

Code: CS6T3

III B.Tech-II Semester – Regular Examinations – April 2016

DATA WAREHOUSING & DATA MINING (COMPUTER SCIENCE & ENGINEERING)

Duration: 3 hours

Max. Marks: 70

Answer any FIVE questions. All questions carry equal marks

1.

a) Write about Data cleaning as a Process method. 7 M

b) Explain χ^2 (chi-Square) in Data integration with an example. 7 M

2.

a) What are the OLAP operations? Explain. 7 M

b) Describe Stars, Snowflakes, and Fact Constellations with examples. 7 M

3.

a) Define

i) Interval-Scaled Attributes 3 M

ii) Ratio-Scaled Attributes 3 M

b) Explain Proximity Measures for Nominal, Binary and Ordinal Attributes. 8 M

- 4.
- a) Define
 - i) Support 3 M
 - ii) Confidence 3 M
 - b) Discuss about FP-Growth with an example. 8 M
- 5.
- a) Explain Naïve Bayesian Classification. 7 M
 - b) Describe the techniques to improve classification accuracy. 7 M
6. Explain K-Means and K-Medoids of Partitioning Methods. 14 M
- 7.
- a) Explain DBSCAN and STING. 7 M
 - b) Explain the types of Outliers. 7 M
- 8.
- a) Explain Data Mining and Society. 7 M
 - b) Explain the Applications of Data Mining. 7 M