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U.G. DEGREE EXAMINATION, NOVEMBER 2019

Computer Application

Allied — DATA MINING AND WAREHOUSING

(CBCS – 2017 onwards)

Time : Three Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define outlier analysis.
2. What is data warehouse?
3. Define normalization.
4. What is Binning?
5. Define frequent item set.
6. What is supervised learning?
7. What is density based clustering?
8. Define BIRCH.
9. Give any two applications of time-series database.
10. What is web content mining?

Part B**(5 × 5 = 25)**Answer **all** questions, choosing either (a) or (b).

11. (a) Describe the data mining functionalities.
Or
(b) Describe a multidimensional data model.
12. (a) Discuss about data pre processing.
Or
(b) Discuss about data mining task.
13. (a) Write the procedure for creating a conditional pattern base.
Or
(b) Explain the classification by back propagation.
14. (a) Explain K-means algorithm.
Or
(b) Explain model-based clustering methods.
15. (a) Discuss the application of data mining in business.
Or
(b) Discuss about mining Time-series data.

Part C**(3 × 10 = 30)**Answer any **three** questions.

16. Discuss about data warehouse architecture.
 17. Explain in detail on data reduction.
 18. Explain the classification based on concepts from association rule mining.
 19. Explain the hierarchical chytex methods.
 20. Discuss about the trends in data mining.
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