

B.E. Computer Science & Engineering Seven Semester
CSE703 – Data Warehousing and Mining

P. Pages : 1

Time : Three Hours



GUG/W/18/1749

Max. Marks : 80

- Notes :
1. All questions carry equal marks.
 2. Due credit will be given to neatness and adequate dimensions.
 3. Assume suitable data wherever necessary.

1. a) Explain OLAP server architecture :
ROLAP versus MOLAP versus HOLAP. 8
b) Explain in detail snowflake schema with suitable diagram. 8
- OR**
2. a) Explain 3 tier Architecture of Data Warehouse. 8
b) Explain Online analytical processing to multidimensional Data Mining. 8
3. a) List and explain the kinds of data that can be mined. 8
b) Write short notes on class / concept Description : Characterization and Discrimination. 8
- OR**
4. a) List and explain in short the techniques incorporated from various domains in data mining. 8
b) List and explain the applications of data mining. 8
5. a) Explain data transformation by Normalization and Discretization by binning in detail. 8
b) Write short notes on why preprocess the data. 8
- OR**
6. a) Write short notes on Attributes and its types. 8
b) Write short notes on missing values and noisy data of data cleaning. 8
7. a) Write short notes on Association rule mining along with its types. 8
b) List and explain issues regarding classification and prediction. 8
- OR**
8. a) Explain in detail Tree Pruning. 8
b) Write short notes on Enhancement to basic decision tree induction. 8
9. a) Explain k means algorithm with example. 8
b) What is cluster analysis and requirements of cluster analysis. 8
- OR**
10. a) Explain in detail AGNES and DIANA. 8
b) Write short notes on Outlier and types of Outliers. 8
