

C 5504

B.C.A. (Three Year) DEGREE EXAMINATION, OCTOBER/NOVEMBER 2017.

End Semester Examination

Fifth Semester

(Regular/Supplementary)

Elective I : DATA MINING AND WAREHOUSING

Time : 3 Hours

Max. Marks : 70

PART — A

Answer any FIVE of the following questions. **(5 × 4 = 20 Marks)**

1. Explain about data mining functionalities.
2. Explain the characteristics of data warehouse.
3. Explain about relational data.
4. Explain about prediction.
5. Explain the applications of clustering.
6. What is density-based method in clustering?
7. What are the components of data warehousing?
8. What is 'Time Series' data?

PART — B

Answer ALL the following questions. **(5 × 10 = 50 Marks)**

9. (a) Explain about data cleaning and integration in data preprocessing.
Or
(b) Explain about data reduction and data transformation in data preprocessing.
10. (a) Explain about logical data modelling and OLAP.
Or
(b) Explain about data warehouse planning.
11. (a) Explain transactional data and multidimensional data.
Or
(b) Explain about distributed data and spatial data.

Turn Over

12. (a) Explain about decision tree induction.

Or

(b) What is classification? Explain the issues regarding classification.

13. (a) Explain the classification of clustering algorithms.

Or

(b) Explain partitioning and hierarchical methods.
