

If the questions attempted are in excess of the prescribed number, only the questions attempted first up to the prescribed number shall be valued and the remaining ones ignored.

Answers may be given either in English or in Bengali but all answers must be in one and the same language.

GROUP-A

Answer any three Questions :

1. Briefly discuss the concept of 'race' in Anthropology. Discuss about anthropological debates on 'race and racism'.
Define 'polymorphic traits'. Discuss polymorphic traits with special reference to ABO Bloodgroup and its distribution.
7+8+15
2. What do you mean by 'hominization process' ? What evolutionary changes occurred in human pelvic girdle and hind limbs in the process of evolution ? Why do you think the Spatio-temporal expansion of Homo erectus was more than the Australopithecus ?
10+10+10
3. Briefly enumerate the application of Human Genetics with Special reference to forensic anthropology.
How the knowledge of Osteology is used in determination of age and sex of cranial Skeleton.
Dermatoglyphics is used in personal identifications — illustrate.
10+12+8
4. Briefly discuss the concept of human adaptation and acclimatization.
What adaptive changes occurred in human living in hot and cold climates and in high altitude regions of the world ?
Briefly define Bergman's and Allen's Rule.
(5+5)+(5+5+5)+(2½+2½+2)

GROUP-B

Answer any three Questions :

5. Critically evaluate anthropological theory of Evolutionism.
What is ethnocentrism ?
24+6
6. Define Political Anthropology. What do you understand by Political Movement ? Briefly enumerate the different types of socio-political movements. Elaborate one such movement. Define ethnicity.
6+6+12+6
7. What is the scope of Economic Anthropology ? Briefly discuss on Reciprocity, Redistribution, and Market Exchange.
What is Potlatch ? — discuss its significance.
6+18+6
8. What is radiometric dating ? What are its advantages and disadvantages ?
Write a brief account on Potassium-Argon dating technique.
What are the characteristic features of Neolithic culture of India ?
2+8+10+10

GROUP-C

Write Short Notes on any two :

9. a) Linguistic Anthropology.
- b) Archaic Homo Sapiens.
- c) Stages of human growth.
- d) Colonialism and Anthropology.

10x2

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GROUP-A

Answer any three Questions :

1. Briefly state the 6th schedule. Give an account of ethnic, linguistic and economic distribution of tribal populations of India. 20+20
2. Define Jajmani systems. Enumerate briefly the theory of the origin of caste system. State the salient features of caste system in India. 10+15+15
3. Define Demography and state its relationship with Anthropological demography. Enumerate the different factors that affect fertility. Assume the total population of females of age group 20-24 was 35000 in 2007 in a city. The women of the same age group gave birth to 2500 babies in the same year. Calculate age specific fertility rate (ASFR). 10+20+10
4. Make a critical appraisal of the ethnic classification made by H. H. Risley, B. S. Guha and S. S. Sarkar. Describe the distribution of Hb variants in Indian population. 30+10
5. Write Short Notes on any two of the following :
 - a) Constitutional provisions of SCs and STs in India.
 - b) Sacred complex.
 - c) Village studies in India.
 - d) Folklore and identity.20+20

GROUP-B

Answer any two Questions :

6. a) Enumerate the perspective of Biomedical Anthropology in the understanding of non-communicable diseases. 30+10
 b) What do you mean by critical Medical Anthropology ?
7. Give an account of the tribal development programmes in post Colonial India. 40
8. State the Mesolithic Cultural Phase in Middle Ganges Plain and adjoining regions of North-Central India. 40



2019

ANTHROPOLOGY

PAPER-I

Time Allowed — 3 Hours

Full Marks — 200

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The figures in the margin indicate marks for each question.

Group-A

Answer **any three** questions

1. Define linguistic Anthropology and discuss its importance in Anthropology. Give an account of the linguistic groups of India and their distribution with suitable example of two ethnic populations from each of the linguistic groups. Write a note on variation of head shape of any one of the linguistic groups of India. 8+12+10=30
2. Give an account of health and disease in relation to communicable and non-communicable disease. Discuss the association of socio-demographic variables and communicable and non-communicable disease with suitable examples. Enumerate briefly the effect of vitamin deficiency in nutrition. 10+12+8=30
3. Give an account of Darwinian Theory of organic evolution. Discuss the evolutionary biology with reference to the skull in the context of human evolution. Briefly enumerate the neutral theory of evolution. 10+10+10=30
4. Enumerate the relationship of marriage and kinship. Discuss incest and consanguinity in relation to kinship system. Give an account of possibility of genetic disorder in consanguinity. 10+10+10=30

