

M. Tech. 1st Semester (CSE) CBCS Scheme
Examination, December-2018
DATA WAREHOUSING AND MINING
Paper-MTCSE 21C4

Time allowed : 3 hours] [Maximum marks : 100

Note : Attempt five questions in all, selecting one from each unit. Q. No. 1 is compulsory.

1. Write short note on following :
 - (i) ETL
 - (ii) Dynamic Item Set Counting
 - (iii) Decision Tree
 - (iv) Cluster software. 20

Unit-I

2. Give a complete description about Data Warehousing. 20
3. Describe the following
 - (i) OLAP
 - (ii) Data Cube Operations.

Unit-II

4. Explain the following :
 - (i) Naive algorithm
 - (ii) Dynamic Item Set counting. 20

5. Describe the following :
- (i) Performance Evaluation of algorithms
 - (ii) Association Rules Mining. 20

Unit-III

6. Explain the following :
- (i) Split algorithm based on Gini Index
 - (ii) Decision Tree 20
7. Describe the following :
- (i) Estimating Predictive Accuracy of Classification Method.
 - (ii) KDO Insurance Risk Assessment. 20

Unit-IV

8. Define Cluster Analysis and explain the following methods :
- (i) Partitional methods
 - (ii) Density based methods 20
9. Give a complete description about Web Data Mining. 20