

M.Sc. 4th Semester Examination, 2025

ANTHROPOLOGY

(Demography and Basic Statistics)

PAPER — ANT-405

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

GROUP — A

Answer any four questions form the following :

2 × 4

- 1. Define mode with example.**
- 2. What is type I error ?**

(Turn Over)

3. Define snowball sampling.
4. Define Demographic Anthropology.
5. What is labour force participation rate ?
6. What is age specific fertility rate ?

GROUP – B

Answer any four questions form the following :

4 × 4

7. Differentiate between Chi-square and T-test.
8. Write a short note on discrete variable.
9. Briefly discuss on Gaussian curve.
10. Write the differences between demography and population study.
11. Write a short note on population pyramid.
12. What is stable and stationary population ?

GROUP – C

Answer any two questions form the following :

8 × 2

13. The prevalence of hypertension among Santal and Kora women has been recorded as 26% and 32%, respectively. Considering sample size of 500 and 720, respectively, find the significance of difference of hypertension between the given populations.
14. Discuss logistic and linear regression analysis with suitable examples.
15. Discuss Malthusian theory with its criticism.
16. Write an essay on demographic transition theory.

[Internal Assessment – 10 Marks]

