीन मूल्यांकन (1707-1969) |
| (5) एस.आर. शर्मा | - मेकिंग आफ मॉडर्न इंडिया |
| (6) प्रताप सिंह | - आधुनिक भारत-1, खंड-3 |
| (7) एम.एस. जैन | - आधुनिक भारत का इतिहास |
| (8) एस.पी. नायर | - सोशल एंड इकॉनामिक हिस्ट्री आफ मॉडर्न इंडिया |
| (9) S.P. Nanda | - Economic and Social History of Modern India |
| (10) V.A. Narain | - Social History of Modern India |
| (11) एग्नेस ठाकुर | - भारत का आर्थिक इतिहास (1757-1950) |
| (12) पुरी, दास, चोपड़ा | - भारत का सामाजिक आर्थिक एवं सांस्कृतिक इतिहास |
| (13) अरूण भट्टाचार्य | - हिस्ट्री आफ मॉडर्न इंडिया (1757-1947) |
| (14) नीलकंठ शास्त्री | - एडवांस हिस्ट्री ऑफ इंडिया |
| (15) आर.सी. मजुमदार | - ऐन एडवांस हिस्ट्री ऑफ इंडिया |
| एवं एच.सी. राय | |
| (16) कौलेश्वर राय | - आधुनिक भारत 1757-195 |
| (17) सीमा पाल | - भारतीय संस्कृति एवं ब्रिटिश उपनिवेशवाद |
| (18) यशपाल एवं ग्रोवर | - आधुनिक भारत का इतिहास |
| (19) शेखर बंदोपाध्याय | - प्लासी से विभाजन तक |
| (20) दीलीप मेनन | - आधुनिक भारत का इतिहास |
| (21) दीलीप मेनन | - कल्चरल हिस्ट्री ऑफ मॉडर्न इंडिया |
| (22) ए.पी.सिंह | - भारत में उपनिवेश |
| (23) घनश्याम शाह | - भारत में सामाजिक आंदोलन |
| (24) किशोर अग्रवाल | - बीसवीं शताब्दी का छत्तीसगढ़ |
| (25) अशोक शुक्ला | - छत्तीसगढ़ का राजनीतिक इतिहास |
| (26) भगवान सिंह वर्मा | - छत्तीसगढ़ का इतिहास |
| (27) सुरेश चंद्र | - छत्तीसगढ़ का समग्र इतिहास |
| (28) हीरालाल शुक्ल | - छत्तीसगढ़ का जनजातीय इतिहास |
| (29) आभा पाल एवं | - बस्तर का राजनीतिक, सामाजिक एवं आर्थिक इतिहास |
| डिग्वर नाथ खुटे | |

डॉ. ज्योति चक्रवर्ती

डॉ. राजेंद्र सिंग

डॉ. अनुसुया जोगी

हेमचंद यादव विश्वविद्यालय, दुर्ग (छ.ग.)

बी.ए. तृतीय वर्ष
इतिहास

प्रश्न पत्र – द्वितीय

भारत के राष्ट्रीय आन्दोलन का इतिहास 1857 ई. से 1947 ई. तक

इकाई-1

1. राष्ट्रवाद का उदय
2. 1857ई. की क्रांति : कारण एवं परिणाम
3. भारतीय राष्ट्रीय कांग्रेस की स्थापना – उद्देश्य, उदारवाद, उग्रवाद
4. बंगाल का विभाजन एवं स्वदेशी आंदोलन
5. क्रांतिकारी आंदोलन— प्रथम एवं द्वितीय चरण

इकाई-2

1. भारतीय राजनीति में साम्प्रदायिकता का उदय— मुस्लिम लीग की स्थापना
2. होमरूल आंदोलन
3. लखनऊ समझौता
4. गांधीवादी आंदोलन – असहयोग आंदोलन

इकाई-3

1. सविनय अवज्ञा आंदोलन
2. आदिवासी मजदूर एवं कृषक आंदोलन
3. भारत छोड़ो आंदोलन
4. आजाद हिन्द फौज

इकाई-4

1. भारत का विभाजन एवं स्वतंत्रता
2. रियासतों का विलिनीकरण
3. भारतीय संविधान की प्रमुख विशेषताएं
4. छत्तीसगढ़ में 1857ई. की क्रांति— नारायणसिंह एवं हनुमानसिंह

इकाई-5

1. बस्तर का मुरिया विद्रोह एवं भूमकाल आंदोलन
2. छत्तीसगढ़ में गांधीवादी आंदोलन
3. छत्तीसगढ़ में रियासतों का विलिनीकरण

डॉ. ज्योति चन्द्र

डॉ. राजेंद्र सिंग

डॉ. अनुराधा जोषी

संदर्भ ग्रन्थ सूची:-

- | | |
|-----------------------------------|--|
| (1) ताराचंद | - भारतीय स्वाधीनता आंदोलन का इतिहास भाग 1 व 2 |
| (2) सुमित सरकार | - आधुनिक भारत |
| (3) पं.सुंदरलाल शर्मा | - भारत में अंग्रेजी राज |
| (4) डॉ. आभा सक्सेना | - इंडियन नेशनल मूवमेंट एंड द लिबरलस |
| (5) ए.आर. देसाई | - भारतीय राष्ट्रवाद की सामाजिक पृष्ठभूमि |
| (6) शर्मा एवं शर्मा | - भारतीय राष्ट्रीय आंदोलन एवं राजनैतिक विकास |
| (7) कौलेश्वर राय | - फ्रीडम स्ट्रगल |
| (8) विपिन चन्द्र | - भारतीय स्वतंत्रता संग्राम का इतिहास |
| (9) बीरकेश्वर प्रसाद सिंह | - भारतीय राष्ट्रीय आंदोलन एवं संवैधानिक विकास |
| (10) रामलखन शुक्ला | - आधुनिक भारत का इतिहास |
| (11) विनोद कुमार सक्सेना | - द पार्टीशन ऑफ बंगाल |
| (12) के.पी. बहादुर | - हिस्ट्री ऑफ फ्रीडम मूवमेंट इन इंडिया |
| (13) योगेन्द्र श्रीवास्तव | - हिस्ट्री ऑफ फ्रीडम मूवमेंट 1857-1947 |
| (14) यशपाल एवं ग्रोवर | - आधुनिक भारत का इतिहास |
| (15) कौलेश्वर राय | - आधुनिक भारत 1757-1950 |
| (16) दामोदर धर्मानंद कौसंबी | - भारतीय इतिहास का अध्ययन |
| (17) उषा ठक्कर एवं जयश्री मेहता | - गांधी बोध |
| (18) माधुरी बोस | - बोस बंधु और भारतीय स्वतंत्रता |
| (19) अजय गुडावर्थी | - भारत में राजनीतिक आंदोलनों का समकालीन इतिहास |
| (20) एम.आजाद | - आजादी का कहानी |
| (21) ए.पी. सिंह | - भारत में राष्ट्रवाद |
| (22) सुमीत सरकार | - मॉडर्न टाइम्स |
| (23) रजनी कोठारी | - पोलिटिक्स इन इंडिया |
| (24) एम.के. गांधी | - हिन्द स्वराज |
| (25) किशोर अग्रवाल | - बीसवीं शताब्दी का छत्तीसगढ़ |
| (26) अरविंद शर्मा | - छत्तीसगढ़ का इतिहास |
| (27) अशोक शुक्ला | - छत्तीसगढ़ का राजनीतिक इतिहास |
| (28) भगवान सिंह वर्मा | - छत्तीसगढ़ का इतिहास |
| (29) सुरेश चंद्र | - छत्तीसगढ़ का समग्र इतिहास |
| (30) सुरेश चंद्र शुक्ला, | - छत्तीसगढ़ की रियासतों का विलीनीकरण एवं अर्चना शुक्ला |
| (31.) आभा पाल एवं डिश्वर नाथ खुटे | - बस्तर का राजनीतिक, सामाजिक एवं आर्थिक इतिहास |

डॉ. ज्योति चक्रवर्ती

डॉ. राजेन्द्र सिंग

डॉ. अनुसुया जोगी

B.A. /B. Sc. Part III
PAPER - I
REMOTE SENSING AND GIS
Max. Marks: 50

- Unit I** Basics of Remote Sensing: definition, history, and Scope; Electro-magnetic Radiation: Characteristics, Spectral regions and Bands; Interaction with earth surface features and atmosphere; Spectral Signature.
- Unit II** Types of Remote Sensing: Air borne and Space borne; Aerial photos: Types and Characteristics; Remote Sensing satellites: Platforms and sensors: active and passive, sensor characteristics: spatial resolution, spectral resolution, radiometric resolution, temporal resolution. Product.
- Unit III** Visual and Digital image processing techniques; Remote Sensing application in resource mapping and environmental monitoring, remote sensing in India: development and Growth. Indian Satellites, Space Organizations and data products.
- Unit IV** Introduction of GIS: Definition of Geoinformatics, Scope and Importance of Geoinformatics, History of GIS, Components of GIS, Functions of GIS, GIS tasks- Input, Manipulation, Management, Query analysis, Visualization, Toposheets, Surveying, Aerial photographs, Satellite data and images, Data types-Spatial and Non spatial.
- Unit V** Data model and data analysis: Raster data and their characteristics, Vector data and their characteristics, Raster data analysis- grid cells or Pixels. Vector data analysis- Spatial data, Generation in Vector Format, Spatial and Non –Spatial data Management. Spatial information Technology

Books Recommended:

1. Bhatta, B. (2010): Remote Sensing and GIS, Oxford University Press, New Delhi.
2. Campbell, J.B. (2002): Introduction to Remote Sensing. 5th edition, Taylor and Francis, London
3. Curran, P.J. (1985): Principles of Remote Sensing, Longman, London
4. Kang-tsung Chang (2003) Geographic Information Systems, Tata McGraw Hill, New Delhi
5. Lillesand, T.M. and Kiefer, R.W. (2000): Remote Sensing and Image Interpretation. 4th edition. John Wiley and Sons, New York
6. Lo Albert, C.P., and Young, K.W (2003) Concepts and Techniques of Geographical Information Systems, Prentice Hall of India Pvt. Ltd., New Delhi.
7. Nag Prithvish and Kudrat M. (1998): Digital Remote Sensing, Concept Publishing Company, New Delhi
8. Star J, and J. Estes, (1994), Geographic Information Systems: An Introduction, Prentice Hall, New Jersey.
9. Williams J. (1995): Geographic information from space, John Wiley and Sons, England,

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Dr. Singh
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Dr. Bhatnagar
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B.A./B.Sc Part III
PAPER - II
GEOGRAPHY OF CHHATTISGARH
Max. Marks: 50

- Unit I** Physical Features : Geological Structure, Relief and Physiographic Regions, Drainage, Climate.
- Unit II** Natural Resources : Soils – Types, characteristics and their Distribution. Water Resources (Major Irrigation and Hydel Power Projects), Forests-types, Distribution, Conservation of Forest. Mineral Resources-iron-ore, Coal, Dolomite Lime stone, Bauxite, etc. Power Resources of Chhattisgarh.
- Unit III** Agriculture and Populations – Agriculture: Cereals, Pulses and other crops. Population: Growth, Distribution, and Density; Tribal Populations; and Urban and Rural Population.
- Unit IV** Industries - Iron and Steel, Cement, Sugar, Aluminum; Industrial Regions of Chhattisgarh.
- Unit V** Trade and Transport, Tourism, Socio-Economic Development of Chhattisgarh.

Books Recommended:

1. Jha, Vibhash Kumar and Saumya Naiyyar (2013) Chhattisgarh Samagra, Chhattisgarh Rajya Hindi Granth Akadmi, Raipur
2. Kumar, Pramila (2003): Chhattisgarh Ek Bhugolik Addhyayan. Madhya Pradesh Hindi Granth Akadmi, Bhopal
3. Nagesh Jitendra and at all (2014): Chhattisgarh Sandarbh 2014 Jansanmpark Vibhag, C.G. Govt., Raipur
4. Tiwari, Vijay Kumar (): Geography of Chhattisgarh, Himalya Publishing House, Pvt. Ltd
5. Tripathi, Kaushlendra and Pursottam Chandrakar (2001): Geography of Chhattisgarh, Shardaprakashan, Aazad Nagar , Bilaspur.
6. Verma ,L.N. (2017): Geography of Chhattisgarh, Madhya Pradesh Hindi Granth Akadmi, Bhopal

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B.A./B.Sc Part III

PAPER - III

PRACTICAL GEOGRAPHY

Max. Marks: 50

SECTION A

MAP READINGS AND INTERPRETATION

(M.M. 20)

- Unit I** Graphical Representation: Band graph, Climograph, Square root, Cube-root.
- Unit II** Topographical Sheets: Classification and numbering system (National and International), Interpretation of Topographical Sheets with respect to cultural and physical features.
- Unit III** Satellite Imageries: Describing the Marginal Information, Image interpretation: Visual Methods –Landuse /Landcover Mapping. Use and Application of GPS.

SECTION B

SURVEYING AND FIELD REPORT

(M.M.20)

- Unit IV** Surveying: Plane Table Survey, Basic Principles of plane table surveying, Plane table survey including intersection and resection.
- Unit V** Field work and field report: physical, social and economic survey of a micro-region.

PRACTICAL RECORD AND VIVA VOCE

(M.M.10)

Books Recommended:

1. Archer, J.E. and Dalton, T.H. (1968): *Field Work in Geography*. William Clowes and Sons Ltd. London and Beccles.
2. Bolton, T. and Newbury, P.A. (1968): *Geography through Fieldwork*. Blandford Press, London.
3. Campell, J. B. (2003): *Introduction to Remote Sensing*. 4th edition. Taylor and Francis, London.
4. Chaunial, D. D. (2004): *Remote Sensing and Geographical Information System(in Hindi)*, Sharda Pustak Bhawan, Allahabad
5. Cracknell, A. and Ladson, H. (1990): *Remote Sensing Year Book*. Taylor and Francis, London.
6. Curran, P.J. (1985): *Principles of Remote Sensing*. Longman, London.
7. Davis, R.E. and Foote, F.S. (1953): *Surveying*, 4th edition, McGraw Hill Publication, New York
8. `
9. Deekshatulu, B.L. and Rajan, Y.S. (ed.) (1984): *Remote Sensing*. Indian Academy of Science, Bangalore.
10. Floyd, F. and Sabins, Jr. (1986): *Remote Sensing: Principles and Interpretation*. W.H. Freeman, New York.
11. Gautam, N.C. and Raghavswamy, V. (2004). *Land Use/ Land Cover and Management Practices in India*. B.S. Publication., Hyderabad.

