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1 (Sem–4) GGY 3

2025

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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) 2×5=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)*** 5×4=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)*** 10×1=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.

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