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PRESIDENCY UNIVERSITY

BENGALURU

Mid - Term Examinations – October 2025

Date: 11-10-2025

Time: 11.45am to 01.15pm

School: SOCSE	Program: B.Tech (CBD)	
Course Code: CBD2000	Course Name: Introduction to Big Data	
Semester: III	Max Marks: 50	Weightage: 25%

CO - Levels	CO1	CO2	CO3	CO4	CO5
Marks	46	44			

Instructions:

- (i) Read all questions carefully and answer accordingly.
- (ii) Do not write anything on the question paper other than roll number.

Part A

Answer ALL the Questions. Each question carries 2marks.

5Q x 2M=10M

1	Define Big data.	2 Marks	L1	CO1
2	Describe Cloud security.	2 Marks	L1	CO1
3	Outline data democratization.	2 Marks	L1	CO1
4	List aspects of big data architecture.	2 Marks	L1	CO2
5	Describe HDFS.	2 Marks	L1	CO2

Part B

Answer the Questions.

Total Marks 40M

6.	a.	Explain classification of big data.	10 Marks	L2	CO1
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Or

7.	a.	Generalize traditional and big data approach and differentiate between them.	10 Marks	L2	CO1
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8.	a.	Classify sources of big data.	10 Marks	L2	CO1
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Or

9.	a.	Explain characteristics of big data.	10 Marks	L2	CO1
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10.	a.	Summarize architecture components of big data.	10 Marks	L2	CO2
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Or

11.	a.	Explain architecture of HDFS.	10 Marks	L2	CO2
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12.	a.	Discuss file formats in Hadoop.	10 Marks	L2	CO2
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Or

13.	a.	Discuss key features and operations of Sqoop.	10 Marks	L2	CO2
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