

M.Sc. 4th Semester Examination, 2025

ANTHROPOLOGY

(Human Evolution and Adaptation)

PAPER — ANT-402(A & B)

Full Marks : 50

Time : 2 hours

Answer all questions

The figures in the right hand margin indicate marks

Candidates are required to give their answers in their own words as far as practicable

ANT — 402A

(Biological Anthropology Specialisation)

GROUP — A

Answer any four questions of the following :
2 × 4

(Turn Over)

1. What is reproductive fitness ?
2. What is Gross Reproductive Rate (GRR) ?
3. What is co-morbidity ?
4. Define hypoxia.
5. What is homeostasis ?
6. What is Sewall Wright effect ?

GROUP – B

Answer any four questions of the following : 4×4

7. Why tropical environment conducive to the spread of infectious disease ?
8. Write down the differences between acclimatization and adaptation.
9. Briefly describe the evolutionary aspect of the human chromosome.

10. When did the bottleneck effect occur for humans ?
11. How Molecular clock is describing Human evolution ?
12. What are the different measures of population distance ?

GROUP – C

Answer any two questions of the following : 8 × 2

13. Write in detail about the Out of Africa hypothesis in the study of human origin and expansion.
14. Differentiate between hot and cold climatic adaptation of human populations.
15. Write in detail about the role of mtDNA in terms of molecular evolution.

16. Discuss in detail the role of migration as an evolutionary force.

[Internal Assessment – 10 Marks]

ANT – 402B

(*Anthropology of Complex Society*)

GROUP – A

Answer any four questions of the following : 2×4

1. Mention two theories about the origin of caste.
2. Write down the importance of studying complex societies in Anthropology.
3. Name the authors of (i) *The Structure of Hindu Society* and (ii) *Village India : Studies in the Little Community*.

4. Define Kroeber's value culture.
5. Who are the 'Dalits' ?
6. What is sacred complex ?

GROUP – B

Answer any four questions of the following : 4 × 4

7. What are the features of 'parochialisation' ?
8. Explain the concept of Hindu method of tribal absorption.
9. Mention the characteristic features of the heterogenetic cities.
10. Give the features of complex society.
11. Discuss briefly the contribution of Milton Singer.
12. Briefly explain the culture-historical model of Kroeber.

GROUP – C

Answer any two questions of the following : 8 × 2

- 13. Discuss the trends of studies in network analysis with suitable illustrations.**
- 14. Give an account of the emergence of urban anthropology in global perspective.**
- 15. What is urbanization ? Discuss its impact on the Indian society.**
- 16. Discuss the contribution of Robert Redfield.**

[Internal Assessment – 10 Marks]
