DECEMBER 2023 **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. Define Cartography.

2. What is meant by a spatial information system?

3. What is meant by the Information Age in Cartography?

4. provide a short note on Geodesy.

5. Give a brief note on Map Scale.

6. Give a brief note on the Geographical Coordination System.

7. Provide a short note on Survey.

8. Provide a brief note on Map Compilation.

9. Define systematic sampling.

10. Define qualitative symbols.

11. Provide a short note on typography.

12. Give a brief note on Map production.

PART B — (5 × 6 = 30 marks)

Answer any FIVE question, in 250 words each.

13. Discuss the scope of Cartography.

14. Explore information Age mapping.

15. Analyze and visualize distortion in mapping

16. Explain passive Data Collection.

17. Discuss Mimetic Symbols.

18. Detailed note on principle of lithography?

19. Describe the HVC color model.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions, in 500 words each.

20. Explain the concept of a spatial Information System.

21. Differentiate between General and Thematic maps.

22. Explain common types of coordinate system.

23. Compare and contrast the representation of point, line, area and volume features in graphical and spatial contexts.

24. Explain the factors that must be considered when developing interactive and dynamic web maps.

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