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GEOGRAPHY

(Honours)

Paper : GGY–HC–1026

(Cartographic Techniques)

Full Marks : 60

Time : 3 hours

The figures in the margin indicate full marks for the questions

1. Answer the following questions very objectively : 1×7=7

   (a) Map is what type of model?

   (b) Give an example of general purpose map.

   (c) What is the length of the polar diameter of the earth?

   (d) What is the longitude of the prime meridian?

   (e) Give an example of semi-quantitative thematic map.

(f) Mention the basic property of the standard parallel.

(g) Mention one important advantage of digital cartography.

2. Answer the following questions in very short :

2×4=8

(a) Mention two attributes of a map.

(b) What is geoid?

(c) What is meant by perspective projection?

(d) What is qualitative thematic map?

3. Answer any *three* of the following questions in short :

5×3=15

(a) What is cartography? Briefly discuss its importance in geography. 1+4=5

(b) Explain the difference between latitude and longitude with the help of a diagram.

(c) Classify maps with respect to scale and content.

(d) Discuss with illustrations, how point data are represented in map.

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4. Discuss the trend of development of cartography. 10

Or

Describe the various dimensions about the shape and size of the earth. 10

5. Discuss how area data relating to various geographical phenomena are represented in a map. 10

Or

What is map projection? Explain the basic principles of zenithal polar perspective projections with diagrams. 1+9=10

6. With justification, select suitable map projections for mid-latitude region. 10

Or

What is thematic mapping? Discuss the basic issues associated with thematic mapping. 2+8=10

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