

(No additional sheet will be supplied)

PART – A (5 x 3 = 15 marks)

Answer any FIVE Questions.

Each question carries 3 marks

Each answer should not exceed 1 page.

1. Difference between data mining and knowledge discovery
2. Difference between OLTP and OLAP
3. What is a decision tree
4. Write short note on neural networks
5. What are outliers
6. What are incremental rules
7. Give an overview of spatial data
8. Describe the primitives of spatial data mining

PART – B (4 x15= 60 marks)

Answer all Questions.

Each question carries 15 marks

Each answer should not exceed 6 pages

9. Explain about dimensional modeling with suitable examples
(OR)
10. Explain in detail the architecture of data warehousing with an Illustration.
11. Explain about the neural network based algorithms
(OR)
12. Explain about the statistical based algorithms
13. Explain about the advanced association rule techniques
(OR)
14. Compare and explain hierarchical, partitional, parallel and distributed algorithms?
15. Write on the following with examples
 - (A) Web content mining
 - (B) Web structure mining
 - (C) Web usage mining

(OR)

16. Differentiate and explain about the spatial classification and spatial clustering algorithms.