

ANTHROPOLOGY

CLASS-XI

THEORY

One Paper

3 Hours

70 Marks

Unit	Content	Periods	Marks
1.	Introduction to Anthropology.	15	7
2.	Man's place in the animal kingdom in brief.	20	8
3.	Human Skeleton.	20	8
4.	Fossil men.	20	7
5.	Preliminary knowledge of Human genetics.	25	8
6.	Races of man.	15	7
7.	Racial criteria.	25	8
8.	Major races of the world.	20	7
9.	Ecology and Adaption.	10	5
10.	Fundamental knowledge of statistics	10	5
	Total	180	70

	Periods	Marks
1. Introduction to Anthropology :	15	7
(i) Definition and meaning of Anthropology.		
(ii) Scope and Objective of the Subject.		
(iii) Major Branches of Anthropology.		
(iv) Anthropology as a Specific discipline and its relations with other disciplines.		
2. Man's place in the animal kingdom in brief :	20	8
General Characters and classification of Mammals and Primates.		
3. Human Skeleton	20	8
(i) A general study of the Human Skeleton to understand the position and articulation of various bones with special reference to the skull, the vertebral column - noting the development of the four curves while attaining the erect posture and the femur.		
(ii) Definition and dental formula - milk teeth and permanent teeth, age of onset of teeth.		

4.	Fossil men. A brief discussion on evolution of Man on the basis of fossil records of - (a) Australopithecus africanus (b) Pithecanthropus erectus (c) Homo neanderthalenis and (d) Old man and cro-magnon.	20	7
5.	Preliminary Knowledge of Human genetics : (i) Structure of cell and its division - Mitosis and Meiosis cell division. (ii) Mendel's Laws of heredity - Monohybrid and Dihybrid ratio.	25	8
6.	Races of man. Definition of race, Mechanisms for the formation of race.	15	7
7.	Racial Criteria. Head form, Skin colour, Eye, Hair, Nose, Stature, ABO blood group and Finger ball Patterns.	25	8
8.	Major races of the world. Racial classification, distinctive physical features and geographical distribution of the major racial groups and man; Caucasoid (Archaic Caucasoid), Mongoloid, Negroid and Australoid.	20	7
9.	Ecology and Adaption. (i) Meaning and definition of ecology and adaption (ii) Physical or abiotic environment; biological or biotic environment and Elements of adaption.	10	5
10.	Fundamental Knowledge of Statistics. Mean, Median and Mode	10	5

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ANTHROPOLOGY

CLASS-XI PRACTICAL

One Paper

3 Hours

30 Marks

Unit	Content	Periods	Marks
1.	Introduction in Anthropometry	10	4
2.	Somatometry	12	10
3.	Identification of human bones.	8	4
4.	Identification of blood group	5	4
5.	Laboratory Note Book	-	4
6.	Viva Voce	-	4

	Periods	Marks
1. Introduction in Anthropometry : A brief introduction to Anthropometry, Identification and uses of instruments : (i) Sliding Caliper, (ii) Spreading Caliper, (iii) Anthropometer and (iv) Weighing machine (portable)	10 (1½ Hour duration each)	4
2. Somatometry (a) Somatometric measurements (on 5 subject) (i) Maximum head length, (ii) Maximum head breadth (iii) Total facial height, (iv) Bizygomatic breadth, (v) Nasal height, (vi) Nasal breadth, (vii) Height vertex and (viii) Body Weight (b) Indice : (i) Cephalic index, (ii) Total facial index and (iii) Nasal index. (c) Somatoscopic observation : (i) Skin colour, (ii) Eye, (iii) Nose and (iv) Hair.	12 (of 1½ hour duration each)	10
3. Identification of human bones. (i) Skull : Frontal, Parietal Occipital, Temporal (ii) Limb bones : Humerus and Femur, (iii) Girdles : pelvis, clavicle and Scapula.	8 (of 1½ hour duration each)	4
4. Identification of blood group Collect blood samples from 5 individuals and classify their ABO blood group (by open slide method)	5 (of 1½ hour duration each)	4
5. Laboratory Note Book	-	4
6. Viva Voce	-	4

PRESCRIBED TEXTBOOKS :

1. Outlines of Physical Anthropology
By B.M. Das,
Published by Kitab Mahal Agencies,
22-A, Sorojini Naidu Marg, Allahabad-211001.
2. Anthropology for Beginners Part I & II
By R.C. Das,
Published by Songam Prakash,
Rajgarh Road, Guwahati - 3.
3. Anthropology The Study of Man
By Indrani Basu Roy,
Published by S. Chand & Company Ltd.
Ram Nagar, New Delhi - 110055.
4. Physical Anthropology Practical
By B.M. Das and Ranjan Deka,
Published by Kitab Mahal Agencies,
Allahabad - 2110003.
5. Methods of Social Survey and Research
By S.R. Bajpai,
Published by Kitab Ghar,
Acharyanagar, Rampur - 3.
6. Physical Anthropology (with Principles and Methods of Anthropology),
By R.M. Sarkar,
Century Publishers,
Calcutta - 9, India.

