DECEMBER 2022 **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 do you mean by general purpose maps?
2. Write a short note on geodesy.
3. Differentiate between sampling and census.
4. What is meant by layer tints?
5. Bring out the importance of neat line in a map.
6. Difference between unipolar and bipolar data.
7. What is a chorochromatic map?
8. What is meant by cartographic abstraction?
9. Write a note on plane Table surveying?
10. List the elements of generalization.
11. What are conventional signs and symbols?
12. What is the scope of cartography?

PART B — (5 × 6 = 30 marks)

Answer any FIVE questions in 250 words each.

13. Explain the salient features of UPS projection.

14. Examine the advantages and disadvantages of traditional survey methods.

15. Bring out the shading techniques adopted in map making?

16. Explain the importance and uses of map.

17. What is a dot map? Describe the merits and demerits of dot map.

18. Write the role of SOI in providing spatial data to GIS community.

19. Explain the utility of patterns in mapping.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions in 500 words each.

20. Discuss the salient features of cartography in modern era.

21. Write a detailed account on various colour theory and pattern creation in cartography.

22. What is map design? Explain the elements of a map with neat illustration.

23. Critically analyse the role of automated surveying and remote sensing in digital cartography.

24. Discuss various methods involved in map reproductions.

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