

Roll No.

Total No. of Pages : 01

Total No. of Questions : 08

M.Tech.(IT) E2 (2015 & Onwards)/(CSE Engg.) EI-I (2015 to 2017)
(Sem.-2)

DATA WAREHOUSING AND DATA MINING

Subject Code : MTCS-207

M.Code : 72891

Time : 3 Hrs.

Max. Marks : 100

INSTRUCTIONS TO CANDIDATES :

1. Attempt any FIVE questions out of EIGHT questions.
2. Each question carries TWENTY marks.

1. a. Explain the multidimensional data models that are suitable for data warehousing.
b. Discuss how Online Analytical Processing (OLAP) is used to organize large business databases.
2. Write the steps of exploring Data Analyzing using R Tool.
3. Discuss the applications of Data Mining. How Apriori algorithm is used in data mining for transactional database?
4. a. Explain how naive algorithm is used for string matching.
b. Write the issues regarding predictive accuracy of data mining methods.
5. Write a short note on following :
 - a. Data Cube computation
 - b. Split algorithm
 - c. Dynamic item set counting
6. a. Explain different types of data that can be used in cluster analysis.
b. What is clustering? Explain the partitioning method of clustering.
7. a. Explain with block diagram Architecture of Search Engine.
b. Write a short note on Enterprise Search Engine Software.
8. a. Discuss how data mining is used to extract the useful information from Web.
b. List some open source web mining software's. Explain **any one**.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.