

2025

M.Sc. 1st Semester Examination

ANTHROPOLOGY

Paper : ANTC403X0

(Human Evolution and Variation)

Full Marks : 50

Time : Two Hours

*The figures in the margin indicate full marks.
Candidates are required to give their answers
in their own words as far as practicable.*

Group - A

Answer any *four* questions : 2×4=8

1. Define erect posture.
2. Write two changes which have occurred in the brain in the course of evolution.
3. Mention six characteristics used for racial classification.
4. Mention the seven factors responsible for race formation.
5. Define acclimatization.
6. Who is the "chromosomal eve"?

P.T.O.

(2)

Group - B

Answer any *four* questions : $4 \times 4 = 16$

7. Write a short note on encephalization.
8. Briefly discuss the criticism of the evolutionary theory of Lamarck.
9. Outline any global classification of human races.
10. Outline in detail the racial classification proposed by S.S. Sarkar.
11. Why is the Y chromosome important in evolutionary studies?
12. Briefly write about the applications of molecular anthropology in study human evolution.

Group - C

Answer any *two* questions : $8 \times 2 = 16$

13. Discuss the synthetic theory of evolution.
14. Outline in detail any Statement on the Human Race.
15. Discuss human adaptation with respect to the cold environment and high altitude.
16. Write down the differences between adaptation and acclimatization.

Internal Assessment - 10 marks
