

DECEMBER 2014

P/ID 4413/PGEC

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Time : Three hours

Maximum : 100 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

Answer not to exceed 50 words each.

Define the following :

1. Theoretical cartography.
2. Primary data.
3. Remote sensing.
4. Questionnaire.
5. Surface Analysis.
6. Nominal scale.
7. Visual perception.
8. Map layout.
9. Scribing.
10. NATMO.

SECTION B — (5 × 6 = 30 marks)

Answer ALL questions.

Answer not to exceed 250 words.

11. (a) Explain the scientific base of cartography.

Or

- (b) What is need for cartographic generalization?

12. (a) Write a note on land use surveying.

Or

- (b) Bring out the significance of PRA.

13. (a) Explain the utility of the contingency table.

Or

- (b) Examine the uses of distribution maps.

14. (a) Explain the utility of patterns in mapping.

Or

- (b) Write a note on the controls of map design.

15. (a) Explain the photocopying method in map reproduction.

Or

- (b) Write a note on NRSC.

SECTION C — (5 × 10 = 50 marks)

Answer ALL questions.

Answer not to exceed 500 words.

16. (a) Describe the major divisions of cartography.  
Or  
(b) Explain the merits and demerits of different sources of data.
17. (a) Examine the utility of GPS in cartography.  
Or  
(b) Write an account on survey tools.
18. (a) Explain the need for surface analysis.  
Or  
(b) Describe about arithmetic mapping.
19. (a) Bring out the use of colours in quantitative mapping.  
Or  
(b) Explain the various graphic elements of map design.
20. (a) Give an account on the development of printing techniques in the recent years.  
Or  
(b) Examine the role of NATMO in thematic mapping.
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