MAY 2024 **P/ID 4431/PGE1A**

Time : Three hours Maximum : 80 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions in 50 words each.

1. What is the Information Age in Cartography?

2. Provide a short note on Topographic Maps.

3. Briefly explain Spatial Data.

4. Give a short note of the Mercator projection.

5. Briefly on Cadastral Map Scale.

6. What is meant by UAV survey?

7. What are maps a good example of abstraction?

8. Provide a brief note on the characteristics of spatial attributes.

9. What does accuracy mean in mapping?

10. Map Reproduction– Define.

11. Write a note on quantitative symbols.

12. Give a short note on the importance of a map legend.

PART B — ($5 \times 6 = 30$ marks)

Answer any FIVE questions in 250 words each.

13. Explain the basic characteristics of maps.

14. Write a brief note on quantitative measures in cartography.

15. Discuss spatial sampling in map representation.

16. Explain the use of geometric symbols in mapping.

17. Discuss quantitative area symbolization in cartography.

18. Explore trends in map reproduction techniques.

19. Describe the HLS color model used in mapping.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions in 500 words each.

20. Discuss the process of cartographic revolution and evolution.

21. Explain the significance of feature attributes in accurately conveying spatial data.

22. Write an essay on commonly used map projection systems.

23. Discuss the elements of typographic design in cartography.

24. Explore the challenges in creating clear and accurate visual representations of data.

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