ED-793

M.Sc. 4th Semester
Examination, May-June 2021

COMPUTER SCIENCE

Elective - I

Paper - III

Data Mining and Data Warehousing

Time : Three Hours]   [*Maximum Marks* : 100

Note : Answer any **two** parts from each question. All questions carry equal marks.

1. (*a*) Explain the multidimensional data model.

   (*b*) What is data cube technology ? Explain in detail.

   (*c*) What is the concept of transaction ? Explain transactional database.

(2)

2. (*a*) Explain the concept of data cleaning and data integration.

   (*b*) Explain the concept of hierarchy generation in detail.

   (*c*) What is Data Mining Query Language ? Explain in detail.

3. (*a*) What is constraint-based association mining ? Explain.

   (*b*) Discuss the multilevel association rules in data mining.

   (*c*) Explain phases from association mining to correlation analysis.

4. (*a*) What is prediction ? Explain the process of prediction.

   (*b*) Explain the back propagation algorithms in classification.

   (*c*) Explain the density based and grid based clustering method.

5. (*a*) Explain the descriptive mining of complex data objects.

(3)

(*b*) Explain the data mining application in detail.

(*c*) Explain the text mining and spatial mining.

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