

M.Sc. 2nd Semester Examination, 2023

ANTHROPOLOGY

PAPER – ANT-202

Full Marks : 40

Time : 2 hours

The figures in the right hand margin indicate marks

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

GROUP – A

Answer any **four** questions from the following : 2×4

1. Mention four characters used in racial classification.
2. Define co-twin method.
3. Define co-dominance.

4. What is quantitative trait ?
5. What is albinism ?
6. Define lethal gene.

GROUP – B

Answer any **four** questions of the following : 4×4

7. What is the AAPA statement on Race ?
8. Write the concept of Pleiotropy with suitable example.
9. Write a short note on solenoid structure.
10. Write a short note on gene-environment interaction.
11. Write a short note on hemoglobin variants.
12. Write a short note on genetic code.

GROUP – C

Answer any two questions from the following : 8×2

- 13. Briefly discuss the twin study method mentioning its merits and limitations.**
 - 14. Discuss the role of natural selection in race formation.**
 - 15. With a suitable pedigree, write the inheritance pattern of an autosomal dominant trait.**
 - 16. Discuss protein synthesis.**
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