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

B.Tech III Year I Semester Regular & Supplementary Examinations Nov/Dec 2019
DATA WAREHOUSING AND DATA MINING
(Computer Science & Information Technology)

Time: 3 hours

Max. Marks: 60

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

UNIT-I

- 1 a Why do we preprocess the data? Discuss. 6M
b Write in brief about Data cleaning. 6M

OR

- 2 Discuss about Data Mining Task primitives with examples. 12M

UNIT-II

- 3 Draw and Explain OLAM Architecture. 12M

OR

- 4 a Briefly explain the German super market EDEKA's Data warehouse. 6M
b Write in brief about schemas in multidimensional data model. 6M

UNIT-III

- 5 a What are the advantages of FP-Growth algorithm? 6M
b Discuss the applications of association analysis. 6M

OR

- 6 Explain about the Mining Multilevel Association rules with example. 12M

UNIT-IV

- 7 Explain decision tree induction algorithm for classifying data tuples and discuss suitable example. 12M

OR

- 8 a What is Bayesian belief network? Explain in detail. 6M
b Write a note attribute selection measures. 6M

UNIT-V

- 9 a Write K-means clustering algorithm. 6M
b Write the key issue in hierarchical clustering algorithm. 6M

OR

- 10 What are outliers? Discuss the methods adopted for outlier detection. 12M

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