

2 0 1 9

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.

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

★ ★ ★