

No. of Printed Pages : 03

Roll No.

EE-689

M.C.A. EXAMINATION, May 2018

(Fifth Semester)

(B. Scheme) (Re-appear Only)

(MCA)

MCA663

DATA WAREHOUSING AND MINING

Time : 3 Hours]

[Maximum Marks : 75

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

Note : Attempt *Five* questions in all, selecting at least *one* question from each Unit. All questions carry equal marks.

(2-08/7) M-EE-689

P.T.O.

Unit I

1. Explain different functionalities of Data Mining. Also explain different forms of Data.

15

2. Explain the following : **15**

- (a) Data Compression
- (b) Numerosity Reduction

Unit II

3. What is Data Generalization ? Explain Graph display of Basic Statistical class description. **15**

4. What is Apriori Algorithm ? Also explain Mining Multi-dimensional Association Rules from Relational Databases. **15**

Unit III

5. Explain the following : **15**

- (a) K-nearest neighbor classifier
- (b) Genetic algorithm.

6. Explain the following : **15**

- (a) Density Based Methods
- (b) CLIQUE.

Unit IV

7. What is ROLAP ? Compare it with HOLAP. **15**

8. Explain the following : **15**

- (a) Data Mining Interface
- (b) Backup and Recovery.