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.

Group_A

Attempt any two questions.   **(10x2=20)**

   1. Explain the architecture of data mining system with block diagram.

   2. Define clustering. Explain with example of the partitioning and hierarchical methods.

   3. Explain the architecture and implementation of data warehouse with example.

Group B

Attempt any eight questions. (Question No. 12 is compulsory)   **(8x5=40)**

   4. What do you mean by knowledge discovery in database (KDD)?

   5. Explain the application of data warehouse and data mining.

   6 Differentiate between OLAP and OLTP.

   7. Explain the data mining techniques.

   8. Explain the aprion algorithm.

   9. Explain the K-Mediod algorithm.

   10. Mention the spatial database and its features.

   11. What is data gibe? Explain with example.

   12. Explain the data mining language.