

Roll No

IT-840 (GS)**B.E. VIII Semester**

Examination, May 2018

Grading System (GS)**Data Mining and Warehousing**

(Elective - IV)

*Time : Three Hours**Maximum Marks : 70*

- Note:** i) Attempt any five questions.
ii) All questions carry equal marks.

1. a) What is data warehouse? Explain the data warehouse architecture with diagram.
b) Discuss Star, Snowflake and Galaxy schema for multidimensional database.
2. a) Explain OLAP operation in multidimensional data model.
b) Explain the different tools required to manage a data warehouse.
3. a) Describe the various techniques for data transformation.
b) Define data reduction. Explain different technique for data reduction.

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4. a) Briefly explain mining of spatial database and text database.
b) Explain what the major classifications of data mining system are.
5. Define association rule mining and explain how apriori algorithm works with suitable example? rgpvonline.com
6. a) Explain the major classification of Clustering methods.
b) Discuss Bayesian classification.
7. a) Discuss about prediction method using Cluster analysis with an example.
b) Explain outlier analysis with example.
8. Discuss about classification method using Decision tree induction with example.

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