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Reg. No. | | | | | | | | | |

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
MCA II Year II Semester Regular & Supplementary Examinations May 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 **a** Intelligent Data Analytics   6M
     b Analysis Vs Reporting.   6M

UNIT-II

3 **a** What is a data stream?   2M
     b Discuss 14 insights of Info sphere in data stream.   10M

OR

4   Explain the stream model and Data stream management system architecture.   12M

UNIT-III

5   Explain the failures in Mapreduce.   12M

OR

6 **a** What is Hadoop? Explain its components.   5M
     b How do you analyze the data in Hadoop.   7M

UNIT-IV

7 **a** What are the different types of Hadoop configuration files? Discuss.   7M
     b What are control scripts? Explain the start.dfs.sh script, Start.mapred.sh   5M

OR

8 **a** How will you define commissioning new nodes and decommissioning old nodes?   8M
     b Write the steps for upgrading HDFS   4M

UNIT-V

9 **a** What is PIG ?Explain its installing process   5M
     b Explain two execution types or modes in PIG   7M

OR

10   What is Zookeeper explain its features with applications   12M

*** END ***