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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.
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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.

