R16

Reg. No:

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
MCA II Year II Semester Supplementary Examinations October-2020
BIG DATA ANALYTICS

Time: 3 hours   Max. Marks: 60

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

UNIT-I

1	Discuss Big Data in terms of three dimensions, volume, variety and velocity.	**12M**

OR

2	Explain briefly Modern Data Analytics tools.	**12M**

UNIT-II

3	What are filters in Big Data? Explain Bloom Filter with example.	**12M**

OR

4	Explain how to count ones in a window using DGIM algorithm.	**12M**

UNIT-III

5	**a**	Explain the components of HADOOP.	**6M**
	b	What is the role of data node and Name node in HDFS.	**6M**

OR

6	a	Discuss in brief about the building blocks of Hadoop.	**6M**
	b	Write a short notes on Hadoop distributed file system.	**6M**

UNIT-IV

7	a	Define Hadoop cluster? How to plan the capacity for cluster HADOOP.	**6M**
	b	What is the need for security in HADOOP?	**6M**

OR

8	Explain three step Kebroes ticket exchange protocol.	**12M**

UNIT-V

9	Explain Grouping, Join, CoGroup, Cross & Group in data.	**12M**

OR

10	Discuss the visual data analysis techniques in detail.	**12M**

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