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12. Jensen, J.R. (2004): Remote Sensing of the Environment: An Earth Resource Perspective. Prentice-Hall, Englewood Cliffs, New Jersey. Indian reprint available.
13. Jones, P.A.(1968): Fieldwork in Geography, Longmans, Green and Company Ltd., First Publication, London
14. Kanetker, T.P. and Kulkarni, S.V.(1967): Surveying and Levelling, Vol I and II V.G. Prakashan, Poona.
15. Lillesand, T.M. and Kiefer, R.W. (2000): Remote Sensing and Image Interpretation. John Wiley and Sons, New York.
16. Monkhouse, F. J. (1985): Maps and Diagrams. Methuen, London.
17. Nag, P. (ed.) (1992): Thematic Cartography and Remote Sensing. Concept Publishing Company, New Delhi.
18. Natrajan, V. (1976): Advanced Surveying, B.I. Publications., Mumbai.
19. Rampal, K.K. (1999): Handbook of Aerial Photography and Interpretation. Concept Publishing. Company, New Delhi.
20. Raisz, E. (1962): Principles of Cartography, McGraw Hill, New York.
21. Robinson, A. H., Sale. R. D., Morrison, J. L. and Muehrcke, P. C. (1984): Elements of Cartography. 5th edition, John Wiley and Sons, Inc. New York.
22. Sarkar, A. K. (1997): Practical Geography: A Systematic Approach. Orient Longman, Kolkata
23. Sharma, J. P. (2001): *Prayogik Bhugol*., Rastogi Publication, Meerut 3rd. edition.
24. Singh, R.L. and Singh Rana P.B. (1993): *Elements of Practical Geography*. (Hindi and English editions). Kalyani Publishers, New Delhi.
25. Stoddard, Robert H. (1982): *Field Techniques and Research Methods in Geography*. Kendall/Hunt Pub. Dubuque IO.

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बी.ए./बी.एस.सी. तृतीय वर्ष
प्रश्न पत्र-प्रथम
सुदूर संवेदन एवं भौगोलिक सूचना प्रणाली

अधिकतम अंक: 50

- इकाई —1 :** सुदूर संवेदन का अर्थ तथा आधारभूत संकल्पना : परिभाषा, इतिहास, एवं विषय क्षेत्र; विद्युत चुम्बकीय विकिरण : विशेषताएँ, वर्णक्रमीय (SPECTRAL) प्रदेश एवं बैंड; पृथ्वी के धरातल एवं वायुमण्डल के साथ विकिरण अर्जा की अन्योन्यक्रिया, वर्णक्रमीय (SPECTRAL)लक्षण ।
- इकाई —2 :** सुदूर संवेदन के प्रकार : वायु जनित एवं अंतरिक्ष जनित; हवाई छायाचित्र : प्रकार एवं विशेषताएँ; सुदूर संवेदन उपग्रह : प्लेटफार्म एवं संवेदक : सक्रिय एवं निष्क्रिय, संवेदक की विशेषताएँ : स्थानिक विभेदन, वर्णक्रमीय (SPECTRAL) विभेदन, रेडियोमेट्रिक विभेदन, अल्पकालिक विभेदन, उत्पाद ।
- इकाई —3 :** चाक्षुष एवं अंकीय बिम्ब प्रक्रियान्वयण तकनीक; संसाधन मानचित्रण एवं पर्यावरण नियंत्रण में सुदूर संवेदन अनुप्रयोग, भारत में सुदूर संवेदन; उद्भव एवं विकास ।
- इकाई —4 :** भौगोलिक सूचना प्रणाली का परिचय : भूसूचना की परिभाषा, भूसूचना का महत्व एवं विषय क्षेत्र, भौगोलिक सूचना प्रणाली का इतिहास, जी0 आई0 एस0 की संकल्पना, जी0 आई0 एस0 के कार्य — आंकड़ा प्रवेश, संचालन, परिचालन, प्रबंधन, त्रुटि संसूचन, विश्लेषण एवं प्रदर्शन, धरातलपत्रक, सर्वेक्षण, हवाई बिम्ब, उपग्रह आंकड़े एवं बिम्ब, आकड़ों के प्रकार धरातलीय एवं अधरातलीय या लाक्षाणिक ।
- इकाई—5 :** आंकड़ा मॉडल एवं आंकड़ा विश्लेषण : रॉस्टर आंकड़ा एवं उसकी विशेषताएँ, वेक्टर आंकड़ा एवं उसकी विशेषताएँ, रास्टर आंकड़ा विश्लेषण : ग्रिड सेल अथवा पिक्सल, वेक्टर आंकड़ा विश्लेषण धरातलीय आंकड़ा, वेक्टर प्रारूप की रचना धरातलीय एवं अधरातलीय आंकड़ा प्रबंधन, धरातलीय सूचना तकनीक ।

Books Recommended:

1. Bhatta, B. (2010): Remote Sensing and GIS, Oxford University Press, New Delhi.
2. Campbell, J.B. (2002): Introduction to Remote Sensing. 5th edition, Taylor and Francis, London
3. Curran, P.J. (1985): Principles of Remote Sensing, Longman, London
4. Kang-tsung Chang (2003) Geographic Information Systems, Tata McGraw Hill, New Delhi
5. Lillesand, T.M. and Kiefer, R.W. (2000): Remote Sensing and Image Interpretation. 4th edition. John Wiley and Sons, New York
6. Lo Albert, C.P., and Young, K.W (2003) Concepts and Techniques of Geographical Information Systems, Prentice Hall of India Pvt. Ltd., New Delhi.
7. Nag Prithvish and Kudrat M. (1998): Digital Remote Sensing, Concept Publishing Company, New Delhi
8. Star J, and J. Estes, (1994), Geographic Information Systems: An Introduction, Prentice Hall, New Jersey.
9. Williams J. (1995): Geographic information from space, John Wiley and Sons, England,
10. चौनियाल, देवी दत्त (2004), सुदूर संवेदन एवं भौगोलिक सूचना प्रणाली, शारदा पुस्तक भवन, इलाहाबाद-2.

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बी.ए./बी.एस.सी. तृतीय वर्ष
प्रश्न पत्र-द्वितीय
छत्तीसगढ़ का भूगोल

अधिकतम अंक : 50

- इकाई -1. भौतिक स्वरूप भौमिकीय संरचना उच्चावच, भूआकृतिक प्रदेश, अपवाह, जलवायु ।
- इकाई -2. प्राकृतिक संसाधन-मिट्टी, प्रकार, विशेषताएँ, वितरण, जलसंसाधन: प्रमुख सिंचाई और बहुउद्देशीय परियोजनाएँ, वन : प्रकार, वितरण, वनों का संरक्षण, खनिज संसाधन – लौह अयस्क, कोयला डोलोमाइट, चुना पत्थर और बाक्साइट छत्तीसगढ़ में शक्ति के संसाधन ।
- इकाई -3. कृषि- प्रमुख खाद्यान्न फसलें, दलहन एवं अन्य फसलें, जनसंख्या- वृद्धि, वितरण और घनत्व, जनजातिय जनसंख्या । ग्रामीण और नगरीय जनसंख्या ।
- इकाई -4. उद्योग, लौह इस्पात उद्योग, सिमेंट चीनी, एल्युमिनीयम, छत्तीसगढ़ के औद्योगिक प्रदेश ।
- इकाई -5. व्यापार, परिवहन, पर्यटन, छत्तीसगढ़ का सामाजिक आर्थिक विकास ।

Books Recommended:

1. Jha, Vibhash Kumar and Saumya Naiyyar (2013) Chhattisgarh Samagra, Chhattisgarh Rajya Hindi Granth Akadmi, Raipur
2. Kumar, Pramila (2003): Chhattisgarh Ek Bhugolik Addhyayan. Madhya Pradesh Hindi Granth Akadmi, Bhopal
3. Nagesh Jitendra and at all (2014): Chhattisgarh Sandarbh 2014 Jansanmpark Vibhag, C.G. Govt., Raipur
4. Tiwari, Vijay Kumar (): Geography of Chhattisgarh, Himalya Publishing House, Pvt. Ltd
5. Tripathi, Kaushlendra and Pursottam Chandrakar (2001): Geography of Chhattisgarh, Shardaprakashan, Aazad Nagar , Bilaspur.
6. Verma ,L.N. (2017): Geography of Chhattisgarh, Madhya Pradesh Hindi Granth Akadmi, Bhopal

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29.6.2021

बी.ए./बी.एस.सी. तृतीय वर्ष
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प्रायोगिक भूगोल

अधिकतम अंक : 50

खण्ड (अ)

मानचित्र पठन एवं निर्वचन

20

इकाई -1. बैन्ड ग्राफ, हीदर ग्राफ, क्लाइमोग्राफ, पवनारेख ।

इकाई -2. भारतीय स्थलाकृतिक मानचित्र की व्याख्या प्रकार, वर्गीकरण धरतलीय मानचित्र के प्रकार एवं विप्लेषण, राष्ट्रीय एवं अन्तराष्ट्रीय, भौतिक एवं सांस्कृतिक तत्वों के आधार पर विप्लेषण ।

इकाई -3. उपग्रह बिम्ब : प्रारम्भिक सूचनाओं की व्याख्या बिम्ब निर्वचन : चाक्षुश विधि – भूमि उपयोग भूमि आच्छादन मानचित्रण, जी0 पी0 एस0 का उपयोग एवं अनुप्रयोग ।

खण्ड (ब)

सर्वेक्षण एवं क्षेत्रीय प्रतिवेदन

20

इकाई -4. सर्वेक्षण , समपटल सर्वेक्षण, प्रतिच्छेदन एवं स्थिति निर्धारण ।

इकाई -5. भूगोल में क्षेत्रीय कार्य का महत्व किसी छोटे क्षेत्र का भौतिक सामाजिक आर्थिक सर्वेक्षण और रिपोर्ट तैयार करना ।

प्रायोगिक पुस्तिका और मौखिक परिक्षण परीक्षा

10

Books Recommended:

1. Archer, J.E. and Dalton, T.H. (1968): *Field Work in Geography*. William Clowes and Sons Ltd. London and Beccles.
2. Bolton, T. and Newbury, P.A. (1968): *Geography through Fieldwork*. Blandford Press, London.
3. Campell, J. B. (2003): *Introduction to Remote Sensing*. 4th edition. Taylor and Francis, London.
4. Chaunial, D. D. (2004): *Remote Sensing and Geographical Information System*(in Hindi), Sharda Pustak Bhawan, Allahabad
5. Cracknell, A. and Ladson, H. (1990): *Remote Sensing Year Book*. Taylor and Francis, London.
6. Curran, P.J. (1985): *Principles of Remote Sensing*. Longman, London.
7. Davis, R.E. and Foote, F.S. (1953): *Surveying*, 4th edition, McGraw Hill Publication, New York
8. `
9. Deekshatulu, B.L. and Rajan, Y.S. (ed.) (1984): *Remote Sensing*. Indian Academy of Science, Bangalore.
10. Floyd, F. and Sabins, Jr. (1986): *Remote Sensing: Principles and Interpretation*. W.H. Freeman, New York.
11. Gautam, N.C. and Raghavswamy, V. (2004). *Land Use/ Land Cover and Management Practices in India*. B.S. Publication., Hyderabad.
12. Jensen, J.R. (2004): *Remote Sensing of the Environment: An Earth Resource Perspective*. Prentice-Hall, Englewood Cliffs, New Jersey. Indian reprint available.
13. Jones, P.A.(1968): *Fieldwork in Geography*, Longmans, Green and Company Ltd., First Publication, London

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14. Kanetker, T.P. and Kulkarni, S.V.(1967): Surveying and Levelling, Vol I and II V.G. Prakashan, Poona.
15. Lillesand, T.M. and Kiefer, R.W. (2000): Remote Sensing and Image Interpretation. John Wiley and Sons, New York.
16. Monkhouse, F. J. (1985): Maps and Diagrams. Methuen, London.
17. Nag, P. (ed.) (1992): Thematic Cartography and Remote Sensing. Concept Publishing Company, New Delhi.
18. Natrajan, V. (1976): Advanced Surveying, B.I. Publications., Mumbai.
19. Rampal, K.K. (1999): Handbook of Aerial Photography and Interpretation. Concept Publishing. Company, New Delhi.
20. Raisz, E. (1962): Principles of Cartography, McGraw Hill, New York.
21. Robinson, A. H., Sale. R. D., Morrison, J. L. and Muehrcke, P. C. (1984): Elements of Cartography. 5th edition, John Wiley and Sons, Inc. New York.
22. Sarkar, A. K. (1997): Practical Geography: A Systematic Approach. Orient Longman, Kolkata
23. Sharma, J. P. (2001): *Prayogik Bhugol.*, Rastogi Publication, Meerut 3rd. edition.
24. Singh, R.L. and Singh Rana P.B. (1993): *Elements of Practical Geography*. (Hindi and English editions). Kalyani Publishers, New Delhi.
25. Stoddard, Robert H. (1982): *Field Techniques and Research Methods in Geography*. Kendall/Hunt Pub. Dubuque IO.

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B.A. -IIIrd Year

MUSIC

PAPER - I

THEORY OF INDIAN MUSIC-VOCAL/INSTRUMENTAL

M.M.:50

SESSION - 2021-22

- I.** Definitions and Elementary Knowledge of the following terms : Shruti, Gram, Murchana, Jaati, Sadaj-Pancham Bhav, Sadaj-Madhyam Bhav, Sadjantar Bhav, Chatuh Sarana by acharya Bharat, Praman Shruti, Kaku Bhed, Jhala, Razakhani gat, Maseetkhani gat, Toda.
- II.** Introduction of Harmony and Melody Characteristics and comparative study of Harmony and Melody.
- III.** Methods of Placement of swars :
 - (a) Method of placing shudha and Vilkriti Swaras on Veena by Ahobal, Pt. Srinivas and Pt. V.N. Bhatkhande.
 - (b) Shruti Swar system of different granthakars (authors) Ancient, Medieval and Modern period.
- IV.** Evolution and Development of Swar Saptaka of western and Indian scales :
 - (a) Pythagorean Scale.
 - (b) Scale from Sadaj-Pancham Bhav,
 - (c) Scale from Sadaj-Madhyam Bhav,
 - (d) Equally tempered Scale
 - (e) Diatonic Scale
 - (f) Mean tempered Scale
 - (g) Concept of Acharya Bharat and Bilawal Thata.
 - (h) Chromatic Scale.
- V.** Definition and prime elements of Gharana and their history.

