Bachelor Level/Fourth Year/Eighth Semester/Science   Full Marks: 60

Computer Science and Information Technology   Pass Marks: 24

(CSc. 451 Data Warehousing and Data Mining)   Time: 3 hours.

Candidates are required to give their answer in their words as far as practicable.
The figures in the margin indicate full marks.

Attempt Any two questions.

1. What are key steps in knowledge discovery in database? Explain.
2. Explain the functionality and classification of data mining system with example.
3. Explain about the architecture and implementation of data warehouse with examples

Attempt any eight questions.

4. What are the stages of knowledge discovery in database (KDD)?
5. List down the funcationality of meta data
6. Differentiate between OLAP and OLTP.
7. Explain the multidimensional data model.
8. List down the data mining tools.
9. Write down two measures of association tables.
10. What is the objective of k Mears algorithm.
11. Explain the application of spartial database.
12. Explain the methods of mining multimedia database.
13. Write short notes on:-
    A) MOLAP
    B) Data Cubes
    C) Snowflakes
    D) Regression