

Hall Ticket Number :

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R-15

Code: 5P2B4D

M.C.A. IV Semester Supplementary Examinations October 2020

Distributed Databases

Max. Marks: 60

Time: 3 Hours

Answer *all five* units by choosing one question from each unit (5 x 12 = 60Marks)

UNIT-I

1. Describe the features of Distributed Databases and Centralized Databases. Also Compare the two. 12M

OR

2. Explain the Distributed Database Access Primitives. 12M

UNIT-II

3. Explain about a Framework for Distributed Database Design. 12M

OR

4. Describe the Integrity Constraints in Distributed Databases. 12M

UNIT-III

5. Briefly explain about Join Queries and General Queries. 12M

OR

6. Write about the Properties of Transactions and Distributed Transaction Management. 12M

UNIT-IV

7. Elaborate on Distributed Deadlocks. 12M

OR

8. Explain about Checkpoints and Cold Restart in brief. 12M

UNIT-V

9. Describe about Catalog Management in Distributed Databases. 12M

OR

10. Explain Authorization and Protection mechanisms in Distributed Databases. 12M

Hall Ticket Number :										
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R-17

Code: 5P2B44

M.C.A. IV Semester Supplementary Examinations October 2020

Data Ware Housing and Mining

Max. Marks: 60

Time: 3 Hours

Answer *all five* units by choosing one question from each unit (5 x 12 = 60 Marks)

UNIT-I

1. a) Describe the major steps in the Knowledge discovery process
b) What is data mining? Describe the architecture of a data mining system.

OR

2. Categorize data mining systems according to various criteria

UNIT-II

3. Discuss the importance of data pre-processing and descriptive data summarization

OR

4. Discuss the various methods for generation of concept hierarchies for numerical data.

UNIT-III

5. Discuss in detail Apriori algorithm for generation of frequent item sets

OR

6. Discuss in detail mining multi-level association rules

UNIT-IV

7. Discuss different issues related to classification and prediction.

OR

8. Discuss the typical requirements of clustering methods

UNIT-V

9. Write about different applications and trends in data mining

OR

10. Discuss in detail time series data mining