Gwalior, Agra, Kirana, Patiyala, Jaipur, Senia Gharana of Instrumental Music.
- VI.** Definition of Gram and Gram Bhed -

Shadj Gram, Madhyam Gram, Gandhar Gram and their Swaras.
- VII.** Writing of Talas in Natation with Dugun and Chaugun layakaris in all the Talas prescribed in Ist and IInd Year.

16/03/2021

PAPER - II
THEORY OF MUSIC-VOCAL/INSTRUMENTAL
SESSION – 2020-21

M.M.:50

1. Study of Theoretical details of Ragas prescribed for practical course and their comparative study.
2. Writing in notation of Bandish / Gat of prescribed Ragas.
3. Biographics and contributions of the musicians : Haddu - Hassu khan, Inayat Kan, Pandit Omkar Nath Thakur, Matang, Ramamatya, Srinivas, Lochan, Hridaya Narayan Dev, Somnath, Bhav Bhatta.
4. History of Indian Music: Medieval and Modern period; Analytical study of the styles, position and effects of granthkaras and eminent musician of medieval and modern Period.
5. Classical Music and Folk Music : Comparative study of Classical and Folk music. Intensive study of the Folks of Chhattisgarh.
6. Voice-Culture : Definition, Importance and utility of voice-culture. Construction of throat and production of sound. General Scientific methods of voice-culture.
7. Guided listening to Radio and T.V. national Programmes of Indian classical Music and ability to write their critical appreciation.
8. Essay on topics related to music.



PRACTICAL

VOCAL/INSTRUMENTAL

- I. Study of Eight Ragas from the following:

Ramkali, Jaijaiwanti, Miyan ki Malhar, Pooriya, Basant, Bahar, Darbari Kanhada, Miyan ki Todi, Adana, Kalavati, Hansdhwani, Shuddhkalyan, Pooriyadhanashri, Marwa.

1. Two Vilambit Khayalas / Maseethkhani Gats in any of the above mentioned Ragas with Alap and Tanas / Todas.

One Vilambit Khayalas / Maseethkhani / Gat choice Raga and one asked by the examiner.

(5+5 = 10 marks)

3. Lakshan Geets, Sargams, Madhayalaya Khyals / Razakhani Gats with Tanas / Todas in All the eight Ragas.

(5+5 = 10 marks)

4. Study of One Dhrupad and one dhamar with Dugun, Tigun Chaugun / study of Two Madhayata gats in other than Trital out of the Ragas prescribed in the course. 8 marks

5. Study of one Tarana, One Bhajan / One Dhun. 4 marks

6. Ability to demonstrate (orally by given Tali Khali on hand) Talas prescribed in 1st year And IInd year Matta Tala, Panjabi Trital, Ganesh Tal, Rudra Tala. 4 marks

SESSIONAL WORK

1. Keeping upto date practical and theory note Books. Attendance and activities in the class and college.
2. Ten descriptions of Music programmes of Radio, T.V. or personally attended.



BOOK RECOMMENDED:

1. Kramik pustak Malika Part I, II, III, IV by Pt. V.N. Bhatkhande.
2. Sangeetanjali Part I, II, III, IV, V, VI by Pt. Omkarnath Thakur.
3. Raga Vigyan Part I, II, III, IV, V by Pt. V.N. Patvardhan.
4. Rag Bodh. B.R. Devdhar, Part I, II & III.
5. Sitar Vadan, S.G. Vyas.
6. Sangeet Visharad, Vasant
7. Sangeet Bodh - S.C. Paranjape
8. Sangeet Darshika - Navigopal Banerjee
9. Sangeet Shastra Darpan - Shanti Gowardhan Part I, II & III
10. Dawadhavi and Sangeet - Lalit Kishore singh
11. Shrimallakshay Sangeetam- Chatur Pandit.

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16/03/2021



Hemchand Yadav Vishwavidyalaya, Durg (C.G)

B. A. - III

PSYCHOLOGY

Paper	Name of the Paper	Max. Marks	Duration
I	Psychological Statistics	50	3 hrs.
II.	Human Development/ or Environmental Psychology	50	3 hrs.
III.	Practicum	50	4 Hrs.

PAPER - I

PSYCHOLOGICAL STATISTICS

M.M.: 50

Note: This paper consists of five units. From each unit a minimum of two questions would be set and the candidates would be required to attempt one from the each unit.

UNIT-1 Statistics: Meaning and Application in Psychology; Nature of Score, Categorical and Continuous variables; Frequency Distribution; Graphic representation of data.

UNIT-2 Measures of Central Tendency: Mean, Median and Mode of grouped and ungrouped data, Measures of Variability: Range, Standard Deviation (S.D.), Quartile Deviation (Q.D.), Average Deviation (A.D.). Applications of the measures of Central Tendency and Variability.

UNIT-3 Nature and Characteristics of Normal Probability Curve (NPC): The concept of Skewness and Kurtosis; Correlation: Concept, Types and Methods- Rank Difference and Product Moment (in ungrouped data).

UNIT-4 Inferential Statistics: Concept of Null Hypothesis; Level of Significance; Type-I Error & Type-II Error, t-test (for uncorrelated data).

UNIT-5 Distribution-Free Statistics: Chi-square test, Median and Sign test. Applications of Computer in Psychological Statistics.

References

1. Siegel, S. (1994). Non Parametric Statistics. New York: McgrawHill.
2. Garret. Statistics in Psychology and Education. Times of India Publisher.
3. कपिल एच. क.। सांख्यिकी क मूल तत्व।
4. गरट। मनाविज्ञान एव शिक्षा म सांख्यिकी।

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B. A. - III

PSYCHOLOGY

PAPER- II (Optional)

(A) HUMAN DEVELOPMENT

M.M.:50

Note: This paper consists of five units. From each unit a minimum of two questions would be set and the candidates would be required to attempt one from the each unit.

UNIT-I The Concept of Human Development; Theories of Human Development: Psycho-analytical and Maslow's (Humanistic); Determinants of Human Development: Biological, Social, and Cultural; Approaches to study Human Development: Longitudinal and Cross-sectional.

UNIT-II Socialization: Role of Family, Peers and School; Media and Socialization; Cognitive Development: Theoretical Perspectives- Piaget's, Information Processing, Vygotsky's.

UNIT-III Self and Identity: Emergence of Self; Development of Personal Identity; Identity Crises; Physical and Sexual Development; Sequential Development of Emotions.

UNIT-IV Development of Morality and Self-control; Development of Gender Differences and Gender Roles; Role of Marriage, Family and Occupation in Human Development.

UNIT-V Problems of Aging: Cognitive, Conative, and Affective; Developmental Disabilities.

References

1. Berk L.E. (1989) Child Development. Boston: Allyn and Bacon.
2. Santrock, J.W. (1999). Lifespan Development. New York: McGraw-Hill.
3. Hurlock, E.B. (1997). Developmental Psychology: A Life-span Approach.
4. शाह, गोवर्धन विकासात्मक मनोविज्ञान।

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B. A. - III

PSYCHOLOGY

PAPER- II (Optional)

(B) ENVIRONMENTAL PSYCHOLOGY

M.M.:50

Note: This paper consists of five units. From each unit a minimum of two questions would be set and the candidates would be required to attempt one from the each unit.

UNIT-1 Evaluating Environmental Ethics from Values about nature in the ancient Indian systems; Earth as a Living System; Psychological Approaches to the Environment: Eco Cultural Psychology (Berry), Bio-social Psychology (Dawson), Ecological Psychology (Berkar), and Person Environment Transactions (Sokols, Iteelson etc.)

UNIT-2 Effects of Environment on Behavior: Noise Pollution, Chemical Pollution, Crowding and Personal Space; Effect of Behavior on Environment: Perception, Preferences and Awareness of Environment.

UNIT-3 Human Nature and Environmental Problems; Pro-social and pro environment Behaviors; Eco-systems and their components; Demography: Mortality and Fertility; Resource Use: Common Property Resources; Sustainable Development; Ecology: Acculturation and Psychological Adaptation.

UNIT-4 Methods: Naturalistic Observation and Field Surveys; Environmental Assessment: Naturalistic Observation and Field Surveys; Socio-psychological Dimensions of Environments Impact; Environmental Deprivation: Nature and Consequences; Creating Environmental Awareness: Social Movements: Chipko, Tehri, and Narmada Bachao.

UNIT-5 Applications of Psychology in Man Environment Fit: Education- Classroom Environment, Industry- Industrial/ Organisational Effectiveness, Health- Physical, Mental and Spiritual, Social- Communal harmony and National integration.

References

1. Goldsmith, E. (1991). The Way: The Ecological World. Boston: Shambhala.
2. Jain, U. (1987). The Psychological Consequences of Crowding. New Delhi: Sage.
3. Mishra, R.C., Sinha, D & Berry, J.W. (1996). Ecology, Community and Life style. New Delhi.

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B. A. - III
PSYCHOLOGY
PAPER- III
PRACTICUM

M.M.:50

Note: This paper consists of two parts:

Part-A

- (a) Comprises of Laboratory **Experiments**.
(b) Comprises of Psychological **Testing** and understanding of self and others.
(a) **Experiments** (Any five of the following):-

1. Bilateral Transfer of Training.
2. Measurement of Illusion.
3. Habit Interference.
4. Effect of Need priority on Selection of advertising material.
5. Effect of Mental Fatigue on Performance.
6. Reaction Time.
7. Effect of Frustration on Learning.
8. Depth Perception.

- (b) **Psychological Tests** (Any four of the following):-

1. Level of Aspiration.
2. Need for Guidance.
3. Maturity Scale.
4. Attitude Scale.
5. Classroom Environment Scale.
6. Mental Health.
7. Family Environment Test
8. Test of Moral Values.

Part- B

The candidate will be allotted a topic of the project by the departmental committee. He/she is required to carry out a small scale project based on a small sample. He/she is required to complete the project and submit its report in 15-20 pages, covering all the major steps of scientific enquiry under the supervision of a departmental teacher. This will be the part of practical work. The suggested areas for the project work are as under Mental Health, Sibling Rivalry, Deprivation, Identity Crises, Drug Abuse, Aging, Media effect, Woman Employment, Job Satisfaction, Stress, Stress Management, and Problems of Adolescents etc.

Distribution of Marks

Conduction of Experiment	-	10 marks
Administration of test	-	10 marks
Evaluation of Project Report and Practical record	-	10 marks
Viva - Voce	-	10 marks

Dee
10/3/21

Thomas
10.3.21

Sh
10-03-21

Dee
10.03.21

Rach
10/3/21

B.A./B.Sc. – Third Year

Session: 2021-22

Name of the Subject :- Anthropology
Paper :- First
Name of the Paper :- "FUNDAMENTALS OF HUMAN GENETICS, HUMAN GROWTH AND NUTRITION"

Total Marks : 50

Pass Marks : 17

Syllabus

- UNIT-I Human Genetics: History, aims, scope and its application to human society
Cell Division: Mitosis and Meiosis; Mendelism
Chromosomes: Normal and Abnormal chromosomes.
Concept of Genes, DNA & RNA.
Types of Inheritance: Autosomal (Dominant and Recessive) & Sex linked Inheritance.
- UNIT-II Human Growth: Definition and scope of Human growth, Methods of studying human growth and development, Ageing
- UNIT-III Types of twins and their importance in genetic investigation.
Inheritance of ABO Blood groups, P.T.C., Colour blindness and dermatoglyphics. Genetic Counselling, Eugenics.
Population Genetics: Hardy- Weinberg Law
- UNIT-IV Nutrition: Nutritional requirement for normal growth. Common Nutritional disorders (Protein, Fat, Carbohydrate, Minerals and Vitamins).
- UNIT-V Ecology: Definition and Scope, Varieties of human ecosystems
Environmental Pollution
Biological Demography: Definition, nature and scope
Demographic Profiles: Fertility, Mortality, Morbidity.



B.A./B.Sc. – Third Year

Session: 2021-22

Name of the Subject :- Anthropology
Paper :- Second
Name of the Paper :- THEORIES IN SOCIAL-CULTURAL ANTHROPOLOGY

Total Marks: 50

Pass Marks: 17

Syllabus

- UNIT-I The contributions made by the following Anthropologists to Social-Cultural Anthropology.
(I) E. Durkheim, (II) F. Boas. (III) R. Redfield, (IV) A. L. Kroeber. (V) S.C. Dube, (VI) M.N. Shrinivas, (VII) L.P. Vidyarthi,
- UNIT-II Evolution: Biological and cultural evolution
Evolutionism: Classical Evolutionism (E.B. Tylor & L.H. Morgan); Neo – Evolutionism (Leslie White & Gordon Childe)
Diffusionism: British, German-Austrian (Kulture kreise) and American diffusionism (Cultural traits, Culture Complex, Culture Area, Culture focus)
- UNIT-III Function and structure:
Functionalism (Malinowski)
Structure Functionalism (Radcliff Brown)
Structuralism (Levi - Strauss).
- UNIT-IV Personality and Culture:
Basic personality and Model Personality (Cora-du-bois, Abraham Kardinar)
Culture pattern: Configurationalism (Ruth Benedict)
Anthropological study of National character
Contribution of Margret Mead in study of National Character
- UNIT-V Field work tradition in Anthropology
Major tools of Research: Schedule, Questionnaire, observation, interview, case study, Geneological Study
Types of Anthropological Methods: Historical Method, Comparative Method and Functional Method.



