

Roll No



**PRESIDENCY UNIVERSITY
BENGALURU**

**SCHOOL OF ENGINEERING
MID TERM EXAMINATION - APR 2023**

Semester : Semester VI - 2020

Course Code : CSE3034

Course Name : Sem VI - CSE3034 - Big Data Security and Privacy

Program : CBD

Date : 15-APR-2023

Time : 09:30AM - 11AM

Max Marks : 60

Weightage : 30%

Instructions:

- (i) Read all questions carefully and answer accordingly.
- (ii) Question paper consists of 3 parts.
- (iii) Scientific and non-programmable calculator are permitted.
- (iv) Do not write any information on the question paper other than Roll Number.

PART A

ANSWER ALL THE QUESTIONS

(5 X 2 = 10M)

1. Define big data privacy. (CO1) [Knowledge]
2. Define anonymous data (CO1) [Knowledge]
3. What do you mean by big data ethics? (CO1) [Knowledge]
4. Variety is a main issue to back up the big data. Why? (CO2) [Knowledge]
5. What is Intellectual Property? (CO2) [Knowledge]

PART B

ANSWER ALL THE QUESTIONS

(4 X 5 = 20M)

6. Explain different types and various characteristics of big data. (CO1) [Comprehension]
7. Privacy is most important for big data for several reasons. Explain in detail. (CO1) [Comprehension]
8. Explain in detail about big data and compliance. (CO2) [Comprehension]

9. Mention the most significant security risks associated with cloud computing, and how can they be mitigated?

(CO2) [Comprehension]

PART C

ANSWER ALL THE QUESTIONS

(2 X 15 = 30M)

10. Discuss in detail about big data ownership and ethics.

(CO1) [Application]

11. Mention the best practices for developing and implementing a cloud security strategy, and how can they be tailored to meet the needs of different organizations?

(CO2) [Application]