Roll No.

24465

B. Tech. 7th Semester (IT)

Examination – December, 2016

DATA WAREHOUSING AND DATA MINING

Paper: IT-401-F

Time: Three Hours]

[Maximum Marks:100

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

Note: Attempt five questions. Question No. 1 is compulsory, select one question from each Unit. All questions carry equal marks.

- 1. (a) What do you mean by metadata? Explain.
- (b) What is virtual data warehouse? Explain.
- (c) What is data cube?
- (d) What is clustering? Explain.

(e) What is web mining?

24465-2150-(P-3)(Q-9)(16)

P. T. O.

- What is multidimensional data model? Explain various schema for multidimensional data model.
- What is the difference between OLTP and OLAP? Describe different type of OPAP server.

UNIT - II

- (a) What do you mean by aggregation? Explain.
- (b) Describe multidimensional data. various OPLAP operations of for
- What is data mining? Explain various data mining techniques briefly.

UNIT - III

24465-2150-(P-3)(Q-9)(16) can be carried out in data mining query language? Explain the concept of Query Language employed in pattern presentation and visualization specification data mining and standardization of data mining. How

(2)

- What do you understand by the term association rule mining in large database? Explain.
- (b) What are classification rule? How neural network mining? can be used the classification techniques of data

UNIT-IV

8. Explain the concept of spatial mined? Explain. multimedia database. How spatial databases can be database

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9 Describe the mining process of text database timeseries database.