

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

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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.

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**DESIGN**  
**QUESTION PAPER/UNIT TEST**

Subject : ANTHROPOLOGY  
Unit/Paper : Theory  
Class : XI  
Full Marks : 70  
Time : 3 Hours

I	WEIGHTAGE TO OBJECTIVES :						
	Objectives	K	U	A	S	Total	
	Percentage of Marks	30	50	15	05	100	
	Marks	21	35	09	05	70	
II	WEIGHTAGE TO FORM OF QUESTIONS :						
	Forms of Questions	E	SA-I	SA-II	VSA	O	Total
	No. of Questions	03	05	10	09	05	32
	Marks Allotted	21	15	20	09	05	70
	Estimated Time (in Minutes)	72	30	50	18	10	180
III	WEIGHTAGE TO CONTENT:						
	Units/Contents					Marks	
	1.	Introduction to Anthropology				07	
	2.	Man's place in the animal kingdom in brief				08	
	3.	Human Skeleton				08	
	4.	Fossil men				07	
	5.	Preliminary knowledge of Human genetics				08	
	6.	Races of man				07	
	7.	Racial criteria				08	
	8.	Major races of the world				07	
	9.	Ecology and Adaptation				05	
	10.	Fundamental knowledge of statistics				05	
Total					70		
IV.	SCHEME OF SECTIONS : No sections						
V.	SCHEME OF OPTIONS : There will be no over all choice.						
VI.	DIFFICULTY LEVEL:						
	Difficult : 15% marks						
	Average : 50% marks						
	Easy : 35% marks						

**Abbreviation :** K (Knowledge), U (Understanding), A (Application), S (Skill), E (Essay Type), SA (Short Answer type), VSA (Very Short Answer), O (Objective Type).

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**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						Total Marks	Estimated Time (Mins.)
			Manipulative Skill	Observational Skill	Drawing skill	Reporting Skill	Related Understanding			
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*	
<b>Total</b>			<b>7</b>	<b>2</b>	<b>2</b>	<b>10</b>	<b>9</b>	<b>30</b>	<b>180</b>	

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

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 <sub>14</sub> .	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. | V i a V o c e        | 4 Marks |
| 4. | Laboratory Note Book | 4 Marks |

Group B : Survey Method

8 Marks

5. A students 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. | V i a V o c e 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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**DESIGN**  
**QUESTION PAPER/UNIT TEST**

**Subject : ANTHROPOLOGY**  
**Unit/Paper : Theory**  
**Class : XII**  
**Full Marks : 70**  
**Time : 3 Hours**

I	WEIGHTAGE TO OBJECTIVES :						
	Objectives	K	U	A	S	Total	
	Percentage of Marks	30	50	15	05	100	
	Marks	21	35	10	04	70	
II	WEIGHTAGE TO FORM OF QUESTIONS :						
	Forms of Questions	E	SA-I	SA-II	VSA	O	Total
	No. of Questions	03	05	10	09	05	32
	Marks Allotted	21	15	20	09	05	70
	Estimated Time (in Minutes)	72	30	50	18	10	180
III	WEIGHTAGE TO CONTENT:						
	Units/Contents					Marks	
	1.	Social Anthropology and cultural Anthropology				08	
	2.	Definition and concept of culture & society				04	
	3.	Environmental determinism of culture				04	
	4.	Family				07	
	5.	Marriage				07	
	6.	Kinship				04	
	7.	Ethnography				06	
	8.	Primitive economic system				08	
	9.	Basic knowledge of Social Survey				03	
	10.	Prehistoric Archaeology				07	
	11.	Prehistoric cultures				07	
12.	Tool families & Tool making techniques				05		
Total					70		
IV.	SCHEME OF SECTIONS : No sections						
V.	SCHEME OF OPTIONS : There will be no over all choice.						
VI.	DIFFICULTY LEVEL:						
	Difficult : 15% marks						
	Average : 50% marks						
Easy : 35% marks							

**Abbreviation :** K (Knowledge), U (Understanding), A (Application), S (Skill), E (Essay Type), SA (Short Answer type), VSA (Very Short Answer), O (Objective Type).

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**DESIGN**  
**QUESTION PAPER/UNIT TEST**

Subject : ANTHROPOLOGY (Practical)

Class : XII

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 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*
<b>Total</b>			<b>6</b>	<b>1</b>	<b>8</b>	<b>6</b>	<b>9</b>	<b>30</b>	<b>180</b>

\*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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