Reg. No:

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech III Year I Semester Supplementary Examinations August-2022
BIG DATA
(Computer Science and Engineering)

Time: 3 hours   Max. Marks: 60

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

UNIT-I

1	a	Write about challenges with Big Data.	L6	6M
	b	Discuss why is big data analytics important.	L2	6M

OR

2	a	Explain about 5v's.	L1	6M
	b	Write about top challenges facing big data.	L6	6M

UNIT-II

3	a	Distinguish statistical significance and business importance.	L5	6M
	b	Explain in detail the commonly used analytical approaches.	L1	6M

OR

4	a	How analytical tools have evolved from graphical user interfaces to point solutions to data visualization tools?	L1	6M
	b	Compare Reporting and Analysis with its process.	L4	6M

UNIT-III

5	a	Discuss the techniques which is used to optimize the map reduce jobs.	L2	6M
	b	How does HDFS ensure data integrity in a Hadoop cluster?	L1	6M

OR

6	a	Define Command line interface using HDFS files and give a brief note on Hadoop-specific file system types and HDFS commands.	L1	6M
	b	Write a short note on the Hadoop ecosystem and HDFS architecture.	L6	6M

UNIT-IV

7	a	What is NewSQL? Differentiate between NewSQL and NoSQL?	L1	6M
	b	What are the limitations of Hadoop 1.0? Explain Hadoop 2: HDFS and Hadoop 2: YARN?	L1	6M

OR

8	a	With Neat sketch explain in detail Hadoop architecture and its components.	L1	6M
	b	List and Explain HDFC commands.	L1	6M

UNIT-V

9	a	List some key elements of social media.	L1	6M
	b	Discuss some fields where mobile analytics can be used.	L2	6M

OR

10	a	Discuss some commonly used text mining software.	L2	6M
	b	What is the importance of location –based tracking tools?	L1	6M

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