B.A. /B.Sc. – Third Year

Session : 2021-22

Name of the Subject :- Anthropology
Paper No. :- Practical
Name of the Paper :- SOMATOSCOPY, SOMATOMETRY AND GENETICAL TRAITS

Total Marks: 50

Pass Marks: 17

Syllabus

OBJECTIVES:

The objective of this practical course is to introduce the student about the tools and Method, analysis & statistical methods used in Human Biology. Laboratory procedures in blood grouping and dermatoglyphics would give confidence in dealing with all the applied dimensions.

Part-1 Somatoscopic Observation

- | | |
|----------------|---------|
| 1. Skin colour | 4. Hair |
| 2. Eye | 5. Lips |
| 3. Nose | |

Part -2 Somatometry:

(a) Measurements on body:

- | | |
|--------------------------|----------------------------|
| 1. Height vertex, | 6. Tibiale height, |
| 2. Height tragus, | 7. Upper extremity length, |
| 3. Suprasternale height, | 8. Sitting height, |
| 4. Biacromial Breadth, | 9. Height dactylion, |
| 5. Bi-illiac breadth, | 10. Body weight. |

(b) Head and Face Measurement:

- | | |
|---------------------------------------|----------------------|
| 1. Morphological upper facial length. | 5. Max head length. |
| 2. Physiognomic upper facial length. | 6. Max head breadth. |
| 3. Morphological facial length. | 7. Nasal length. |
| 4. Bizygomatic breadth. | 8. Nasal breadth. |

(c) Somatometry indices:

- | | |
|--------------------|------------------|
| 1. Cephalic index. | 3. Facial index. |
| 2. Nasal index. | |

Part- 3 Genetic Traits:

ABO blood group. Colour blindness, PTC taste sensitivity,
Dermatoglyphics: Methods of taking finger and palm prints and their analysis

Part-4 Statistics: Mean, Median, Standard deviation, X^2 test.



भाषाविज्ञान
प्रश्न पत्र प्रथम
भाषा का सामाजिक परिप्रेक्ष्य
(पेपर कोड - 0238)

कुल अंक : 75

- इकाई -1** भोलाराम तिवारी व्यक्ति , भाषा एवं समाज — भाषा—ज्ञान—सहजात एवं सामाजिक संदर्भ, भाषा—संप्रेषण, साधना के रूप में, साण्स के स्न में, भाषा एवं अस्मिता, भाषा के माध्यम से सामाजिक संरचना।
- इकाई -2** भाषा का सामाजिक संदर्भ — मानक भाषा, परिनिष्ठित भाषा, पिजिन एवं क्रियोल, क्षेत्रीय भाषा, संपर्क—भाषा, डिग्लोसिया (भाषा—द्वैत)।
- इकाई— 3** भाषा—भेद—सामाजिक एवं क्षेत्रीय भेद, सामाजिक एवं भाषिक भेद में संबंध, समाजभाषिय परिवर्त।
- इकाई -4** भाषा—नियोजन—उद्देश्य, राष्ट्रीय नियोजन के अंग के रूप में भाषा—नियोजन, भाषा—मानकीकरण।
- इकाई—5** द्विभाषिता एवं बहुभाषिकता — कोड—मिश्रण एवं कोड—परिवर्तन।

निर्धारित पुस्तकें :

1. हिन्दी का सामाजिक संदर्भ — रामनाथ सहाय एवं अन्य (सं.), केन्द्रीय हिन्दी संस्था, आगरा
2. हिन्दी भाषा का समाज शास्त्र — रवीन्द्रनाथ श्रीवास्तव
3. हिन्दी भाषा का सामाजिक संरचना — डॉ. भोलाराम तिवारी (सं.)
4. हिन्दी का सामाजिक भूमिका — डॉ. भोलाराम तिवारी एवं मुकुल प्रियदर्शिनी
5. Sociolinguistics : R.s. Hudson, Cambridge University Press Cambridge
6. An Introduction to Sociolinguistics : R. Warddhagh, Prenguin, Hurm.

द्वितीय प्रश्नपत्र
भाषा एवं साहित्य
(पेपर कोड -0239)

कुल अंक : 75

- इकाई -1** भाषा एवं साहित्य का संबंध — मानक भाषा और काव्य भाषा, सामान्य भाषा और काव्य भाषा, भावनात्मक भाषा एवं वैज्ञानिक तथा तकनीकी भाषा, भाषा की सर्जनात्मकता, भाषा का सौंदर्यशास्त्र काव्यशास्त्र एवं साहित्यिक समीक्षा।
- इकाई—2** शैली एवं प्रकार्य — शैली विज्ञान एवं भाषाविज्ञान का संबंध, शैली की उपयोगिता, शैली—भेद एवं संदर्भ—भेद, भाषा प्रयोग एवं संदर्भ।
- इकाई -3** प्राक्ति —परिभाषा एवं विभिन्न आधारों पर प्राक्ति के प्रकार, चयन विचलन, समांतरता, प्रतीकात्मकता एवं बिम्बात्मकता।
- इकाई -4** भाषा—शिक्षण — सिद्धांत एवं महत्व, भाषा—शिक्षण की विधियां, मातृभाषा शिक्षण, अन्य भाषा—शिक्षण, अन्य भाषा के रूप में हिन्दी का शिक्षण, भाषा—शिक्षण में व्याघात, संस्कृति का प्रभाव।
- इकाई -5** साहित्य—शिक्षण — साहित्य—शिक्षण : उद्देश्य, विधियां, एवं सिद्धांत, कविता—शिक्षण, नाट्य—शिक्षण, कहानी—शिक्षणका परिचय, साहित्य—शिक्षण में दृश्य—श्रण्य उपकरणों का उपयोग एवं महत्व।

निर्धारित पुस्तकें—

1. शैलीहवज्ञान —भोलानाथ तिवारी
2. प्रारंभिक शैलीविज्ञान — डॉ. चित्तरंजनकर
3. शैलीविज्ञान — सुरेश कुमार
4. हिन्दी भाषा—शिक्षण — रविन्द्रनाथ श्रीवास्तव एवं अन्य
5. भाषाशिक्षण — मनोरमा गुप्त

HEMCHAND YADAV VISHWAVIDYALAYA, DURG (C.G.)
Syllabus for B.A. / B.Sc. Course, 2021-22
Subject: Statistics

Each year of B.A. /B.Sc. I, II, III shall have two theories and one practical course. All the Theory as well as Practical Examinations will be of 3 hours duration. In each practical examination 10% marks shall be fixed for viva –voce and 20% marks for practical record.

Scheme of Examination

	Title of the paper	MAX. Marks
B.A./B.Sc. I	Paper-I (Code No. 0803): Probability I	50
	Paper-II (Code No. 0804): Descriptive Statistics I	50
	Paper III: Practical- Based on Theory Papers I & II	50
	Total	150
B.A./B.Sc. II	Paper-I (Code No. 0853): Statistical Methods	50
	Paper-II (Code No. 0854): Sampling Theory and Design of Experiments	50
	Paper III: Practical- Based on Theory Papers I & II	50
	Total	150
B.A./B.Sc. III	Paper I (Code No. 0907): Applied Statistics	50
	Paper II (Code No. 0908): Statistical Quality Control and Computational Techniques	50
	Paper III: Practical- Based on Theory Papers I & II	50
	Total	150

B.A./B.Sc. –III
Subject: Statistics
Paper-I
Applied Statistics

Unit I

Indian Applied Statistics System: Present official statistical System in India, Methods of collection of Official Statistics, their reliability and limitations, and the principal publications containing such statistics on the topics-population agriculture, industry, trade, price, labour and employment, transport and communications, Banking and Finance.

Unit II

Demographic Methods: Sources of demographic data: Census, register and-hoc surveys, hospital records, demographic profiles of the Indian Census, Measurement of mortality, and life table,: crude death rate, age specific death rates, infant mortality rates, infant death rate, death rate by cause, standardized death rate, direct & indirect method of standardized death rate, Complete life tables- its main features,mortality rate and probability of dying , uses of survival tables

Measurement of fertility,: crude birth rate,, general fertility rate, age specific birth rate, total fertility rate, gross reproduction rate, net reproduction rate.

Unit III

Economic Statistics: Index number- definition, application of index numbers. Price relatives and quantity or volume relatives. Link and chain relatives, problems involved in computation of index numbers, uses of averages, simple aggregative and weighted average methods, Laspeyre's, Paasche's, Marchal-edgeworth's and Fisher's index numbers, Time and Factor reversal tests. Chain base index number, Consumer price –index numbers.

Unit IV

Static laws of demand and supply, Price elasticity of demand, Forms of demand functions, Engel's curves, Income elasticity of demand.

Analysis of income and allied distributions-Pareto distribution, graphical test, fitting of Pareto's Law, log normal distributions and its properties, Lorenz curve and estimation of elasticity from time series data, Gini's coefficient.

Unit V

Time series analysis- economic time series, different components, illustrations, additive and multiplicative models, determination of trend, growth curves, analysis of seasonal fluctuations, construction of seasonal indices.

REFERENCES

1. Croxton F.E. and Cowden D.J. (1969): Applied General Statistics, Prentice Hall of India.
2. Chatfield, C.(1980): The Analysis of Time Series-An Introduction ,Second Edition Chapman and Hall.
3. Goon A.M.;Gupta,M.K. and Dasgupta ,B(1986):Fundamentals of Statistics, Volume-Two, World Press,Calcutta
4. Guide to Current Indian Official Statistics: Central Statistical Organization, Govt. of India, New Delhi.
5. Mukhopadhyay ,P.(1999) : Applied Statistics, New Central Book agency Pvt. Ltd., Calcutta.
6. Srivastava O.S. (1983): A Text Book of Demography, Vikas Publishing.

ADDITIONAL REFERENCES

1. Cox,P.R.(1970):Demography,Cambridge University Press.
2. Pressat R. (1978): Statistical Demography, Methuen and Co. Ltd.

Paper-II

Statistical Quality Control and Computational Techniques

Unit I

Importance of statistical methods in industrial research and practice, specification of items and lot qualities corresponding to visual gauging, count and measurements, types of inspection, determination of tolerance limits. General theory of control charts, causes of variation in quality, control limits, sub-grouping, summary of out of control criteria. Charts for attributes, np chart, p-chart, c-chart, u- chart. Charts for variables, $\bar{X}$ and R charts, design of $\bar{X}$ and R charts, versus p charts, process capability of studies.

Unit II

Principle of acceptance sampling-problem of lot acceptance, stipulation of good and bad lots, Producer's and consumers risks, single and double sampling plans for all attributes, their OC functions, concepts of AQL, LTPD, AOQL, Average amount of inspection and ASN function, rectifying inspection plans, sampling inspection plans for variables, Indian Standard Tables Part-I(including applications), IS 2500 Part I.

Unit III

Computational Techniques: Difference tables and methods of interpolation: Newton's forward and backward interpolation formula, Lagranges method of interpolation, divided difference interpolation formula. Numerical differentiation and integration. Trapezoidal, Simpson's one – third formulae, iterative solutions of non-linear equations.

Unit IV

Linear Programming: Elementary theory of convex sets, definition of general linear programming problems (LPP), formulation problems of LPP, examples of LPP. Problems occurring in various fields, Graphical and Simplex methods of solving an LPP, artificial variables, duality of LPP, Transportation Problem (non-degenerate and balanced cases only), Assignment Problems.

Unit V

Four short notes, one from each unit will be asked. Students have to answer any two.

REFERENCES

1. Brownless K.A. (1960): Statistical Theory and Methodology in Science and Engineering, John Wiley and Sons.
2. Grant E.L. (1964): Statistical Quality Control, McGraw Hill.
3. Duncan A.J. (1974): Quality Control and Industrial Statistics, Traporewala and Sons.
4. Gauss S.I. (1975) : Linear Programming Methods and Applications, McGraw Hill.
5. Montgomery, D.C. (1985): Introduction to Statistical Quality Control; Wiley.
6. Rajaraman, V. (1981) : Computer Oriented Numerical Methods, Prentice Hall.
7. Shanti Narayan (1993). Mathematical Analysis, S. Chand and Co.
8. Sastry S.S. (1987): Introductory Methods of Numerical Analysis, Prentice Hall
9. Taha H.A.(1982) Operational research :An Introduction ;Macmillan

ADDITIONAL REFERENCES:

1. Biswas Suddhendu (1996): Statistics of Quality Control, Sampling Inspection and Reliability, new Age international Publishers, New delhi.
2. Browker H.A. and Liberman G.T. (1962): Engineering Statistics, Prentice Hall.
3. Deshpande J.V. (1981). Text Book of Mathematical Analysis, Tata McGraw Hill.
4. Crowden, D.J. (1960): statistical Methods in Quality Control, Asia publishing Society
5. Garwin W.W. (1960): Introduction to Linear Programming, McGraw Hill.
6. Kanti Swarup, Gupta, P.K. and Singh, M.M. (1985): Operations Research; Sultan chand & sons.
7. Mahajan M. (2001) Statistical Quality Control, Dhanpat Rai & Co. (P. Ltd.).
8. Rao S.S. (1984) : Optimization Theory and Applications, Wiley Eastern.
9. Somasundaram, D. and Choudhari, B. (1996). A First Course in Mathematical Analysis, Narosa Publishing House.
10. Wagner H.M. (1973) Principle of O.R. with Applications to Managerial Decisions; Prentice Hall.
11. Wetherill, G.B (1977) Sampling Inspection and Quality Control; Halsted Press.

Paper III:

Practical : Practical Based on Paper I & II

1. Computing measures of mortality and fertility, construction of life tables, graduation of mortality rates by Gompertz curve, fitting of Logistic curve.
2. Construction of index numbers by Laspeyre's, Paasche's, Marshall-Edgeworth and Fisher method.
3. Determination of trend in a time series, construction of seasonal indices.
4. Fitting of Pareto curve to income data, Lorenz curve of concentration, Estimation of price elasticity of demand from time series data.
5. Drawing of $\bar{X}$ -R, np, p and c –charts. Drawing of OC curve for single and double sampling plans.
6. Construction of difference tables. Use of Newton's, Lagrange's methods of interpolation and divided difference formulae, numerical evaluation of integrals using Trapezoidal and Simpson's one-third formulae, solution to non-linear equation by Newton-Raphson iterative method.
7. Formulation of LPPs and their duals. Solving LPPs by graphical and simplex methods, transportation and assignment problems.

