

M. Sc. 4th Semester Examination, 2024

ANTHROPOLOGY

PAPER — ANT-401 (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

PAPER — ANT-401(A)

GROUP — A

Answer any four questions from the following :

1. What is allele frequency ?

2 × 4

2. What is mendelian population ?
3. Write the full form of VNTR and RFLP.
4. Define gene pool.
5. What is hybridization ?
6. What is polymorphism ?

GROUP – B

Answer any **four** questions from the following :

- 4 × 4
7. In a population that is in Hardy-Weinberg equilibrium, 15% of the individuals are recessive homozygotes for a certain trait. In a total population of 1,50,000, calculate the number of homozygous dominant individuals and heterozygous individuals.
 8. Write the importance of studying population genetics in Anthropology.

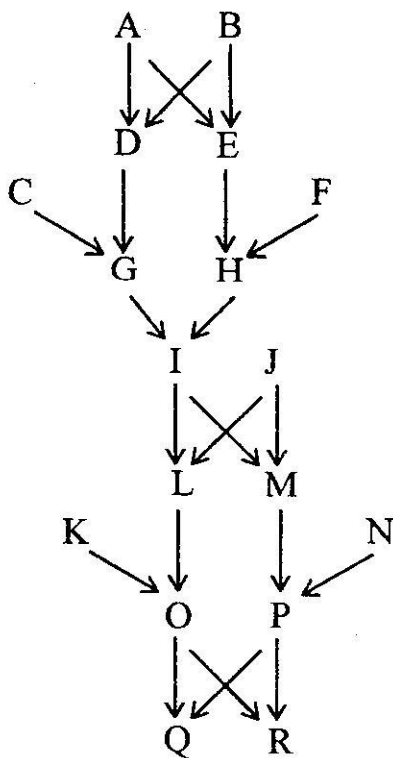
9. Briefly discuss preferential mating.
10. What are the principles of genetic equilibrium ?
11. Write the consequences of inbreeding.
12. Write a short note on partial selection.

GROUP – C

Answer any **two** questions from the following : 8 × 2

13. Discuss selection favouring heterozygotes with special reference to malaria and sickle cell anaemia.
14. Briefly discuss the causes for changes in gene frequency.
15. Write the roles of social division and hierarchy in genetic isolation.

16. Find Inbreeding Coefficient of Q ?



[Internal Assessment – 10 Marks]

PAPER – ANT-401(B)

(Theories in Economic and Political Anthropology)

GROUP – A

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

1. Define capitalism.
2. What is meant by socialism ?
3. What are the forms of social sanctions ?
4. What is the basic idea of political ecology ?
5. Define political symbolism.
6. Mention two characteristics of indigenous movements in India.

GROUP – B

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

7. Differentiate between substantivist and formalist approaches followed in Economic Anthropology.
8. Discuss the basic tenets of neo-Marxism.
9. Write a short note on critical theory.
10. Briefly discuss the features of political economy.
11. Write a brief note on Existentialism.
12. Differentiate between traditional and statutory panchayats.

GROUP – C

Answer any two questions from the following :

8 × 2

13. Discuss the relationship between Economics and Anthropology.
14. Critically discuss the concept cultural materialism.

15. Write a note on the evolutionary approach followed in Political Anthropology.
16. Give an outline of the nature, causes and consequences of peasant movements in India.

[Internal Assessment – 10 Marks]
