

Code: 9A05706

B.Tech IV Year I Semester (R09) Supplementary Examinations June 2016

DATA WAREHOUSING & DATA MINING

(Computer Science & Engineering)

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks

- 1 (a) How is data warehouse differs from data base? How are they similar?
(b) Explain the role of sampling in data processing.
- 2 (a) Give brief description about the different types of OLAP servers.
(b) Write about the general strategies for cube computation.
- 3 (a) Describe the method to mine the frequent itemsets by using data format technique.
(b) Explain the various steps involved in ARCS.
- 4 Discuss in detail about the issues regarding preprocessing the data for classification and prediction.
- 5 Given two objects represented by the tuples (22, 1, 42, 10) and (20, 0, 36, 8):
(a) Compute Minkowski distance between the two object using $q = 3$.
(b) Compute the Euclidean distance between the two objects.
(c) Compute the Manhattan distance between the two objects.
- 6 Write in detail about the similarity search in time series analysis.
- 7 Give brief description about the spatial data mining.
- 8 Write short notes on the following:
(a) Data mining privacy and data security.
(b) Data mining and collaborative filtering.