MATHEMATICS

There shall be three theory papers. Two compulsory and one optional. Each paper carrying 50 marks is divided into five units and each unit carry equal marks.

B.A./B.SC. Part-III

PAPER - I ANALYSIS

METRIC SPACES

- UNIT-I** Definition and examples of metric spaces. Neighbourhoods, Limit points, Interior points, Open and Closed sets, Closure and interior. Boundary points, Sub-space of a metric space. Cauchy sequences, Completeness, Cantor's intersection theorem. Contraction principle, construction of real numbers as the completion of the incomplete metric space of rationals. Real numbers as a complete ordered field.
- UNIT-II** Dense subsets. Baire Category theorem. Separable, second countable and first countable spaces. Continuous functions. Extension theorem. Uniform continuity, isometry and homeomorphism. Equivalent metrics. Compactness, sequential compactness. Totally bounded spaces. Finite intersection property. Continuous functions and Compact sets, Connectedness, Components, Continuous functions and Connected sets.

COMPLEX ANALYSIS

- UNIT-III** Complex numbers as ordered pairs. Geometrical representation of complex numbers. Stereographic projection. Continuity and differentiability of complex functions. Analytic functions. Cauchy-Riemann equations. Harmonic functions. Elementary functions. Mapping by elementary functions. Mobius transformations. Fixed points, Cross ratio. Inverse points and critical mappings. Conformal mappings.

REAL ANALYSIS

- UNIT-IV** Series of arbitrary terms. Convergence, divergence and oscillation. Abel's and Dirichlet's test. Multiplication of series. Double series. Partial derivation and differentiability of real-valued functions of two variables. Schwarz and Young's theorem. Implicit function theorem. Fourier series. Fourier expansion of piecewise monotonic functions.
- UNIT-V** Riemann integral. Integrability of continuous and monotonic functions. The fundamental theorem of integral calculus. Mean value theorems of integral calculus. Improper integrals and their convergence. Comparison tests. Abel's and Dirichlet's tests. Frullani's integral. Integral as a function of a parameter. Continuity, derivability and integrability of an integral of a function of a parameter.

REFERENCES :

1. T.M. Apostol, Mathematical Analysis, Narosa Publishing House, New Delhi, 1985.
2. R.R. Goldberg, Real Analysis, Oxford & IBH publishing Co., New Delhi, 1970.
3. S. Lang, Undergraduate Analysis, Springer-Verlag, New York, 1983.
4. D. Somasundaram and B. Choudhary, A First Course in Mathematical Analysis, Narosa Publishing House, New Delhi, 1997.
5. Shanti Narayan, A Course of Mathematical Analysis, S. Chand & Co. New Delhi.
6. P.K. Jain and S.K. Kaushik, An introduction to Real Analysis, S. Chand & Co., New Delhi, 2000.
7. R.V. Churchill and J.W. Brown, Complex Variables and Applications, 5th Edition, McGraw- Hill, New York, 1990.
8. Mark J. Ablowitz and A.S. Fokas, Complex Variables : Introduction and Applications, Cambridge University Press, South Asian Edition, 1998.
9. Shanti Narayan, Theory of Functions of a Complex Variable, S. Chand & Co., New Delhi.
10. E.T. Copson, Metric Spaces, Cambridge University Press, 1968.
11. P.K. Jain and K. Ahmad, Metric Spaces, Narosa Publishing House, New Delhi, 1996.
12. G.F. Simmons, Introduction to Topology and Modern Analysis, McGraw-Hill, 1963.

Prashant

Dr. Shabnam Khan

N. B. N.
Neelam Sharma

TR
(Dr. Rakesh Tiwari)

Dr. Asha Rani Das

Dr. Rakesh Tiwari
05-1-2019

B.A./B.SC. Part-III

PART - II ABSTRACT ALGEBRA

- UNIT-I** Group- Automorphisms, inner automorphism. Automorphism of groups and their computations, Conjugacy relation, Normaliser, Counting principle and the class equation of a finite group. Center for Group of prime-order, Abelianizing of a group and its universal property. Sylow's theorems, Sylow subgroup, Structure theorem for finite Abelian groups.
- UNIT-II** Ring theory-Ring homomorphism. Ideals and quotient rings. Field of quotients of an integral domain, Euclidean rings, polynomial rings, Polynomials over the rational field. The Eisenstien criterion, polynomial rings over commutative rings, Unique factorization domain. R unique factorisation domain implies so is $R[x_1, x_2, \dots, x_n]$. Modules, Submodules, Quotient modules, Homomorphism and Isomorphism theorems.
- UNIT-III** Definition and examples of vector spaces. Subspaces. Sum and direct sum of subspaces. Linear span, Linear dependence, independence and their basic properties. Basis. Finite dimensional vector spaces. Existence theorem for bases. Invariance of the number of elements of a basis set. Dimension. Existence of complementary subspace of a finite dimensional vector space. Dimension of sums of subspaces. Quotient space and its dimension.
- UNIT-IV** Linear transformations and their representation as matrices. The Algebra of linear transformations. The rank nullity theorem. Change of basis. Dual space. Bidual space and natural isomorphism. Adjoint of a linear transformation. Eigenvalues and eigenvectors of a linear transformation. Diagonalisation. Annihilator of a subspace. Bilinear, Quadratic and Hermitian forms.
- UNIT-V** Inner Product Spaces-Cauchy-Schwarz inequality. Orthogonal vectors. Orthogonal Complements. Orthonormal sets and bases. Bessel's inequality for finite dimensional spaces. Gram-Schmidt Orthogonalization process.

REFERENCES :

1. I.N. Herstein, Topics in Algebra, Wiley Eastern Ltd., New Delhi, 1975.
2. N. Jacobson, Basic Algebra, Vols. I & II. W.H. Freeman, 1980 (also published by Hindustan Publishing Company).
3. Shanti Narayan, A Text Book of Modern Abstract Algebra, S.Chand & Co. New Delhi.
4. K.B. Datta, Matrix and Linear Algebra, Prentice Hall of India Pvt. Ltd., New Delhi, 2000.
5. P.B. Bhattacharya, S.K. Jain and S.R. Nagpal, Basic Abstract Algebra (2nd Edition) Cambridge University Press, Indian Edition, 1997.
6. K. Hoffman and R. Kunze, Linear Algebra, (2nd Edition), Prentice Hall. Englewood Cliffs, New Jersey, 1971.
7. S.K. Jain, A. Gunawardena and P.B. Bhattacharya, Basic Linear Algebra with MATLAB. Key College Publishing (Springer-Verlag) 2001.
8. S. Kumaresan, Linear Algebra, A Geometric Approach, Prentice-Hall of India, 2000.
9. Vivek Sahai and Vikas Bist, Algebra, Narosa Publishing House, 1997.
10. I.S. Luther and I.B.S.Passi, Algebra, Vol. I-Groups, Vol. II-Rings. Narosa Publishing House (Vol. I-1996, Vol. II-1999)
11. D.S. Malik, J.N. Mordeson, and M.K. Sen, Fundamentals of Abstract Algebra, McGraw- Hill International Edition, 1997.

Pachmaroli

Dr. Shabnam Khan.

Neelesh Sharma

(Dr. Rakesh Tiwari)

(Dr. Asha Rani Das)

Dr. Rakesh Tiwari
05-7-2019

B.A./B.SC. Part-III

PAPER - III - (OPTIONAL)

(I) PRINCIPLES OF COMPUTER SCIENCE

- UNIT-I** **Data Storage** - Storage of bits. Main Memory. Mass Storage. Coding Information of Storage. The Binary System. Storing integers, storing fractions, communication errors.
Data Manipulation - The Central Processing Unit. The Stored-Program Concept. Programme Execution. Other Architectures. Arithmetic/Logic Instructions. Computer- Peripheral Communication.
- UNIT-II** **Operating System and Networks** - The Evolution of Operating System. Operating System Architecture. Coordinating the Machine's Activities. Handling Competition Among Process. Networks. Networks Protocol.
Software Engineering - The Software Engineering Discipline. The Software Life Cycle. Modularity. Development Tools and Techniques. Documentation. Software Ownership and Liability.
- UNIT-III** **Algorithms** - The Concept of an Algorithm, Algorithm Representation. Algorithm Discovery. Iterative Structures. Recursive Structures. Efficiency and Correctness. (Algorithms to be implemented in C++).
Programming Languages - Historical Perspective. Traditional Programming Concepts, Program Units. Language Implementation. Parallel Computing. Declarative Computing.
- UNIT-IV** **Data Structures** - Arrays. Lists. Stacks. Queues. Trees. Customised Data Types. Object Oriented Programming.
File Structure - Sequential Files. Text Files. Indexed Files. Hashed Files. The Role of the Operating System.
Database Structure - General Issues. The Layered Approach to Database Implementation. The Relational Model. Object-Oriented Database. Maintaining Database Integrity. E-R models
- UNIT-V** **Artificial Intelligence** - Some Philosophical Issues. Image Analysis. Reasoning. Control System Activities. Using Heuristics. Artificial Neural Networks. Application of Artificial Intelligence.
Theory of Computation - Turning Machines. Computable functions. A Non computable Function. Complexity and its Measures. Problem Classification.

REFERENCES :

1. J. Glen Brookshear, Computer Science : An Overview, Addison -Wesley.
2. Stanley B. Lippman, Josee Lojoie, C++ Primer (3rd Edition), Addison-Wesley.

Pachmarali

Shabnam Khan

Neelesh Sharma

Dr. Rakesh Tiwari

Dr. Asha Rani Das

Dr. Rakesh Tiwari

B.A./B.SC. Part-III
PAPER - III - (OPTIONAL)
(II) DISCRETE MATHEMATICS

- UNIT-I Sets and Propositions** - Cardinality. Mathematical Induction, Principle of inclusion and exclusion. **Computability and Formal Languages** - Ordered Sets. Languages. Phrase Structure Grammars. Types of Grammars and Languages. Permutations. Combinations and Discrete Probability.
- UNIT-II Relations and Functions** - Binary Relations, Equivalence Relations and Partitions. Partial Order Relations and Lattices. Chains and Antichains. Pigeon Hole Principle.
- Graphs and Planar Graphs** - Basic Terminology. Multigraphs. Weighted Graphs. Paths and Circuits. Shortest Paths. Eulerian Paths and Circuits. Travelling Salesman Problem. Planner Graphs. Trees.
- UNIT-III Finite State Machines** - Equivalent Machines. Finite State Machines as Language Recognizers. **Analysis of Algorithms** - Time Complexity. Complexity of Problems. Discrete Numeric Functions and Generating Functions.
- UNIT-IV Recurrence Relations and Recursive Algorithms** - Linear Recurrence Relations with constant coefficients. Homogeneous Solutions. Particular Solution. Total Solution. Solution by the Method of Generating Functions. Brief review of Groups and Rings.
- UNIT-V Boolean Algebras** - Lattices and Algebraic Structures. Duality, Distributive and Complemented Lattices. Boolean Lattices and Boolean Algebras. Boolean Functions and Expressions. Propositional Calculus. Design and Implementation of Digital Networks. Switching Circuits.

REFERENCES :

1. C.L. Liu, Elements of Discrete Mathematics, (Second Edition), McGraw Hill, International Edition, Computer Science Series, 1986

Pachmarali

Shay
Dr. Shabnam Khan.

NB
Neelam Sharma

TR
(Dr. Rakesh Tiwari)

A
(Dr. Asha Rani Das)

Dr. Rakesh Tiwari
05-7-2019

B.A./B.SC. Part-III
PAPER - III - (OPTIONAL)
(III) PROGRAMMING IN C AND NUMERICAL ANALYSIS
(Theory & Practical)

Theory component will have maximum marks 30.

Practical component will have maximum marks 20.

UNIT-I Programmer's model of a computer. Algorithms. Flow Charts. Data Types. Arithmetic and input/output instructions. Decisions control structures. Decision statements. Logical and Conditional operators. Loop. Case control structures. Functions. Recursions. Preprocessors. Arrays. Puppeting of strings. Structures. Pointers. File formatting.

Numerical Analysis

UNIT-II **Solution of Equations:** Bisection, Secant, Regula Falsi, Newton's Method, Roots of Polynomials. **Interpolation:** Lagrange and Hermite Interpolation, Divided Differences, Difference Schemes, Interpolation Formulas using Differences. Numerical Differentiation. Numerical Quadrature: Newton-Cote's Formulas. Gauss Quadrature Formulas, Chebychev's Formulas.

UNIT-III **Linear Equations:** Direct Methods for Solving Systems of Linear Equations (Guass Elimination, LU Decomposition, Cholesky Decomposition), Iterative Methods (Jacobi, GaussSeidel, Relaxation Methods).

The Algebraic Eigenvalue problem: Jacobi's Method, Givens' Method, Householder's Method, Power Method, QR Method, Lanczos' Method.

UNIT-IV **Ordinary Differential Equations:** Euler Method, Single-step Methods, Runge-Kutta's Method, Multi-step Methods, Milne-Simpson Method, Methods Based on Numerical Integration, Methods Based on Numerical Differentiation, Boundary Value Problems, Eigenvalue Problems.

Approximation: Different Types of Approximation, Least Square Polynomial Approximation, Polynomial Approximation using Orthogonal Polynomials, Approximation with Trigonometric Functions, Exponential Functions, Chebychev Polynomials, Rational Functions.

Monte Carlo Methods

Unit-V Random number generation, congruential generators, statistical tests of pseudo-random numbers. Random variate generation, inverse transform method, composition method, acceptance rejection method, generation of exponential, normal variates, binomial and Poisson variates. Monte Carlo integration, hit or miss Monte Carlo integration, Monte Carlo integration for improper integrals, error analysis for Monte Carlo integration.

