

7E4092

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7E4092**B. Tech. VII Semester (Back) Examination, Nov-Dec-2011****Computer Engineering****7CS2 Data Mining & Ware Housing****Time : 3 Hours****Maximum Marks : 80****Min. Passing Marks : 24****Instructions to Candidates:**

Attempt any five questions selecting one question from each unit. All questions carry equal marks. Schematic diagrams must be shown wherever necessary. Any data you feel missing suitably be assumed and stated clearly. Units of quantities used/calculated must be stated clearly.

Unit - I

1. What do you mean by data mining and knowledge in database? Describe the various steps followed in knowledge discovery in database in details. (16)

OR

1. Describe the various data mining Functionalities in detail. Explain various data mining issues. (16)

Unit - II

2. Explain mining multilevel association rules from transaction database. Also mention various approaches to mining multi level association rules. (16)

OR

2. Explain statistical measures in large database. Describe Apriori Algorithm in detail with help of a suitable example. (16)

Unit - III

3. Explain different types of classification such as Bayesian and classification by Back propagation. (16)

OR

3. What do you mean by clustering? Explain different clustering methods in details. (16)

Unit - IV

4. Explain the evolution and need of Data warehouse in detail. (16)

OR

4. Explain Architecture and design techniques used in Data Warehouse. (16)

Unit - V

5. Explain Query facility in detail. Describe various types of OLAP servers in details along with its benefits. (16)

OR

5. How you perform backup and recovery in data warehouse? How do you test a data warehouse? Explain in detail. (16)
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