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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)**MCA III Year I Semester Regular Examinations February-2022****BIG DATA ANALYTICS**

(Elective-III)

Time: 3 hours

Max. Marks: 60

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

UNIT-I

- 1 a Discuss about intelligent data analysis. L6 6M
b Analyze the importance of bootstrapping. L4 6M

OR

- 2 a What is sampling. Write about sampling distribution. L1 6M
b Discuss the characteristics of Big Data. L6 6M

UNIT-II

- 3 a Define a data stream. Explain an application of data stream. L2 6M
b Define Decaying window and explain how its performed in data analytics. L2 6M

OR

- 4 a What are filters in Big Data? Explain Bloom Filter with example L1 6M
b What is Real Time Analytics? Discuss about RTAP applications L1 6M

UNIT-III

- 5 a Briefly discuss the failures in Mapreduce. L4 6M
b Discuss the components of Hadoop. L1 6M

OR

- 6 a Explain HDFS operations in detail. L6 6M
b How map reduce job works with classic java stream. L3 6M

UNIT-IV

- 7 a What are the different types of Hadoop configuration files? Discuss. L1 6M
b Briefly discuss the Kerberos ticket exchange protocol. L2 6M

OR

- 8 a How Benchmarking works in Hadoop? Discuss. L1 6M
b List and explain Important Hadoop daemon properties? L4 6M

UNIT-V

- 9 a What is PIG? Explain two execution types or modes in PIG. L2 6M
b Explain the process of installing HIVE. L5 6M

OR

- 10 a Explain in detail IBM infosphere Big insights and Streams. L4 6M
b Discuss the terminologies Grouping, Join, CoGroup in data. L1 6M

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