322812(22)

APR-MAY

B. E. (Eighth Semester) Examination, 2020

(Old Scheme)

(CSE, IT Branch)

DATA MINING & WAREHOUSING

Time Allowed : Three hours

Maximum Marks : 80

Minimum Pass Marks : 28

Note : *Solve any two parts from each questions. All the question carry equal marks.*

Unit-I

1. (a) What do you mean by datawarehousing? Explain the need of datawarehousing?

(b) Explain the three tier architecture of data warehouse with diagram?

(c) Explain three tier architecture of data warehouse?

Unit-II

2. (a) What do you mean by dimensional modeling? Explain star schema with suitable example?

(b) What is OLAP? Discuss the basic OLAP operation with example?

(c) What is multidimensinoal data model? Explain with suitable example?

Unit-III

3. (a) Write the procedure to implement and maintain data warehouse.

(b) Explain the function of different type of information delivery tools?

(c) Explain the complete physical design process of data warehouse?

Unit-IV

4. (a) What is data mining and data mining techniques?

(b) Explain KDD process?

(c) Explain classification algorithm?

Unit-V

5. Write short notes : (any **four**)

(i) Web Mining

(ii) Trends in data mining

(iii) Spatial Mining

(iv) Data Mining primitives

(v) Personalization