Group-B

Answer **any three** questions

5. Compare and contrast between power and authority. Discuss the characteristics of state society. Give an account of the post independence socio-political movements of tribal population. 8+10+12=30
6. Define growth and development with suitable examples. Enumerate different methodologies of growth study with their merits and demerits. Discuss the different factors affecting growth with suitable examples. 8+10+12=30
7. Define Neolithic. Which were the most relevant Neolithic changes? Briefly discuss about the Neolithic culture in India. 8+10+12=30
8. Define Jajmani systems. Enumerate briefly the theory of the origin of caste system. State the salient features of caste system in India. 8+12+10=30

Group-C

Write short on **any two**:

10×2=20

- (a) Genealogy and pedigree
 - (b) Kula Ring
 - (c) Testing of hypothesis
 - (d) Religion and Magic
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2019

ANTHROPOLOGY

PAPER-II

Time Allowed—3 Hours

Full Marks—200

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*Answer may be given either in **English** or in **Bengali** but all answers must be in one and the same language.*

The figures in the margin indicate marks for each question.

Group A

Answer any three questions.

1. What is Ethnoarchaeology? What is the difference between Ethnoarchaeology and ethnographic analogy? Discuss the Ethnoarchaeological studies in India with special reference to megalithic burials and mortuary practices in India. 5+10+25=40
2. (a) Is ramapithecus a hominin? Who discovered ramapithecus? What are the characteristic features of ramapithecus?
 (b) Who discovered Narmada man? What are the major characteristics features of Narmada man? State briefly about significance of Narmada man in human evolution. $(6+2+12)+(2+8+10)=40$
3. Define the term demography. Compare and contrast between
 - (a) demography and population studies
 - (b) rates and ratios
 - (c) fertility and fecundity
 - (d) mortality and morbidity 4+(9×4)=40
4. (a) Define 'great and little tradition'. Give an account of the Redfield's concept of civilization.
 (b) What do you mean by Sanskritization? What are the characteristics of Sanskritization? Discuss the different models of Sanskritization with suitable examples. $(5+15)+(4+8+8)=40$

5. Write a short notes on *any two* of the following:

20+20=40

- (a) Concept of SC and ST
- (b) Development of village study in India
- (c) Health and Human rights
- (d) Social-cultural dimensions of health

Group B

Answer any two questions.

6. Define Tribes. What is ethnicity? Write a brief note on Jharkhand movement. 4+6+30=40

7. What is sustainable development? What are the major cultural factors of sustainable development? Write a brief note on 'role of anthropology in development'. 5+10+25=40

8. Write short notes on:

20+20=40

- (a) Geographical distribution of ABO blood group in Indian tribes
 - (b) Economic distribution of Indian tribes
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2021

ANTHROPOLOGY

PAPER-I

Time Allowed — 3 Hours

Full Marks — 200

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*Answers may be given either in **English** or in **Bengali** but all answer must be in one and same language.*

Group-A

Answer any three questions.

1. (a) What are the differences between out of Africa and multiregional theories of human origin? Discuss briefly with evidences multiregional continuity model of modern human origin.
(b) Write an essay on synthetic theory of evolution. (5+15)+10=30
2. (a) What is inbreeding? What are the differences between consanguinity and inbreeding? Calculate coefficient of inbreeding of first cousin marriage.
(b) Discuss briefly Hardy-Weinberg equilibrium with suitable example. (4+6+10)+10=30
3. (a) Define somatotype. Discuss in brief Heath-Carter method of somatotyping.
(b) What is BMI? Write down recent classification of nutritional states by WHO on the basis of BMI. Critically evaluate use of WHO classification in Indian context. (5+10)+(4+3+8)=30
4. (a) Define growth. What are the differences between growth and development? Write a brief note on different methods of growth study.
(b) Write a short note on factors affecting human growth. (2+4+9)+15=30

Group-B

Answer any three questions.

5. (a) What are the differences between excavation, exploration and site survey?
(b) Write a brief note on method of C^{14} dating and its application in anthropology. Write its merits and demerits. 15+(10+5)=30

6. (a) What is post-structuralism? What are the differences between post-structuralism and post-modernism theories in social science?
- (b) What are the major characteristic features of culture? (6+14)+10=30
7. (a) Define marriage. What do you mean by preferential and prescribed forms of marriage? Discuss its different forms.
- (b) Define Kinship. What are the different types and major patterns of kinship system found worldwide (by Morgan)? (5+5+5)+(3+12)=30
8. (a) Define Anthropology of religion. What are the basic functions of religion as relevant in present society?
- (b) Write a short note on cultural ecology. (6+12)+12=30

Group-C

9. Write short notes on *any two* of the following: 10×2=20
- (a) Double burden of malnutrition
- (b) Anthropology of gender
- (c) Participant observation
- (d) Testing of hypothesis
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2021

ANTHROPOLOGY

PAPER-II

Time Allowed — 3 Hours

Full Marks — 200

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Group – A

Answer any three questions.