REFERENCES :

1. Henry Mullish and Herbert L. Cooper, Spirit of C: An Introduction to Modern Programming, Jaico Publishers, Bombay.
2. B.W. Kernighan and D.M. Ritchie. The C Programming Language 2nd Edition, (ANSI features) Prentice Hall, 1989.
3. Peter A Darnel and Philip E. Margolis, C : A Software Engineering Approach, Narosa Publishing House, 1993.
4. Robert C. Hutehison and Steven B. Just, Programming using C Language, McGraw Hill, 1988.
5. Les Hancock and Morris Krieger, The C Primer, McGraw Hill, 1988.
6. V. Rajaraman, Programming in C, Prentice Hall of India, 1994.
7. Byron S. Gottfried, Theory and Problems of Programming with C, Tata McGraw-Hill Publishing Co. Ltd., 1998.
8. C.E. Froberg, Introduction to Numerical Analysis, (Second Edition), Addison-Wesley, 1979.
9. James B. Scarborough, Numerical Mathematical Analysis, Oxford and IBHPublishing Co. Pvt. Ltd. 1966.
10. Melvin J. Maron, Numerical Analysis A Practical Approach, Macmillan publishing Co., Inc. New York, 1982.
11. M.K. Jain, S.R.K. Iyengar, R.K. Jain, Numerical Methods Problems and Solutions, New Age International (P) Ltd., 1996.

Prabmalini

Dr. Shabnam Khan.

N. B. N. Neelam Sharma

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(Dr. Asha Rani Das)

Dr. Rakesh Tiwari

12. M.K. Jain, S.R.K. Iyengar, R.K. Jain, Numerical Methods for Scientific and Engineering Computation, New Age International (P) Ltd., 1999.
13. R.Y. Rubinstein, Simulation and the Monte Carlo Methods, John Wiley, 1981.
14. D.J. Yakowitz, Computational Probability and Simulation, Addison-Wesley, 1977.

PAPER - III - (OPTIONAL)
(IV) PRACTICAL
PROGRAMMING IN C AND NUMERICAL ANALYSIS

LIST OF PRACTICAL TO BE CONDUCTED...

1. Write a program in C to find out the largest number of three integer numbers.
2. Write a program in C to accept monthly salary from the user, find and display income tax with the help of following rules :

Monthly Salary	Income Tax
9000 or more	40% of monthly salary
7500 or more	30% of monthly salary
7499 or less	20% of monthly salary

3. Write a program in C that reads a year and determine whether it is a leap year or not.
4. Write a program in C to calculate and print the first n terms of fibonacci series using looping statement.
5. Write a program in C that reads in a number and single digit. It determines whether the first number contains the digit or not.
6. Write a program in C to compute the roots of a quadratic equation using case statement.
7. Write a program in C to find out the largest number of four numbers using function.
8. Write a program in C to find the sum of all the digits of a given number using recursion.
9. Write a program in C to calculate the factorial of a given number using recursion.
10. Write a program in C to calculate and print the multiplication of given 2D matrices.
11. Write a program in C to check that whether given string palindrome or not.
12. Write a Program in C to calculate the sum of series:

$$1 + x + \frac{1}{2!}x^2 + \frac{1}{3!}x^3 + \dots + \frac{1}{n!}x^n$$

13. Write a program in C to determine the grade of all students in the class using Structure. Where structure having following members - name, age, roll, sub1, sub2, sub3, sub4 and total.
14. Write a program in C to copy one string to another using pointer. (Without using standard library functions).
15. Write a program in C to store the data of five students permanently in a data file using file handling.

Pachmaroli

Shabnam Khan

Neelesh Sharma

(Dr. Rakesh Tiwari)

(Dr. Asha Rani Das)

Dr. Rakesh Tiwari
05-7-2019

SOCIOLOGY

B.A. PART- III

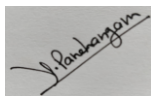
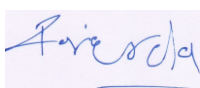
PAPER- I

FOUNDATIONS OF SOCIOLOGICAL THOUGHT

- UNIT-I** **August Comte:** The Law of Three Stages, Positivism, Hierarchy of Science.
Durkheim: Social Solidarity and Suicide
- UNIT-II** **Karl Marx:** Dialectic Materialism, Class Struggle and Surplus value.
Max Weber: Bureaucracy, Authority and the Protestant Ethic and the spirit of Capitalism.
- UNIT-III** **Pareto:** Circulation of Elits and Logical and Nonlogical action.
Spencer: Social Darwinism, Superorganic evolutions.
- UNIT-IV** **Thorstein Veblen:** The Theory of Leisure Class, Theory of Social Change
R.K. Morton: Functionalism and Reference Group.
- UNIT-V** **Development of Sociological thought in India:-**
Mahatma Ghandhi : Ahimsa, Satya Graha and Trusteeship.
RadhaKamal Mukherjee: The Concept of Value.

ESSENTIAL READINGS-

1. Barres, H.E.: Introduction to the sociology, Chicago the University of Chicago press 1959.
2. Coser, Levis a.: Master of Sociological thought, New York Harcourt Brace Jovanovich 1979.
3. Singh, Yogendra- Indian sociology: social conditioning and emerging friends. New Delhi vistaar 1986.
4. Zeitlin, Irving- (Indian edition) Rethinking sociology: A critique of contemporary theory, Jorpur Rawl 1999.



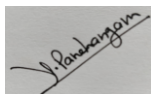
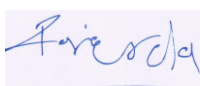
Dr. Sapna Kor

SOCIOLOGY
B.A. PART- III
PAPER- II
METHODS OF SOCIAL RESEARCH

- UNIT-I** Social Research: **Meaning, Characteristics and Significance.**
Scientific Methods, Hypothesis.
- UNIT-II** **Qualitative Research:** Ethnography, Observation, Case Study, Content analysis.
- UNIT-III** **Research design:** Exploatory, Descriptive, Explanatory, Experimental and Diagnostic.
- UNIT-IV** **Tools and Techniques of Social Research:** Social Survey, Sampling, Questionnaire, Interview- Schedule and Interview - Guide
- UNIT-V** **Social Statistics:** Meaning, Importance and Limitations.
Graphs, Diagram and Measures of Central Tendency- Mean, Mode, Median, Co-relation, Use of Computer in Social Research.

ESSENTIAL READINGS-

01. Young, P.V. (1977). Scientific Social Surveys and Research. Prentice Hall of India. New Delhi.
02. Bruce, C., & Margaret, M. (1993). Approaches to Social Research, New York: Oxford University Press.
03. Cohen, M & Nagel, E. (1994). An Introduction to Logic and Scientific Method. New York: Harcourt, Brace & Company.
04. Forcese, D., & Richer, S. (1973). Social Research Methods. Cliffs: Englewood, Cliffs, NJ.
05. Moser, C.A. (1962). Survey Methods in Social Research Investigation. London: Heinemann, Printce Hall.
06. Goode, & Hatt. (1952). Methods in Social Research. New York: MC Graw Hill Publishers.



Dr. Sapna Kor

हेमचंद यादव विश्वविद्यालय, दुर्ग (छ.ग.)

बी.ए. अंतिम वर्ष

सत्र 2021 – 22

विषय – नृत्य (भरत नाट्यम)

बी.ए. भाग (3) के लिये इस विषय में प्रायोगिक और सैद्धांतिक दो भाग होंगे। प्रायोगिक 50 अंक एवं सैद्धांतिक 100 अंक का होगा। इस हेतु 50-50 अंक के दो प्रश्नपत्र होंगे। प्रत्येक वर्ष के पूर्णांक कुल मिलाकर 150 अंक के होंगे।

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

सैद्धांतिक (विस्तृत पाठ्यक्रम)

प्रथम प्रश्न पत्र

शीर्षक – नृत्य का इतिहास एवं सामान्य अध्ययन

- नृत्य का इतिहास –
 - राजपूत काल
 - मुगल काल
 - ब्रिटिश काल
 - स्वतंत्र भारत में नृत्य (आधुनिक काल)
- विभिन्न शास्त्रीय नृत्य प्रणालियों की संक्षिप्त जानकारी
 - कुचिपूड़ी
 - मोहिनीअट्टम
 - मणिपुरी
 - छाऊ
 - सत्रिय
- नवरस विवरण
- भारतीय प्रेक्षागृहों की जानकारी (नाट्यशास्त्र के अनुसार)
त्रयस्त्र, चतस्र एवं विकृष्ट प्रेक्षागृह
- लोकधर्मी नाट्य परंपरा – लोकनाट्य –
संक्षिप्त जानकारी
 - यक्षगान
 - तेरुकुतु
 - पंडवानी
 - लोकनृत्य परिचय
 - भांगड़ा
 - कोलाट्टम
 - कोरतिकुमि

16/08/2021

हेमचंद यादव विश्वविद्यालय, दुर्ग (छ.ग.)

सैद्धांतिक (विस्तृत पाठ्यक्रम)

सत्र 2021 – 22

द्वितीय प्रश्न पत्र

शीर्षक – शास्त्रीय नृत्य सिद्धान्त

1. ताण्डव और लास्य नृत्य का परिचय
2. नायक – नायिका भेद निरूपण
3. पादभेद— (1) चारी (2) स्थानक
4. भरतनाट्यम पद्धति के क्रमों (मार्गम का संक्षिप्त विवरण)
1. वर्णम् 2. कीर्तनम् 3. जावली 4. तिल्लाना 5. श्लोकम्
5. वरिष्ठ नृत्य कलाकार की संक्षिप्त जीवनी
1. श्रीमती रुक्मिणी अरुण्डेल 2. श्रीमती बाला सरस्वती

प्रायोगिक

1. मौखिक मुद्रा प्रदर्शन –
(1) असंयुक्त हस्त की शेष मुद्राओं (सर्पशीर्ष से त्रिशूल तक) का विनियोग (श्लोक सहित)
(2) जाति हस्त, (3) दशावतार हस्त
2. कार्यक्रम विभाग
(1) पंचजाति (तत्मेटी के अनुसार)
(2) अष्टपदी अथवा कीर्तनम्
(3) पदम् अथवा जावली
(4) देहाभ्यास, समग्र अङ्गु संचालन

16/08/2021

B.A. - PART- III
HOME SCIENCE
Paper –I
“Human Development”

UNIT- I 1. Development-meaning of child growth and development Deferent aspects of growth, principal of development. Factors affecting child development, heredity and environment.

2. Stages of development –

1. Physiology of pregnancy

2. Prenatal (a) Reproductive system
 (b) Prenatal development

3. Infancy (a) Early infancy
 (b) Babyhood

4. Childhood (a) Early childhood
 (b) Late Childhood

5. Adolescence (a) Early adolescence
 (b) Late adolescence

(i) Prenatal growth and development –

(a) Sources of studying prenatal life

(b) Stages of prenatal growth and development

(c) Factors affecting prenatal growth and development

(1) Mother's food

(2) Health of mother

(3) Narcotics

(4) Age of parents

(5) Effect of season

(6) Emotion of mother

UNIT- II 1. Effect of normal and scissoring delivery.

2. Adjustment to new environment-

(a) Temperature

(b) Respiration

(c) Food consumption

(d) Excretion

3. Physical development of infant-
 - (a) Physical proportion
 - (b) Height
 - (c) Weight
 - (d) Pulse rate
 - (e) Respiration rate
 - (f) Body temperature
 - (g) Frequency of hunger.
4. Sensory development pf infant
 - (a) Light
 - (b) Sound
 - (c) Taste
 - (d) Smell
 - (e) Skin sensitivity
5. Motor activity of infants-
 - (a) Mass activities
 - (b) Specific activities –
 - (i) Reflex activities
 - (ii) Advantages of reflex action
6. Emotions of infants-
 - (a) Types of emotions
 - (b) Significance of emotions
7. Characteristics of infant behaviour-
 - (a) Dependency
 - (b) Individual Difference
 - (c) Adjustment

Unit –III Childhood: Adolescence.

1. Characteristic of this stage.
2. Factors affecting growth and development during childhood and adolescence.
3. Physical growth height, weight, body proportion, teeth
4. Growth and development of internal organs (a) Nervous (b) Mental (c) Circulatory system (d) Digestive system, (e) Respiratory system (f) Tissues and muscles systems.
5. Development of motor abilities (i) Types of motor abilities 9ii) importance and characteristics of motor abilities in childhood (iii) Development of motor skills, Types of motor skills (iv) Delayed motor development.

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Dr. Alka Duggal

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Dr. Bharti Luthi

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Mrs. Manita R Deo

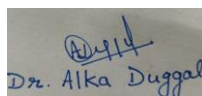
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Dr. Rupam Ajeet Yadav

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Dr. Anu Anwar

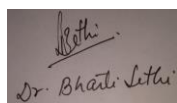
- Unit –IV 6. Development of emotional behavior- characteristic special emotions (Affection, anger, fear, jealousy and worries) factors affecting emotional behavior.
7. Social Developments stages – (a) during infancy, (b) nursery school period (c) elementary school period (d) Factor affecting social development.
8. Development of intelligence – types according to throndyke, theories regarding intelligence.
- Unit –V 9. Play meaning of play, work and play, theories of play, characteristics of children's play, types of play, factors effecting play and importance of play.

10. Habits:

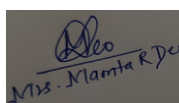
1. Definition.
 2. Functions performed by habits.
 3. Habits and learning
 4. Laws of habit formation-identical to laws of learning.
 5. Habit formation.
 - (a) Principal of habit formation.
 - (b) Rules for habit formation.
11. Children delinquency – Types causes and remedial measures.



