2018
DATA MINING AND WAREHOUSING
CSIT-3.6
Full Marks : 40
Time : 2 hour

The figures in the margin indicates full marks for the questions :

1. Answer any four questions of the following :   **4×10=40**

a. What do you mean by Data Warehouse? Draw the data warehouse architecture and explain its components.

b. Describe the different schemas for multidimensional databases in data warehousing ? Explain how it is used in data warehousing?

c. What is OLAP and OLTP? Describe four basic OLAP operations.

d. What do you mean by cluster analysis? Describe the requirements of cluster analysis in data mining.

e. What is the difference between data mining and knowledge discovery data bases? Explain the stages involved in KDD process.

f. Write down the PAM algorithm. What is the advantage of CLARANS over PAM?

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