

MAY 2012

P/ID 4413/PGEC

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.

1. Define Cartography.
2. What is map?
3. What do you mean by scale?
4. What is the basis of selection of details for map representation?
5. What is land use survey?
6. Define GPS.
7. Write a note on PRA.
8. Define map design.
9. Expand : NATMO, NRSC.
10. List any four products of NRSC.

SECTION B — (5 × 6 = 30 marks)

Answer ALL questions not exceeding 250 words each.

All questions carry equal marks.

11. (a) State the scope of Cartography
Or
(b) Write a note on nature of spatial data?
12. (a) State the advantages of Total Station Survey.
Or
(b) Briefly explain different sampling methods.
13. (a) Differentiate distribution maps and surface maps.
Or
(b) Define and classify symbol.
14. (a) How the area data are represented in maps?
Or
(b) When will you use colours and patterns in maps?
15. (a) What is positive art work?
Or
(b) 'Map design is an Art' — Explain.

SECTION C — (5 × 10 = 50 marks)

Answer ALL questions not exceeding 500 words each.

All questions carry equal marks.

16. (a) 'Cartography is Art and Science' — Explain.

Or

- (b) Trace the history of modern Cartography.

17. (a) Write in detail about the sources of Spatial Data.

Or

- (b) Write the procedure of conducting GPS survey.

18. (a) How will you organize socio-economic surveys?

Or

- (b) Describe the methods of analyzing earth's surface.

19. (a) Explain various methods of map reproduction.

Or

- (b) Write an essay on Quantitative methods of mapping.

20. (a) “Printing method decides map design and layout” — Justify.

Or

- (b) Describe the data bases of SOI.
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