Dr. Alka Duggal



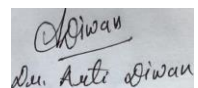
Dr. Bharti Latha



Mrs. Mamta R Deo



Dr. Rupam Ajeet Yadav



Dr. Anil Anwar

यूनिट – 1 पोषण

1. पोषक की परिभाषा
2. कार्यों के आधार पर पौष्टिक तत्वों का वर्गीकरण।
(अ) उष्मा प्रदान करने वाले – प्रोटीन, खनिज तत्व।
(ब) शरीर का निर्माण करने वाले—प्रोटीन, खनिज तत्व।
(स) सुरक्षा व नियमन करने वाले जल, जीवन तत्व।
3. कार्बोज— परिभाषा, कार्य पाचन, अभिपोषण, चायपचय, रक्त शर्करा स्तर व असक नियमन अधिकता का प्रभाव प्राप्ति का प्रभाव का साधन एवं दैनिक आवश्यकता।
4. वसा – परिभाषा, कार्य, वर्गीकरण, पाचन, अभिशोषण, चयापचय, संतृप्त व असंतृप्त वसीय अम्ल, आवश्यक वसीय अम्ल, कोलेस्टेरोल, कमी व अधिकता के प्रभाव एवं दैनिक आवश्यकता।
5. प्रोटीन – परिभाषा, कार्य, वर्गीकरण, पाचन, अभिशोषण, चयापचय, नाइट्रोजन संतुलन, प्रोटीन का जैविक मूल्य, प्रोटीन का पूरक व कैलोरी कुपोषण, प्राप्ति के साधन एवं दैनिक आवश्यकता।
6. खनिज तत्व – सामान्य वर्गीकरण व कार्य, अवशोषण का प्रभावित करने वाले तत्व कमी व अधिकता के प्रभाव साधन (कैल्शियम, फास्फोरस, लौहलवण, आयोडिन सोडियम, व क्लोराईड)
7. विटामिन्स – (जीवन तत्व) सामान्य वर्गीकरण व कार्य, कमी व अधिकता के प्रभाव, प्राप्ति के साधन, (जीवन सत्व ए.बी.सी.डी.ई. के)
8. जल— सामान्य कार्य, जल का संतुलन अधिकता के प्रभाव व निर्जलीकरण।

यूनिट – 2 आहार

1. आहार का वर्गीकरण व कार्य, आधारित चार—भोज्य समूह व सात—भोज्य समूह।
2. आनाज – प्रकार, रचना, संगठन, पकाने से पहले की प्रक्रिया – मीलिंग, पालिशिंग, पारवाईलिंग, फ्लोरिंग, पारचिंग, आनाज, को उपयोग कराने के विभिन्न तरीके, आनाज—ताप, क्षार खमीरीकरण व ब्रीडिंग के प्रभाव।
3. दालें – प्रकार, संगठन, अंकुरण, व खमीरीकरण के प्रभाव।
4. दुध – प्रकार, संगठन, दूध से बने पदार्थ – दही, मक्खन, चीज आदि पाश्चुराजेशन एवम् होमाजीनाइजेशन।
5. फल व सब्जियां – वर्गीकरण, संगठन, वर्णक प्रोटीन का महत्व, परिपक्व होने की प्रक्रिया।
6. अण्डा –संगठन, पकाने का प्रभाव।
7. मांस मछली, पोल्ट्री – संगठन, पकाने से होने वाले परिवर्तन।
8. शक्कर, गुड, शहद – संगठन, प्रकार, विधियों में उपयोग।
9. पेय पदार्थ – वर्गीकरण, पोषण की दृष्टि से महत्व अत्याधिक उपयोग का प्रभाव।
10. मसाले – प्रकार, संगठन, पोषण की दृष्टि से महत्व।

Dr. Alka Duggal

Dr. Bharti Latha

Mrs. Manita R. Deo

Dr. Rupam Ajeet Yadav

Dr. Anil Kishan

यूनिट – 3

1. खाद्य संरक्षण – उद्देश्य, विविधा, घरेलु संरक्षण, औद्योगिक संरक्षण।
2. खाद्य पदार्थों में सङ्घट्ट – कारण, प्रकार, पहचान, उपचारात्मक विधिया।
 1. भोज्य विषाक्तता – कारण, प्रकार, पहचान, उपचारात्मक तरीकें।
 2. खाद्य मिलावट – आवश्यकता, प्रकार, महत्त्वपूर्ण मिलावटी पदार्थ, मिलावटी पदार्थों को पहचानने की सरल विधियां।
 3. आहार स्वास्थ्य व स्वच्छता – प्रकार उपचारात्मक तरीके।
 4. खाद्य संग्रहण – आवश्यकता, प्रकार उपयोग में होने वाले महत्वपूर्ण रसायन।

यूनिट – 4 आहार नियोजन :

1. महत्व – आहार नियोजन के सिद्धांत प्रतिदिन की निर्धारित मात्रा (आर.डी.ए.), आहार आयोजन को प्रभावित करने वाले तत्व समय व शक्ति बचाने वाले आहार का आयोजन करना—
 - (अ.) पहले से योजना बनाना
 - (ब.) क्रय करने की योजना बनाना
 - (स.) सरल आहार तालिकाआर्थिक स्तर के आधार पर आहार का आयोजन करना । चुनाव संग्रहण पूरक पदार्थों का उपयोग, बचे खाद्य पदार्थों का उपयोग।
2. शिशु विभिन्न आयु में पौष्टिक तत्वों व खाद्य पदार्थों की आवश्यकता आहार माता का दूध, फार्मुला फीडिंग।
3. बालक का पोषण – आयु समूह की विशेषताएं, पौष्टिक तत्व एवं आहार को आवश्यकता, शालेय आहार कार्यक्रम – प्रकार महत्व , कीमत, पोषण स्तर, आहारीय व लक्षण शरीर मापन विधियां।
4. गर्भवस्था व छात्रीवस्था में पोषण – शारीरिक परिवर्तन, पौष्टिक तत्वों की आवश्यकता । असामान्य स्थितियां।
5. वृद्धावस्था में आहार एवं पोषण – शारीरिक परिवर्तन, पौष्टिक तत्वों की आवश्यकता, असामान्य स्थितियां

यूनिट – 5 उपचारात्मक पोषण – परिभाषा

सामान्य आहार परिवर्तन – तरलता, पौष्टिक तत्व, गंध की उपस्थिति/अनुपस्थिति, कुछ खाद्य पदार्थों का सम्मिलित न करना।

चयापचयी रोग –

1. मधुमेह – परिभाषा, लक्षण, कारण, इन्सुलिन के प्रकार, आहार का प्रभाव, हाइपोग्लायसेमिक दवाईयां, मधुमेह में आसामान्य स्थितियां, मधुमेह व गर्भावस्था, मधुमेह व बाल्यावस्था।
2. अधिक वजन/ कम वजन – परिभाषा, कारण, उपचारात्मक तरीके, असामान्य स्थितियां।

पौष्टिक तत्वों की कमी से होने वाले रोग—

Dr. Alka Duggal

Dr. Bharti Latha

Mrs. Manita R. Deo

Dr. Rupam Ajeet Yadav

Dr. Anil Arora

1. रक्तहीनता – प्रकार, कारण, पहचान, आहार।
2. एविटामीनोसिस – प्रकार, कारण, आहार।
3. प्रोटीन कैलोरी कुपोषित – कारण, उपचारात्मक तरीके।
रोग जिसमें आहारिय चिकित्सा सम्मिलित है—
4. यकृत के रोग – प्रकार, कारण, आहार, (पौष्टिक तत्वों की आवश्यकता)

आमाशय के रोग—

1. पेट्टिक अल्सर – कारण, लक्षण, आहार (पौष्टिक तत्वों की आवश्यकता)
2. अपचन – कारण, पौष्टिक तत्वों की आवश्यकता।
3. अतिसार – प्रकार, कारण, आहार।
4. कब्ज – प्रकार, कारण, आहार।
5. उक्त रक्तचाप – कारण, आहार।

गृह विज्ञान
प्रायोगिक

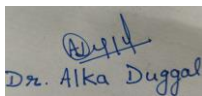
पूर्णांक : 50

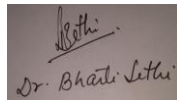
1. अनाज – दालें, अण्डा, दुध, मेवे, सब्जियां, फलों के उपयोग करने की कोई भी तीन पात्र विधियों को प्रायोगिक रिकार्ड बुक में लिखना। कौलोरी एवं प्रोटीन की गणना।
2. आहार आयोजन –
(अ) गर्भवती महिला
(ब) कब्ज की स्थिति
(स) मधुमेह रोग
(द) अधिक वजन की स्थिति
3. विभिन्न आर्थिक स्थिति में आहार योजनां
4. खाद्य संरक्षण – कोई भी चार विधि से बनायी जाये।
5. सम्पूरक भोजन – आयोजन, गणना।
6. व्यक्तित्व मापन विधि
7. बुद्धिमापन विधि

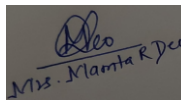
प्रायोगिक परीक्षा अंको का विभाजन

सेशनल	10
योजना	10
तैयारी	10
गणना	10
मैखिक प्रश्न	10
कुल अंक	50

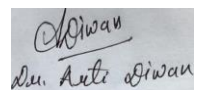



Dr. Alka Duggal


Dr. Bharti Latha


Mrs. Manita R. Deo

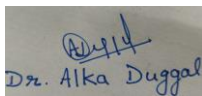

Dr. Rupam Ajeet Yadav


Dr. Anil Kishan

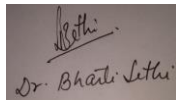
References Books:

Normal & Therapeutic Nutrition.

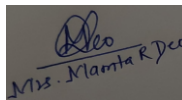
1. C.H. Robinson – Normal & Therapeutic Nutrition.
2. F.P. Anita – Clinical Nutrition & Dietetics.
3. M. Swaminathan - Essentials of Nutrition Vol. I & II.
4. P. Rajalaxmi – Applied Nutrition
5. C. Gopalan-et al – The Nutrition value of Indian Foods. ICHR. 2020.
6. Mangodekonge – Normal & Therapeutic Nutrition (In Hindi).
7. Jyotikulkarni – Normal & Therapeutic Nutrition.
8. Geeta Pushpa Shaw –
9. Kreuse M.N. – Food Nutrition & Diet Therapy.
10. आहार एवं पोषण – डॉ. अरुणा पल्टा, शिवा प्रकाशन, इन्दौर
11. खाद्य परिक्षण – डॉ. अमिता सहगल, शिवा प्रकाशन, इन्दौर



Dr. Alka Duggal



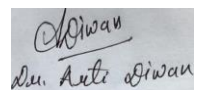
Dr. Bharti Lathi



Mrs. Mamta R Deo



Dr. Rupam Ajeet Yadav



Dr. Anu Anwar

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- 2- xhd n'ku

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 - 2- vkxeukRed ,a fuxeukRed rdl
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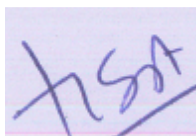
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- 1- IR;rk ,a o/krk
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- bdkb &5
- 1- vuëku
 - 2- vuëku di idkj
 - 3- gRokHkkI

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2- v/;kReokn

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7587

निसाब उर्दू अदब
पहला पर्चा
'नस्र' (पेपर कोड-0262)
(दास्तान, ड्रामा, अफसाना)

नं. 75

निसाब:

दस्ताना :

1. किस्सा आजाद बख्त : इन्तेखाब बागोबहार मीर अमान ।
2. मुलात मलकाए महन निगार : इन्तेखाब फसनए अजाइब रजब अली बेग शुरुए ।

ड्रामा :

1. डाक्टर तयकीन की उलझन : अज इब्राहीम युसुफ
2. आगरा बाजार : अज हकीब तनवीर

अफसाना:

1. कफन : प्रेमचंद्र
2. नया कानून : सजादत हुसैन मन्टी
3. यूकिलिप्टस की हाली : कृष्ण चन्द्र
4. लाजवंती : राजेन्द्र सिंह वैदी
5. दो भीगे हुए लोग : इकबाल मजीद
6. झूठा संच/काठ का घोड़ा : रतन सिंह
7. छीमक : गयास अहमद गद्दी
8. अफसाना : जीलानी बानो

इकाईयां :

- | | | |
|---------|--|--------|
| इकाई— 1 | शामिले निसाब असनाप पर सवालात | नं. 15 |
| इकाई— 2 | दास्तान निगारो पर सवालात | नं. 15 |
| इकाई— 3 | ड्रामा निगारों पर सवालात | नं. 15 |
| इकाई— 4 | अफसाना निगारों पर सवालात और अफसानों का खुलासा और जायजा | नं. 15 |
| इकाई— 5 | दस्ताना और अफसानो से तशरीह | नं. 15 |

दूसरा पर्चा (शायरी)
(पेपर कोड-0263)
(कसायूद, मरासी और मजमून निगारी)

नं. 75

निसाब:

कसाइद :

1. फज्र होते जो गई आज मेरी आंख झपकअज सौदा देहलबी
2. सवन में दिया फिर महे शव्वाल दिखाईअज जौक देहलबी
3. स्मते काशी से जानिबे मथुरा बादल अज मोहसिन काकोरवी

मरासी:

1. किस शेर की आमद है के रन कॉफ रहा है अज दबीर (15 बंद)
2. ब खुदा फारसे मैदाने तहव्वूर या हुर अज अनील (15 बंद)

इकाईयां :

- | | | |
|---------|-----------------------------------|--------|
| इकाई— 1 | शामिले निसाब असनाफ पर सवालात | नं. 15 |
| इकाई— 2 | कसोदा निगारों पर सवालात | नं. 15 |
| इकाई— 3 | मर्तिया निगारों पर तन्कीदी सवालात | नं. 15 |
| इकाई— 4 | तशरीहजशारे कसाइद और गरासी | नं. 20 |
| इकाई— 5 | अदबी माजू पर मजमून | नं. 10 |

MANAGEMENT (प्रबंध)

PAPER - I

MONEY, BANKING TRADE & FOREIGN EXCHANGE M.M. : 75

(Paper Code-0269)

UNIT-I Definition of Money : Functions, importance & types Value of money, quantity theory. Cash transactions approach case balance approach & income approach.

UNIT-II Inflation : Cost push demand pull-effects of inflation and methods of control, deflation measures against deflation monetary standards gold and paper standards.

UNIT-III Banking types and their function : Credit creation & methods of control nationalisation of commercial banks - R.B.I. and its functions financing.

UNIT-IV International and inter regional trade theory of comparative costs general equilibrium theory. Terms of trade, free trade versus protection. Dumping balance of trade and balance of payments.

UNIT-V Foreign exchange : Meaning, rate of exchange, its determination mint par theory, purchasing power parity theory Balance of payment theory Exchange control objects and methods of IMI.

BOOKS RECOMMENDED :

1. K.P.M. Sundram : Money, Banking & International Trade.
2. K.R. Gupta : International Economics.
3. Charies. P. : International Economics.
4. हरिशचंद्र शर्मा : मुद्रा एवं बैंकिंग

PAPER - II
AUDITING, COSTING AND INCOME TAX **M.M. : 75**
(Paper Code-0270)

UNIT-I Principles of auditing :

Origin of Audit, the nature & definition of audit objects of audit, various class of audits and their advantages, audit under statute. The accounts of private firms, the audit of the accounts of private individuals the audit of the trust accounts.

