

Reg. No:

--	--	--	--	--	--	--	--	--

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)

MCA II Year I Semester Regular Examinations Nov/Dec 2019
DATA WAREHOUSING AND DATA MINING

Time: 3 hours

Max. Marks: 60

(Answer all Five Units 5 x 12 = 60 Marks)

UNIT-I

- 1 a Explain Concept Hierarchy Generation with the help of an example. **6M**
b Explain Data integration and transformation. What are the methods of data normalization. **6M**

OR

- 2 a How to handle noisy data? Explain. **6M**
b What is a Data Warehouse? Explain its importance. **6M**

UNIT-II

- 3 a What is Data generalization? Discuss in details about attribute oriented induction. **6M**
b Explain the starlet query model for querying. **6M**

OR

- 4 What is a data cube? How data cubes are used to represent multidimensional data. **12M**

UNIT-III

- 5 a Explain Bayesian Belief networks. **6M**
b Explain in detail K-Nearest Neighbor Classifier. **6M**

OR

- 6 a Differentiate between classification and prediction. **6M**
b Discuss in detail about decision tree induction. **7M**

UNIT-IV

- 7 What are the categorizations of Major Clustering methods? Explain Hierarchical Clustering methods. **12M**

OR

- 8 Discuss in detail about mining sequence patterns in transactional database. **12M**

UNIT-V

- 9 What is multimedia database? Discuss the ways to find similarity search in Multimedia data. **12M**

OR

- 10 a Explain the process of text mining with a neat diagram. **7M**
b Explain the applications of Data Mining. **5M**

*** END ***