

**2022**  
**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 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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