B.C.A. DEGREE EXAMINATION,APRIL 2019
III Year VI Semester
Data Mining

Time : 3 Hours **Max.marks :75**

Section A $(10 \times 2 = 20)$ Marks

Answer any **TEN** questions

1. Define data mining.
2. What is a neural network?
3. Define data cleaning.
4. What is meant by missing value?
5. Define Association Rule Mining.
6. What is frequent pattern growth?
7. What is Tree Pruning?
8. What is Prediction?
9. Expand BIRCH.
10. Define outlier mining.
11. What is meant by Classification?
12. What is OLAP?

Section B $(5 \times 5 = 25)$ Marks

Answer any **FIVE** questions

13. Explain Genetic algorithms in brief.
14. Explain the need of data preprocessing. and List out the preprocessing techniques.
15. Write a note on multilevel association rule mining.
16. Explain about decision tress with example.
17. Describe cluster algorithm.
18. Explain about data integration in brief.
19. Discuss about Data mining issues.

Section C $(3 \times 10 = 30)$ Marks

Answer any **THREE** questions

20. Describe the various task of data mining with Illustration.
21. Explain about data reduction in detail.
22. What is frequent Itemset generation? Explain frequent Itemset generation using Apriori algorithm.
23. Explain Bayesian classification with an example.
24. Elaborate the different types of Partitioning Methods in detail.

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