

Total number of printed pages-3

1 (Sem-4) GGY 3

2025

GEOGRAPHY

Paper : GGY0400304

(Cartographic Techniques)

Full Marks : 45

Time : Two hours

The figures in the margin indicate full marks for the questions.

1. Answer in short : (Answer ***all*** the questions)
1×5=5

- (a) Define cartography.
- (b) State the size of the earth.
- (c) What is diameter of the earth ?
- (d) What do you mean by Great circle ?
- (e) Define map.

2. Give short answer : (Answer **all** the questions) $2 \times 5 = 10$

- (a) Name the scholar who introduced the term 'Geography'.
- (b) What do you mean by co-ordinate system?
- (c) Define cylindrical projection.
- (d) What do you mean by thematic map?
- (e) What do you mean by map projection?

3. Write short notes on : (**any four**) $5 \times 4 = 20$

- (a) Traditional phase of development of cartography
- (b) Modern cartography and its character
- (c) Representation of point features on map
- (d) Scale and their types
- (e) Map projection

4. Write the following answer in detail : (**any one**) $10 \times 1 = 10$

- (a) Discuss the importance of cartography in Geography with suitable illustrations and examples.

- (b) Discuss the nature of co-ordinate system and the characteristics of parallels and meridians.
- (c) With suitable illustrations discuss the point, line and area symbols in map.
- (d) Classify map projections and discuss the principles of simple cylindrical projection.
- (e) Define the thematic map and give an outline of its types with suitable examples.
- (f) Define choropleth and isopleth maps with suitable examples. Also state the difference between these two types of map.