Code: 9A05706

R09

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

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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.

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