Sub Code: MAMIT06

Paper Id: 910084 Roll No: | | | | | | | | | | | | | |

MAM

(SEM IX) THEORY EXAMINATION 2019-20

DATA WAREHOUSING & MINING

Time: 3 Hours ***Total Marks: 100***

Note: Attempt all Sections. If require any missing data; then choose suitably.

SECTION A

1. Attempt *all* questions in brief. 2 x 10 = 20

a.	What is Spatial database ?
b.	What do you mean by Noisy data ?
c.	Define Schemas .
d.	What is significance of metadata in data warehouse?
e.	Define the term Artificial Intelligence .
f.	What is Data cube ?
g.	What do you mean by Data Mining ?
h.	What is Clustering ?
i.	Define the term slice and dice .
j.	What is Data Visualization ?

SECTION B

2. Attempt any *three* of the following: 10x3=30

a.	Explain the different types of data marts?
b.	Briefly explain architecture of data warehouse system .
c.	Explain the difference between OLAP and OLTP.
d.	What is Data Mining ? Why it is important ?
e.	Describe data visualization ? Explain various data visualization methods.

SECTION C

3. Attempt any *one* part of the following: 10x1=10

a.	What is Data-Warehousing ? What are applications of Data-Warehousing ?
b.	Briefly explain multi Dimensional Database with suitable example ?

4. Attempt any *one* part of the following: 10x1=10

a.	Explain decision tree with suitable example.
b.	What is data transformation? Describe various phases of data transformation.

5. Attempt any *one* part of the following: 10x1=10

a.	Describe measure of central tendency with suitable example .
b.	What are applications of Business Analysis ? Explain.

6. Attempt any *one* part of the following: 10x1=10

a.	Explain the different steps of Knowledge discovery process .
b.	What is neural network ? Describe the back propagation in neural network.

7. Attempt any *one* part of the following: 10x1=10

a.	What is Multimedia-Databases ? Describe various steps of multimedia data mining.
b.	What are functionalities of Data-Mining ? Explain.

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