

Roll No

IT-8004 (1) (CBGS)

B.E. VIII Semester

Examination, May 2019

Choice Based Grading System (CBGS)

Data Mining and Ware Housing

Time : Three Hours

Maximum Marks : 70

Note: i) Attempt any five questions.

ii) All questions carry equal marks.

1. a) What is data cleaning? Describe the approaches to fill missing value.
b) With an example describe any two scheme (star/snowflake /fact constellation) definition using DMQL statement.
2. a) Discuss the comparison in OCAP, ROCAP and MOCAP.
b) What is data warehouse? Differentiate between operational database system and data warehouse.
3. a) What is data mining functionality? Explain different types of data mining functionality with example.
b) Explain how data mining system can be integrated with database/ data warehouse system.
4. Discuss in detail about web mining. Explain the algorithm used in mining the structure and context of the web with suitable applications.

5. a) Write the special feature of FP-Growth tree algorithm.
b) Describe time series mining association rules.
6. a) Explain different types data in cluster analysis.
b) Explain Bayesian classification with suitable example.
7. a) Discuss K-means clustering algorithm using examples.
b) Describe outlier analysis.
8. Write short notes on.
a) Spatial mining
b) Latest trend in association rules mining
