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

MCA II Year II Semester Supplementary Examinations Dec 2019
BIG DATA ANALYTICS

Time: 3 hours

Max. Marks: 60

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

UNIT-I

1 Describe any five characteristics of Big Data. 12M

OR

2 Describe the steps involved in support vector based inference methodology. 12M

UNIT-II

3 What is Real Time Analytics? Discuss their technologies in detail. 12M

OR

4 List the main characteristics of stream sources and explain how data analysis is used in stock market predictions. 12M

UNIT-III

5 Explain in detail about the design of Hadoop distributed file system and concept in detail. 12M

OR

6 Explain Map reduce job scheduling in detail with neat diagram. 12M

UNIT-IV

7 Define Hadoop. Give detail information on how will set up Hadoop cluster. 12M

OR

8 Define HDFS. Describe namenode, datanode and block. Explain HDFS operation in detail. 12M

UNIT-V

9 Explain Hbase queries to perform the following task with example. 12M

OR

10 Write HiveQL queries to perform the following task with example 12M

- I. Create table
- II. Divide table into related parts(partitions)
- III. Joining tables.

*** END ***