

2025

M.Sc. 1st Semester Examination

GEOGRAPHY

Paper : GEOO406VC

[Indian Knowledge System (IKS)]

Full Marks : 25

Time : One Hour

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 *two* questions :

2×2=4

1. What is *ahimsā*?
2. What is a biodiversity hotspot?
3. Give one example of traditional water-harvesting practice.
4. How can sacred groves be mapped using GIS?

Group - B

Answer any *two* questions :

4×2=8

5. Examine the relevance of Vedic concepts of cosmic orders in addressing contemporary environmental crisis.

P.T.O.

(2)

6. Write a note on tribal ecological knowledge systems.
7. "Indian knowledge system offers valuable insights for modern sustainability." — Justify this statement.
8. Discuss the ecological significance of sacred groves.

Group - C

Answer any *one* question : $8 \times 1 = 8$

9. Critically discuss how the Vedic philosophy explains ecological balance and sustainable human-nature relationships.
10. Discuss the integration of *TEK* with modern GIS and remote sensing for biodiversity conservation and landscape management.

Internal Assessment - 5 marks
