THREE YEAR B.C.A.S. (CBCS) DEGREE EXAMINATION, NOVEMBER 2017

FIFTH SEMESTER

Part II

DATA MINING

Time : 3 Hours   *Max. Marks : 75*

SECTION – A

Answer any FIVE of the following questions.

(Marks : 5 × 5 marks = 25 marks)

1. Write short notes on fundamentals of data mining.

2. Write short notes on data cleaning.

3. Define dataware house and write its advantages.

4. Explain about OLAP.

5. Explain data mining patterns.

6. Write short notes on Item set mining methods.

7. Write short notes on model evaluation.

8. Explain decision tree induction.

9. Write short notes on partitioning methods.

10. Define cluster.

SECTION – B

Answer any FIVE of the following questions.

(Marks : 5 × 10 marks = 50 marks)

11. Discuss in detail about datamining functionalities.

12. Write short notes on

    (a) Data Reduction

    (b) Data transformation.

13. Discuss about basic concepts of datawarehousing.

14. Explain in detail about datawarehouse design.

15. Discuss about mining frequent patterns and associations.

[P.T.O.]

16. Explain in detail about item set mining methods using Apriori algorithm.

17. Explain in detail about concepts of classification.

18. Discuss about rule based classification.

19. Explain about partitioning methods.

20. Explain hierarchical methods of cluster analysis.

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