1. Briefly define the terms SC, ST & OBC as laid in Indian Constitution. What are the Constitutional safeguards for the STs and Constitutional provisions of 5th and 6th schedule? 10+10+10+10=40
2. Discuss critically the ideas of Universalization-Parochialization, and Tribe - Peasant Continuum in understanding Indian Civilization. Discuss the present major problems of the tribals of India in reference to land and forest. 10+10+10+10=40
3. Define Ethnicity. Discuss the issues of ethnicity and tribal movements with special reference to the tribes of Central India. 10+30=40
4. What is meant by Demography? Briefly illustrate its different demographic theories. Enumerate the rural demographic dynamics in relation to sex ratio and migration with suitable examples. 10+10+20=40
5. Write short notes on any two: 20×2=40
 - (a) Indian Chopper - Chopping complex
 - (b) Sex-Ratio
 - (c) Human Rights and Anthropology
 - (d) Association of fecundity, fertility and modernization

Group – B

Answer any two questions.

6. Critically evaluate the ethnic classification of India by B.S. Guha and S.S. Sarkar. 20+20=40
7. Critically evaluate the different approaches of Sustainable development. Discuss the role of Anthropology in development. 20+20=40
8. Define Ethnoarchaeology. Discuss ethnoarchaeological aspects in reference to Megalithic burials found in India and the mortuary practices of Indian tribes. 10+20+10=40
9. Critically evaluate the contributions of N.K. Bose and S.C. Sinha in development of Indian Anthropology. 20+20=40

2021

ANTHROPOLOGY

PAPER-I

Time Allowed — 3 Hours

Full Marks — 200

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Group-A

Answer any three questions.

1. Discuss the relevance of Linguistic Anthropology in the context of other disciplines in the humanities and social sciences. Briefly state the methods of studying linguistic anthropology. State the distribution of Linguistic families in India with at least two names of representative tribal groups for each linguistic group. 10+10+10=30
2. Discuss the development of Political Anthropology with special emphasis on postmodernism and globalization. State the evolution and structure of Pre-industrial Political Systems. Give a brief account of revitalization movement theory. 10+10+10=30
3. Discuss the importance of Pleistocene epoch in Human evolution. Give an account of the distribution and salient features of Homo erectus fossil remains. Enumerate the different theories of human origin. 10+10+10=30
4. Inbreeding leads to the increase in genetic load – illustrate. Define inbreeding co-efficient and compute the co-efficient of inbreeding of first cousin, second cousin, half sib with suitable pedigree. How knowledge of DNA fingerprinting can be used in personal identification? 10+10+10=30

Group-B

Answer any three questions.

5. Define religion and illustrate its functions. Discuss in details the anthropological approaches to study religion. 10+20=30
6. Give an account of the general causes of nutritional deficiency. What are the various ways of measuring nutritional status? Discuss the Protein-Calorie Malnutrition in children with reference to stunting and wasting. 5+10+15=30
7. Define Neolithic. What significant development took place during Neolithic period? Discuss briefly on the Neolithic culture of India. 5+10+15=30
8. Briefly discuss structure and inheritance pattern of mtDNA. Give a short account of the distribution of mtDNA haplotypes of tribal groups of India. 15+15=30

Group-C

9. Write short notes on *any two* of the following: 10+10=20
 - (a) Kinship
 - (b) Genealogy
 - (c) Ethnography
 - (d) Economic Anthropology

2021

ANTHROPOLOGY

PAPER-II

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Group-A

(Answer any three questions)

1. Give an account of the significance of village studies conducted in India. Write briefly on the Ethnoarchaeology in India with special reference to mortuary practices and megalithic burials. 20+20=40
2. Discuss on the Linguistic elements of Indian population as proposed by S.K. Chatterjee. How are the Linguistic minorities defined? What are their problems? 20+10+10=40
3. Discuss what do you understand by socio-cultural dimension of health. Discuss briefly the scope of Medical Anthropology. Enumerate briefly the concept of Ethnomedicine in Anthropology. How Anthropology can play a significant role in Development? 10+10+10+10=40
4. Define Demography. Compare between Population Study and Demography. Briefly enumerate Malthusian Theory, Theory of Optimal Population and Theory of Demographic Transition. Enumerate briefly the factors influencing fertility. 5+5+20+10=40
5. Write short notes on *any two* of the following: 20×2=40
 - (a) T.C. Das
 - (b) Narmada Man
 - (c) 6th Schedule
 - (d) Art and Architecture of Indus Valley Civilization

Group-B

(Answer any two questions)

6. Discuss the approach of N.K. Bose in studying Indian Civilization with special reference to Hindu mode of Tribal Absorption. What do you know about Sacred Complex in India? 30+10=40
7. Describe the developmental programmes taken during Five Year Plan Periods since 1950 for the tribals of India. 40
8. What are the major impacts found on tribal societies in India during colonial ruling? Discuss the impact of modern democratic institutions on tribal political system after Independence. 20+20=40

2022

ANTHROPOLOGY

PAPER-I

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Group-A

Answer any three questions.