UNIT-II Audit procedure and conduct of an audit :

Internal audit the qualities required of an auditor. Continuous and final or completed audit, consideration of the commencement of a new audit, audit note book methods of work.

UNIT-III The audit of cash transactions :

Audit of bank transactions : Audit of petty of cash book : Audit of trading transactions. Internal check as regards cash, vouching, Internal check as regards wages. Audit of trading transaction : Purchases Purchases returns,. sales, sales returns, sales ledger.

UNIT-IV Fundamental of cost accountancy. Definition, Advantages, disadvantage and functions. Methods of cost accounting Unit costing. departmental costing. process costing. contract costing.; Elementary know ledger of Break even Analysis.

UNIT-V Income : tax on salary and capital gains, tax deduction at source, Rates of income tax and surcharge on income tax. Deduction in respect of C.P.F., L.I.C. premiums and commulative time deposits short term capital gains and long term capital gains deduction in respect of capital gains.

BOOKS RECOMMENDED :

- | | | | |
|----|-------------------|---|------------------------------------|
| 1. | Agrawal & Khanuja | : | Cost Accounting |
| 2. | Grewal & Shukla | : | Advanced Accounts |
| 3. | Dr. R. R. Gupta | : | Cost Accounting |
| 4. | D. N. Agarwal | : | The Higher Science of Accountancy. |
| 5. | Bhagwati Prasad | : | Income Tax-Law & Practice |
| 6. | Choudhary & Patel | : | Income Tax |
| 7. | Dr. B. K. Agarwal | : | Income Tax |
| 8. | Dr. S. M. Shukla | : | Auditing |
| 9. | मेहरोत्रा | : | आयकर विधान एवं लेखे। |

FUNCTIONAL ENGLISH

PAPER - I

COMMUNICATION

SKILL AND BROADCASTING

M.M. 50

(Paper Code-0271)

.I Oral Communication

- | | |
|----------------------|-----------------------------|
| (1) Interview | (2) Dictation |
| (3) Meetings | (4) Seminars and Conference |
| (5) Group Discussion | (6) Audio Visual Aids |

I. Writing Skill

- | | |
|------------------------------|-------------------------|
| (1) Business Correspondance. | (2) Agenda and Minutes. |
| (3) Advertising. | (4) Reports |

III. Broadcasting.

- (1) Fundamentals, of Broadcasting
- (2) Radio as a medium of Broadcasting.
- (3) T.V. as a medium of Broadcasting.
- (4) Current affairs of general Knowledge.

PAPER - II

ADVANCED GRAMMER

(Paper Code-0272)

Section A

- (1) Constituent-
Students will be requised to devide each Sentence into its Constituent and label eachA,V,C,O, or E.
- (2) Use of dynamic and stative verb :-
- (3) Use of Adjective and Adverb :-
- (4) use of Prepositions :-
- (5) Question Tag :-
- (6) Nodal verb :-
- (7) Introducting word 'it' There '
- (8) Use of Sentence in the Passive.

Section - B

20

- (1) Use of Redio and its Sentance.
- (2) Use & Function of T.V.
- (3) Importance of Non Communication.
- (4) Importance of News papers in the modern context.

PRINCIPAL OF INSURANCE & PRACTICE

PAPER- I

PROPERTY AND LIABILITY INSURANCE

50 Marks

(Paper Code-0273)

UNIT-I INTRODUCTION

Risk and Insurance; Insurable and non-Insurable; Nature of Property and liability insurance, crop and cattle insurance, types of liability insurance reinsurance.

UNIT-II Basic concepts of Liability Insurance

- (a) Basic concepts :- Specific and all risk insurance; valuation of risk; Indemnity contracts and specific value contracts; Average and contribution; Excess and short insurance careers.
- (b) Liability Insurance:- Procedure for obtaining liability insurance. Legal position of insurance agent; construction and issue of policy; Records of liability insurance; policy conditions.

UNIT-III Types of liability Insurance policy-

Mandatory public Liability Insurance.

Dwelling Property losses; Business interruption and related losses, Theft Insurance contracts, Budgetary covers, m Auto Insurance, Medical Benefit Insurance; Dishonesty, disappearance and destruction insurance; Employer's Liability; Aviation Insurance Personal and residential Insurance; Boiler Machinery insurance; commercial enterprises and industrial property insurance.

UNIT-IV Insurance Problems of Institutions

Insurance Problems of educational and religious institutions hospitals, clubs and association; Professional package contracts; Errors and omissions insurance; professional liability insurance; Accountants liability insurance; Limits on amount of insurance Marketing and underwriting of liability insurance; Finance of liability insurance.

UNIT-V Adjustment of Losses and claims compensation:-

Nature of Losses and their adjustment: Procedure of adjustment Functions of adjuster's; Responsibilities of adjuster's; survey of losses; Procedure for preparing claims statements; Documents in use in claim settlements. Requirement of the insured in the event of loss. Apportionment and loss valuation; statutory control over liability insurance in India.

Liability policies by General Insurance Corporation of India.

PAPER - II
GROUP INSURANCE AND RETIREMENT BENEFIT SCHEMES
(Paper Code-0274)

50 Marks

UNIT - I Introduction

Superannuation Schemes I
Superannuation Schemes II

UNIT-II Superannuation Schemes III
Gratuity Schemes

UNIT-III Group Life Insurance Schemes I
Group Life Insurance Schemes II

UNIT-IV Provident Fund & Employees Family, Pension and Deposit linked insurance Schemes.
Taxation Treatment of provisions for retirement Benefits-I

UNIT-V Taxation Treatment of Provisions for Retirement Benefits II
Group Schemes and Data Processing.

THEORY
HISTORY OF INDIAN PAINTING (Paper Code-0286)

(Bangal School to Modern age)

50 Marks

Bangal School - Abanendra Nath Tagor
 Rabindra Nath Tagor
 Gaganendra Nath Tagor
 Nandalal Bose

Modern Age - Raja Ravi Varma
 Amrita Sher Gil
 Yamini Ray

Progresive Art Group
Souza - M.F. Husain
 S.H. Raza
 N.S. Bendra
 K.K. Hebber

List of Book Recomendaded for theory :

- Bharatiya Chitrakala Ke Itihas - Shym Bihari Agrawal
- Kala Vilas - R.A. Agrawal

PRACTICAL

There will be two practical paper. Evalution will be made by the external and the internal examiners togather, 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.

PAPER - I

Copy from Indian meniature painting

Total Mark - 50

Scheme of examination

Examination - 40

Time - 4 Hours

Sessional - 10

Paper - 1/4 Imp size

Medium - Water colour or potter colour

Sessional mark - 10

Minimum class work to be submitted five painting size 1/4 Imp paper Copying

from the Indian miniature painting style Mugal. Pahadi, Rajsthani.

PAPER - II
CREATIVE COMPOSITION

Scheme of examination

Total Mark - 50

Time Four hour's

Examination - 40

Size 1/2 Imp. paper

Sessional - 10

Medium - Water, Oil, acrylic or any

Sessional mark - 10

Minimum Class work to be submitted -

Five painting size 1/2 Imp.

Student will be experimented ith any media and form.

Above syllabus based on the syllabus of following Universities.

1. Vikram University, Ujjain
2. Rani Durgavati Vishwavidyalaya, Jabalpur.
3. Indira Kala Sangeet Vishwavidyalaya, Khairagarh.

DEFENCE STUDIES

PAPER-I

PROBLEMS OF WAR AND PEACE (Paper Code-0277)

Aim : The objective of this paper is to acquaint the students about the multidimensional problems of war and peace.

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

Unit-I U.N.O. AND WORLD PEACE

1. Organs and its role.
2. Main specialized agencies of U.N.O.
3. Role of U.N.O. in world peace.
4. Peace keeping forces of the U.N.O.
5. Veto power and Security Council.

Unit-II WAR AND PEACE

1. Settlement of International Disputes.
2. Diplomatic agents and Consuls.
3. War Crimes.
4. Neutrality.
5. Intervention.

Unit-III HUMANITARIAN LAW

1. Basic concepts and development of Humanitarian law.
2. UN General Assembly declaration of human rights on Dec. 10, 1948.
3. Protection of Victims and defenceless in armed conflict, POWs, wounded and civilians in Armed Forces.
4. Central Human Right Commission : Organisation and Function.
5. State Human Right Commission : Organisation and Function.

Unit-IV REFUGEE LAW

1. Meaning, Concept and causes of Refugee.
2. Refugee and IDPs.
3. Refugee law in India.
4. Refugee Problem in South Asia.
5. Role of International Committee of Red Cross and UNO in Refugee Problems.

Unit-V LAWS OF WAR

1. Law of Land war.
2. Law of Sea war.
3. Law of Air war.
4. Space law.
5. The International Court of Justice.

SELECTED READINGS :

1. Maunce clark, J: Readings in the Economics of War.
2. International Security : Modern political Science series.
3. Rajani Kothari : Word order.
4. Oppenheim, I : Use of Forces by states and International law.

PAPER - II
MODERN WARFARE (Paper Code-0278)

AIM : To enable students to appreciate the impact of Political, economic and technological developments on the patterns of conflicts between nations.

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

- UNIT-I**
1. Development of Nuclear weapons.
 2. Effects of Nuclear Explosion.
 3. Spread of Nuclear Weapons.
 4. Missile and their characteristics.
 5. Type of Missiles.
- UNIT-II**
1. Trends in Science and Technology and their impact on war.
 2. Role of Research and Development.
 3. Development of Weapons and their impact on tactics
 4. Command, Control, Communication and Intelligence (C³ I) in Modern Warfare.
 5. Elements of National Power.
- UNIT-III**
1. Military Satellites.
 2. Explosive Bombs.
 3. War Gases.
 4. Micro Organs : as a weapons.
 5. Smart Weapons.
- UNIT-IV**
1. Rocket Technology and India.
 2. Missile Technology and India.
 3. Nuclear Technology and India.
 4. Atomic Minerals and India.
 5. Space Technology and India.
- UNIT-V**
1. New world order - Political, Social and Economical.
 2. Alliance and Regional co-operation.
 3. Mobilisation of resources for war.
 4. War time economics.
 5. New trends.

SELECTED READINGS :

- | | | | |
|----|--------------------|---|--------------------------------|
| 1. | Halailan Morton | : | Coutemporary Military strategy |
| 2. | Brodue, Y. | : | Strategy in the Missile Age. |
| 3. | Markabi, Y. | : | Nuclear war and Nuclear peace |
| 4. | Osanka. F.M. | : | Modern Guerilla warfare |
| 5. | Gerald. J. | : | Defence Psychology |
| 6. | Know Kalus | : | Science and Defence |
| 7. | Pandey Girish Kant | : | Yudh mein Vigyan avem Tackniki |

PRACTICALS

There shall be practical examination of 3.5 hours duration carrying.

50 marks

The division of marks shall be as follows :

- | | | | | |
|-----|----------------------------------|---|----|--------|
| (1) | Plain Table Survey | : | 15 | Marks. |
| (2) | Experimental Military Psychology | : | 15 | Marks. |
| (3) | Group Descussion & Lectring | : | 05 | Marks. |
| (4) | Viva-Voce | : | 05 | Marks. |
| (5) | Sessional work & Record | : | 10 | Marks. |

SECTION - A

Plain Table Survey by inter section methods.

(Ateast ten exercises in a session).

SECTION - B

Military psychology Experiment :

- (1) Muller-Layer-Illusion test.
- (2) Koh's Block Design Test.
- (3) Allexander Pass Along Test.

SECTION - C

Group Discussion and Lectures based on current topic on any international Problems as issue.

EDUCATION
PAPER - I
EDUCATIONAL MANAGEMENT AND EDUCATIONAL TECHNOLOGY
(Paper Code-0255)

COURSE OBJECTIVES

1. To develop knowledge and understanding of the meaning, scope process and types of management.
2. To develop the ability to identify the roles of participating members (individual or collective) and to plan various institutionalized managerial activities.
3. To develop the ability of making objective decisions in educational management.
4. To enable the students to understand about the concept, nature and scope of educational technology.
5. To expose the students to the basic developments in Educational Technology.

COURSE CONTENTS

- UNIT-I** - Concept of Educational Management : Meaning, nature, need and scope.
- Types of Educational Management : Centralized and decentralized, external and internal. Authoritarian / autocratic and democratic, dynamic / creative and Laissez-faire.
- UNIT-II** - Managerial Behaviour : Factors affecting managerial behaviours; personal, social, cultural, political, institutional etc.
- Aspects of institutional management : Curricular and co-curricular programmes; student welfare auxiliary services including school health services; school plant including equipment and assets; sanitation and beautification; institutional planning; time table; interpersonal relationship; institutional climate and discipline;
- hostel and staff accommodation; management of finance; home, school and community relationships; evaluation of students achievement and promotion; admission, office management etc.
- UNIT-III** - Educational planning : Meaning, need and significance of educational planning; types of educational planning, strategies in educational planning; steps in educational planning.

UNIT-IV - Communication Process : theory, concept, nature, process, components, types of classroom communication, mass media approach in educational technology.

UNIT-V - System Approach to Instruction : System approach in instructional process, instructional system designing : concept, components, physical and human resources, steps.

- Innovations in Educational Technology : Programmed learning, micro and macro teaching, team teaching.
- Personalized system of instruction, computer assisted instruction, simulated teaching distance teaching.

BOOKS :

1. Educational Technology. R.A. Dhaowa, Lall Book Depot, Mearut.
2. शैक्षणिक तकनीकी आर. ए. वर्मा, लाल बुक डिपो मेरठ।

PAPER - II
PHILOSOPHY OF EDUCATIONAL
(Paper Code-0256)

- UNIT-I** - Naturatism
- Progmation
- UNIT-II** - Realism
- Ideatims
- UNIT-III** - Dayanand
- Gandhi
- Tagore
- UNIT-IV** - Aurbindo
- Vivekanand
- Azkir Hussan
- UNIT-V** - Montesson
- Froebel
- Festalloggi.