DESIGN OF QUESTION PAPER

Subject : **ANTHROPOLOGY**
 Paper : Theory
 Class : XI
 Full Mark : 70
 Time : 3 Hours

WEIGHTAGE TO OBJECTIVES					
I	Objectives			Marks	Percentage
	Knowledge (K)			14	20
	Understanding (U)			32	46
	Application (A)			21	30
	Skill (S)			3	4
	Total :			70	100
WEIGHTAGE TO FORM OF QUESTIONS:					
II	Form of Questions	No. of Question	Time (in minute)	Marks	Percentage
	Essay/Long Answer(E/LA)	5x3	60	15	21
	Short Answer(SA-I)	3x7	42	21	30
	Short Answer(SA-II)	2x10	40	20	29
	Very Short Answer(VSA)	1x10	30	10	14
	MCQ	1x4	8	4	6
	Total:		34	180	70
WEIGHTAGE TO CONTENT:					
UNIT/CONTENTS :					Marks
III	1.	Introduction to Anthropology.			7
	2.	Mans' place in the animal kingdom in brief.			8
	3.	Human Skeleton.			8
	4.	Fossil Men.			7
	5.	Preliminary Knowledge of Human Genetics.			8
	6.	Races of man.			7
	7.	Racial Criteria.			8
	8.	Major races of the world.			7
	9.	Ecology and Adaptation.			5
	10.	Fundamental Knowledge of Statistics.			5
	Total :				
IV	SCHEME OF SECTIONS : Nil				
V	SCHEME OF OPTIONS : Nil				
VI	DIFFICULTY LEVEL :				
	Difficulty	:			30%
	Average	:			50%
	Easy	:			20%

Abbreviation : K(Knowledge), U(Understanding), C(Comprehension), Exp.(Expression), Skill(S), E(Essay Type), SA (Short Answer Type), VSA (Very Short Answer Type), MCQ(Multiple Choice Question)

**DESIGN
QUESTION PAPER/UNIT TEST**

Subject : ANTHROPOLOGY (Practical)

Class : XI

Full Marks : 30

Time : 3 Hours

Sl. No.	Form of Exercise	Nature of Exercise	Skill to be tested						
			Manipulative Skill	Observational Skill	Drawing skill	Reporting Skill	Related Understanding	Total Marks	Estimated Time (Mins.)
1.	Short	Identification of instrument	2	0	0	0	2	4	20
2(a)	Major	Somatometric measurements	2	1	0	3	0	6	30
2(b)	Short	Indice	0	0	0	1	1	2	10
2(c)	Short	Somatoscopic Observation	1	-	-	-	1	2	5
3.	Short	Identification of bones	1	-	-	2	1	4	50
4.	Short	Identification of Blood group	1	1	-	2	-	4	35
5.	Class Record	Laboratory Note book	0	0	2	2	0	4	-
6.	Viva voce	-	-	-	-	-	4	4	30*
Total			7	2	2	10	9	30	180

*Thirty minutes are allotted for Viva Voce during which the examiner should make an assessment of the knowledge of outdoor experiment by putting related questions along with the general viva voce.

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ANTHROPOLOGY

CLASS-XII

THEORY

One Paper

3 Hours

70 Marks

Unit	Content	Periods	Marks
1.	Social Anthropology and Cultural Anthropology	20	8
2.	Definition and concept of culture and society	10	4
3.	Environmental determinism of culture	10	4
4.	Family	20	7
5.	Marriage	20	7
6.	Kinship	10	4
7.	Ethnography	10	6
8.	Primitive economic systems	20	8
9.	Basic knowledge of Social Survey	10	3
10.	Prehistoric Archaeology	20	7
11.	Prehistoric cultures	20	7
12.	Tool families and Tool-making techniques	10	5
Total		180	70

	Periods	Marks
1. Social Anthropology and Cultural Anthropology :	20	8
(i) Meaning and definition of Social Anthropology and cultural Anthropology		
(ii) Relationship of Social and cultural Anthropology with other disciplines.		
2. Definition and concept of culture and society :	10	4
(i) Meaning and anthropological concept of culture.		
(ii) Definition, meaning and concept of human society.		
3. Environmental determinism of culture :	10	4
(i) Environment and culture.		
(ii) Influence of physical environment on culture.		
4. Family :	20	7
(i) Definition, forms/types.		
(ii) Functions of family		