1. (a) Briefly discuss the Neutral theory of molecular evolution.
(b) What are the different types of molecular evolution?
(c) Discuss the basis of neutral theory of molecular evolution. 10+10+10=30
2. (a) Write in brief the definition, aims and scopes of Development Anthropology.
(b) What are the specific role of the anthropologists in the implementation of the development plans?
(c) Discuss in brief the role of anthropologists in the Tribal-Rural Development programmes. (4+3+3)+10+10=30
3. (a) Write in brief on 'Cave art' and 'Home art' in upper palaeolithic period.
(b) Discuss briefly the methods of cave art.
(c) What were the motives of prehistoric human behind art as explained by prehistorians? (5+5)+10+10=30
4. (a) Discuss briefly questionnaire and schedule used in collection of data.
(b) Write the advantages and disadvantages of the case-study Technique.
(c) Write in brief about t-test and chi-square test with examples. (5+5)+(5+5)+(5+5)=30

Group-B

Answer any three questions.

5. (a) What do you mean by human growth and development? Write the different stages of human growth.
(b) Discuss in brief, different factors which affect the growth and development.
(c) Write about different methods of growth study. (5+5)+10+10=30
6. (a) Discuss in brief Lower Palaeolithic culture of Narmada valley.
(b) Write a note on chopper-chopping culture found in Indian sub-continent. 15+15=30

7. (a) Discuss aim and scopes of Ecological Anthropology.
(b) Write the methods of study Ecological Anthropology.
(c) Write a note on culture ecology. 10+10+10=30
8. (a) Write the distribution of Archaic Homo Sapiens worldwide.
(b) Write in brief anatomical features of Archaic Homo Sapiens.
(c) Discuss phylogenetic relationship and taxonomic issues of Archaic Homo Sapiens. 10+10+10=30

Group-C

9. Write short notes on *any two* of the following: 10×2=20
- (a) Prepared core technique of tool making
(b) Kula exchange system
(c) DNA finger printing
(d) Quasi participant observation
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2022

ANTHROPOLOGY

PAPER-II

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Group-A

Answer any three questions.

1. (a) Write in brief, an integrated approach of Anthropology and Folklore in understanding human society and cultural traditions.
(b) Discuss on folkloric elements of West Bengal.
(c) Write in brief on folklore and identity. 10+15+15=40
2. (a) Write a brief account on chalcolithic culture of Eastern India with mentioning chronology, salient features and distribution.
(b) Discuss how chalcolithic culture developed to Iron Age culture in India and mention salient features of second urbanisation in India. (5+5+5+5)+20=40
3. (a) Write in brief, about anthropometry which are used to study the variation of Indian population.
(b) What genetic markers are used to study emergence of man in India and contemporary variation of different ethnic groups. 20+20=40
4. (a) Discuss in brief, Hominin fossil findings from Narmada Valley with its salient features.
(b) Write briefly the status of Narmada Man in the study of evolutionary history of human in South Asia with its phylogenetic controversy. 20+20=40
5. Write short notes on any two of the following: 20×2=40
 - (a) Linguistic elements of Indian population
 - (b) Role of Anthropology in development
 - (c) Tribal movement
 - (d) Mesolithic culture of India

Group-B

Answer any two questions.

6. (a) Discuss the phases of development and major trends of Anthropology in India.
(b) Write the contribution of S.C. Roy and M.N. Srinivas in the foundation of Indian Anthropology. 20+20=40

7. (a) Discuss briefly theoretical understanding of structure of Indian civilization as proposed by R. Redfield and N. K. Bose.
(b) Write in brief about Tribe-peasant and Tribe-caste continuum with suitable examples. 20+(10+10)=40
8. (a) Discuss in brief, the distribution of early Acheulian culture of India with salient features.
(b) Write in brief, the Middle Palaeolithic culture of India with focus on chronology, distribution of sites and tool typology. 20+20=40
9. (a) Discuss briefly the development of village studies in India and its significance.
(b) Write briefly different concepts developed through village studies in India. 20+20=40
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