

Roll No



**PRESIDENCY UNIVERSITY
BENGALURU**

SET B

**SCHOOL OF ENGINEERING
END TERM EXAMINATION - JAN 2024**

Semester : Semester V - 2021
Course Code : CSE3095
Course Name : Cloud Security
Program : B.Tech.

Date : 04-JAN-2024
Time : 9:30AM - 12:30 PM
Max Marks : 100
Weightage : 50%

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

4 X 5M = 20M

1. Differentiate between SaaS, PaaS and IaaS with suitable example. (5M)
(CO1) [Knowledge]
2. List different VM Threat Levels. (5M)
(CO2) [Knowledge]
3. Define BCP/DRP. What are the alternative services during disasters. (5M)
(CO3) [Knowledge]
4. Explain the types of Data Security. (5M)
(CO4) [Knowledge]

PART B

ANSWER ALL THE QUESTIONS

5 X 10M = 50M

5. a) Write a note on i) AWS ii) Google App Engine iii) Azure iv) Force.com v) Salesforce.com vi) Hadoop. (10M)
(CO1) [Comprehension]
6. a) Discuss Auditing of VM. (5M)
b) Discuss Value of SSH. (5M)
(CO2) [Comprehension]
7. List out the seven principles that support information assurance and Discuss in detail. (10M)
(CO3) [Comprehension]
8. Summarize PAAS Application security. (10M)
(CO4) [Comprehension]

9. a) Explain the different types of employee termination . (5M)
b) Define autonomic security? List the different autonomic computing characteristics by IBM. (5M)
(CO2,CO3) [Comprehension]

PART C

ANSWER ALL THE QUESTIONS

2 X 15M = 30M

10. a) Compare public cloud with private cloud. (5M)
b) Pick any 10 NIST 33 principles and briefly explain them. (10M)
(CO3,CO1) [Application]
11. a) Explain the security policy implementation (5M)
b) Explain the Infrastructure Security in the Network Level (10M)
(CO4,CO2) [Application]