



PRESIDENCY UNIVERSITY

BENGALURU

Roll No.														
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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	C01	C02	C03	C04	C05
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	C01
2	Describe Cloud security.	2 Marks	L1	C01
3	Outline data democratization.	2 Marks	L1	C01
4	List aspects of big data architecture.	2 Marks	L1	C02
5	Describe HDFS.	2 Marks	L1	C02

Part B

Answer the Questions.

Total Marks 40M

6.	a.	Explain classification of big data.	10 Marks	L2	CO1
Or					
7.	a.	Generalize traditional and big data approach and differentiate between them.	10 Marks	L2	CO1

8.	a.	Classify sources of big data.	10 Marks	L2	CO1
Or					
9.	a.	Explain characteristics of big data.	10 Marks	L2	CO1

10.	a.	Summarize architecture components of big data.	10 Marks	L2	CO2
Or					
11.	a.	Explain architecture of HDFS.	10 Marks	L2	CO2

12.	a.	Discuss file formats in Hadoop.	10 Marks	L2	CO2
Or					
13.	a.	Discuss key features and operations of Sqoop.	10 Marks	L2	CO2