

OCTOBER 2011

P/ID 4413/PGEC

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Time : Three hours

Maximum : 100 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions, not exceeding 50 words each.

All questions carry equal marks.

Define/Explain the following :

1. Thematic Map.
2. Spatial Data.
3. Landuse Survey.
4. PRA.
5. Contingency table.
6. Map symbolization.
7. Colour Identification System.
8. Map Design.
9. Screen printing.
10. NRSC.

SECTION B — (5 × 6 = 30 marks)

Answer ALL questions, not exceeding 250 words each.

All questions carry equal marks.

11. (a) Explain cartography as a communication system.

Or

- (b) What are the sources of data?

12. (a) Write a note on Topographic Surveying.

Or

- (b) Give a note on questionnaire survey.

13. (a) Explain the utility of surface analysis.

Or

- (b) What are conventional signs and symbols?

14. (a) Explain the role of colour in mapping.

Or

- (b) Write about the planning aspects of map design.

15. (a) Explain the recent developments in the reproduction of maps.

Or

- (b) Write a note on NATMO.

SECTION C — (5 × 10 = 50 marks)

Answer ALL questions, not exceeding 500 words each.

All questions carry equal marks.

16. (a) Trace development of modern cartography.

Or

(b) Explain the elements of map generalization.

17. (a) Explain the utility of remote sensing in modern cartography.

Or

(b) Write an account on sampling.

18. (a) Explain the role of field data in mapping.

Or

(b) Discuss the methods of mapping qualitative data.

19. (a) Bring out the use of patterns in quantitative mapping.

Or

(b) Bring out the various constraints in map design.

20. (a) Give an account on map printing processes.

Or

(b) Examine the role of Survey of India in the development of cartography.

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