

No. of Printed Pages : 03

Roll No.

G13

B. Tech. EXAMINATION, 2020

(Seventh Semester)

(B Scheme) (Main & Re-appear)

(CSE)

CSE451B

DATA WAREHOUSING AND DATA MINING

Time : 2½ Hours]

[Maximum Marks : 75

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

Note : Attempt *Four* questions in all. All questions carry equal marks.

1. What are components of Data Warehouse ?
Explain functionality of each data warehouse.
2. (a) Site benefits of data warehousing.
(b) Explain 4-Tier architecture of Data warehouse.
3. What are various tools for administration and management of data warehouse ? Write functions of each and explain.
4. Describe data warehouse building process at multiple levels in detail.
5. (a) What is virtual data warehouse ? Explain its working in detail.
(b) What are Multi-stage data warehouse ?
How are these different from single stage warehouse ?
6. Describe the differences in LAN based and Host based data warehouse designs.

7. Describe use of neural networks in knowledge discovery with the help of a suitable example.
8. Write short notes on the following :
 - (a) Challenges in Data Mining
 - (b) Genetic Algorithm.