



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

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Continuous Assessment Exam

Program : B.E / B.TECH (CSE / IT) **Max. Marks** : 30
Course : Big Data Analytics **Time** : 1 Hour
Course Code : SCSA1603 **Sem** : VI
Batch : 2019 - 2023 **Date** : 06/04/2022

Part-A Answer ALL the questions (5×2=10)

Q. No	Questions	CO (L)
1.	Summarize the features of MongoDB.	CO3 (4)
2.	Name the dashboard formatting in tableau	CO3 (4)
3.	List the components of Hadoop.	CO4 (3)
4.	What are the functions of Name node	CO4 (5)
5.	Differentiate job tracker with task tracker	CO4 (3)

Part-B Answer ALL the questions (2×10=20)

Q. No	Questions	CO (L)
6.	Explain data model in Cassandra. Write down the features of Cassandra in detail.	CO3 (2)
(OR)		
7.	With a neat sketch describe the system architecture and components of Spark.	CO3 (2)
8.	Demonstrate the step-by-step procedure in Hadoop cluster architecture with pseudo distributed mode	CO4 (3)
(OR)		
9.	Illustrate the components of Hadoop and how the client's read and write operations performed	CO4 (2)