D 9168

THIRD SEMESTER M.Sc. DEGREE EXAMINATION NOVEMBER 2010

Computer Science – Elective

CS 305 D – DATA WAREHOUSING AND MINING

(2005 Admission onwards)

[Regular/Improvement]

Time : Three Hours

Maximum : 80 Marks

Part A

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

1. Explain the concept of Data Mart.

2. What are the different styles involved in Temporal Data Modelling?

. Mention the basic concepts of multi-dimensional data modelling.

4. Discuss the standards involved in Meta data.

5. List the functionalities of Data Mining.

6. How to discriminate between different classes in data mining?

7. Briefly discuss on the application of data mining in products and research prototypes.

(5 x 8 = 40 marks)

Part B

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

Give the architectural perspective of modelling data warehouse.

9. Mention the basic principles of data warehousing.

10. How multi-dimensional data modelling is implied in geographical Information System?

11. Discuss the following techniques in data mining : (a) Classification ; (b) Association.

12. How to apply the statistical measures in large database?

13. Discuss the social impacts of data mining.

(4 x 10 = 40 marks)