D 1681

THIRD SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2009

Computer Science

CS 305 D—Electives—DATA WAREHOUSING AND MINING

(2005 admission onwards)

Time : Three Hours   Maximum : 80 Marks

Part A

Answer any **five** *questions.*
Each question carries 8 marks.

1. Mention the functional requirements of data warehouse.
2. List the basic principles of data warehousing model.
3. What is meant by meta data ?
4. Explain the concept of relational database.
5. How data mining systems are classified ? Explain them.
6. Discuss on any *one* application in data mining.
7. What are the social impacts of data mining ?

(5 x 8 = 40 marks)

Part B

Answer any **four** *questions.*
Each question carries 10 marks.

8. How to model the data warehouse ?
9. Describe the three layer software architecture for data warehouse.
10. Explain the wage of Multi Dimensional Data Modelling in requirement analysis.
11. How data mining techniques can be used for sequential pattern detection ?
12. How statistical measures can be carried out in large database ?
13. Discuss the trends in Data Mining.

(4 x 10 = 40 marks)