

2023

ANTHROPOLOGY

PAPER-I

Time Allowed — 3 Hours

Full Marks — 200

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 same language.

Group-A

Answer all questions.

1. (a) Give an account of Lamarck's Theory of organic evolution and its contemporary explanations.
(b) Discuss the evolutionary biology with reference to the vertebral column in the context of human evolution.
(c) Briefly enumerate the neutral theory of evolution. 10+10+10
2. (a) Define genetic counseling and state different steps of genetic counseling.
(b) Enumerate the use of pedigree and probabilities in genetics counseling.
(c) State briefly the utility of amniocentesis and chorionic villi sampling in prenatal diagnosis. 10+10+10
3. (a) Enumerate the relationship of marriage, kinship and incest regulation.
(b) Discuss the relationship of kinship, inbreeding and its possible effects on human genetics.
(c) Assume a boy married the granddaughter of his father's sister and had a son. Draw the pedigree and calculate the inbreeding coefficient with justification. 10+10+10

Group-B

Answer any three questions.

4. (a) Give an account of health and disease in relation to communicable and non-communicable disease.
(b) Discuss the association of socio-demographic with communicable (malaria) and non-communicable diseases (Type 2 diabetes) with suitable examples.
(c) Enumerate briefly the effect of protein calorie under nutrition in children. 10+10+10
5. (a) Discuss Culture relativism in the context of acculturation, enculturation and diffusion with suitable examples.
(b) Give an account of growth, development and maturation with suitable examples.
(c) Give a brief account of race, ethnicity in the context of human variation with suitable examples. 10+10+10

6. (a) Give an account of anthropology of development and development anthropology in the context of anthropological engagements.
(b) Enumerate briefly the anthropology of communication, with reference to visual anthropology mass media and popular culture.
(c) Write a short review of ethnoarchaeology in India with special reference to mortuary practices and megalithic burials. 10+10+10
7. (a) Define and state features of Culture and Civilization.
(b) Give an account of cultural relativism with suitable examples.
(c) Define Anthropology of religion. Enumerate the approaches to the study of religion. 10+10+10
8. (a) Define Primates and provide the general classification of primates with suitable examples.
(b) Give an account of the distributions and salient and distinguishing features of New World Monkey and Old World Monkey.
(c) State the distribution of Apes and discuss the distinguishing features of Asian and African ape. 10+10+10

Group-C

9. Write Short notes on *any two* of the following: 10×2
- (a) Bergman's and Allen's rule.
(b) Potassium Argon dating (K-Ar)
(c) Hypothesis testing.
(d) Human physique and somatotype.
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