

MAY 2011

P/ID 4406/PJG

Time : Three hours

Maximum : 100 marks

SECTION A – (8 × 5 = 40 marks)

Answer any EIGHT questions not exceeding 200 words each.

All questions carry equal marks.

1. What do you mean by spatial data?
2. List any two computer operating systems.
3. Specify any three GIS software packages.
4. Name any two Digital image processing softwares.
5. What do you mean by TIN?
6. What are Boolean operators?
7. Write the components of GIS?
8. Define cartography.
9. Specify any five methods of representing terrain data.
10. What are data structures used in storing spatial data?

SECTION B — (3 × 20 = 60 marks)

Answer any THREE questions not exceeding 1200 words each.

All questions carry equal marks.

11. Discuss the role of maps in geography.
 12. Explain the process of data acquisition, organization and processing.
 13. What are the uses of TIN?
 14. Write in detail the basic modules of GIS software.
 15. Discuss the fields of applications of satellite imageries.
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