5.	Marriage : (i) Definition, forms/types. (ii) Ways of acquiring mates in tribal societies with special reference to India.	20	7
6.	Kinship : (i) Definition and types. (ii) Degrees of kinship. (iii) Usages of kinship	10	4
7.	Ethnography : (i) Meaning and definition of ethnography. (ii) A study of social organisation of the Tangkhul Nagas.	10	6
8.	Primitive economic system : (i) General characteristics of primitive economic systems. (ii) Food Gathering - hunting and fishing. (iii) Food Producing - domestication of animals and agriculture.	20	8
9.	Basic knowledge of Social Survey : Importance of schedule and questionnaire.	10	3
10.	Prehistoric Archaeology : (i) Nature and definition of Prehistoric Archaeology. (ii) Scope of prehistoric Archaeology. (iii) Preliminary knowledge of geological time scale and Pleistocene climatic conditions, the great ice age. (iv) Brief outline on the methods of dating the past - Stratigraphy, typology and C ₁₄ .	20	7
11.	Prehistoric cultures : (i) A brief outline of the following Prehistoric cultures of Europe – Paleolithic, Mesolithic and Neolithic periods. (ii) A comparative study of the salient features of Paleolithic and Neolithic cultures.	20	7
12.	Tool families and Tool-making techniques. (i) Tool families – Chopper, Hand – axes, cleavers, Scrapers, Points, Blades, Awl/Barer, Graver/Burin, Microliths, bone tools and Celt's. (ii) Tool Making - techniques of manufacturing core and flake tools, primary and secondary flaking, pressure flaking, grinding and polishing. Materials used in making prehistoric tools.	10	5
Total =		180	70

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ANTHROPOLOGY

CLASS-XII PRACTICAL

One Paper

3 Hours

30 Marks

Prehistory and Survey Methods

Group A : Prehistory

1. Identification of tools (representing each industrial phase)
(three periods of one half hours duration each) 4 Marks
2. Drawing and descriptions of tools (general shape, size,
Probable tool-type, age and uses) 10 Marks

Palaeolithic tools :

- (i) Chopper
- (ii) Pear-shaped
- (iii) Cleaver
- (iv) Scraper
- (v) Blade
- (vi) Baton-de-commandement
- (vii) Bone needle

Mesolithic tools :

- (i) Micro blades
- (ii) Trapeze
- (iii) Lunate

Neolithic :

- (i) Axe type of celt
- (ii) Adze type of celt
- (iii) Rectilinear shoulder celt

(24 Periods of one and half hours duration each)

3. **Viva Voce** 4 Marks
4. **Laboratory Note Book** 4 Marks

Group B : Survey Method

8 Marks

5. A student is required to collect relevant data in the household survey schedules which are being provided by the Department concerned from at least 10 families of a locality. A type out report based on the analysis of the schedules should be submitted to the Department along with the used schedules for the purpose of final assessment at the time of examination. The report should contain the following accounts :

- (i) Introductory note on the locality,
- (ii) Tables showing the size of household population, Marital status, Literacy and Household Income,
- (iii) Concluding remarks.

Every student should submit the ten duly filled in household schedules along with the typed out report at the time of examination.

Distribution of Marks

6 Marks

- (i) Field Report 4
- (ii) Ten filled-in household schedules 2

6. **Viva Voce on the field-report.**

2 Marks

PRESCRIBED TEXTBOOKS :

1. An Introduction to Social Anthropology
By D.N. Majumdar and T.N. Madan,
Published by Mayur Paperbacks,
A-95, Sector-5, NOIDA - 201301
2. Anthropology for Beginners Part I & II
By R.C. Das,
Published by Sangam Prakash,
Rajgarh Road, Guwahati - 3.
3. Introducing Social and Cultural Anthropology
By Hemendra Nath Banerjee,
K.K. Publications Calcutta - 73
4. Anthropology - The Study of Man
By Indrani Basu Roy,
Published by S. Chand & Company Ltd.,
Ram Nagar, New Delhi - 110055.
5. Pre-historic Archaeology
By D.K. Battacharya,
Hindustan Publishing Corporation,
Delhi - 7.
6. Stone Age Tools
By Sankala, H.D. Deccan College Post Graduate and Research Institute, Pune.
7. Methods of Social Survey and Research
By S.R. Bajpai,
Published by Kitab Ghar,
Acharyanagar, Kanpur - 3.
8. Social and Cultural Life of the Nagas (The Tangkhul Nagas)
By M. Horam,
B.R. Publishing Corporation, Delhi.
9. The Naga Tribes of Manipur
By T.C. Hodson,
Low Price Publications, Delhi.



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	3.	Environmental determinism of culture			4
	4.	Family			7
	5.	Marriage			7
	6.	Kinship			4
	7.	Ethnography			6
	8.	Primitive Economic System			8
	9.	Basic Knowledge of Social Survey			3
	10.	Prehistoric Archaeology			7
	11.	Prehistoric Cultures			7
	12.	Tool families and Tool making techniques			5
Total :				70	
IV	SCHEME OF SECTIONS : Nil				
V	SCHEME OF OPTIONS : Nil				
VI	DIFFICULTY LEVEL :				
	Difficulty	:		30%	
	Average	:		50%	
	Easy	:		20%	

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1.	Short	Identification of Prehistoric Tools	2	0	0	0	2	4	30
2.	Major	Drawing and description of tools	1	1	6	1	1	10	120
3.	Class Record	Lab. Note book	-	-	2	2	-	4	-
4.	Field Survey	Outdoor experiment Household Survey technique	3	0	0	3	-	6	-
5.	Short	Viva Voce	0	0	0	0	6	6	30*
Total			6	1	8	6	9	30	180

*Thirty minutes are allotted for Viva Voce during which the examiner should make an assessment of the knowledge of outdoor experiment by putting related questions along with the general viva voce.
