

Roll No



**PRESIDENCY UNIVERSITY
BENGALURU**

**SCHOOL OF ENGINEERING
END TERM EXAMINATION - JAN 2023**

Semester : Semester V - 2020

Course Code : CSE2013

Course Name : Sem V - CSE2013 - Cloud Computing

Program : B.Tech. CAI / COM

Date : 11-JAN-2023

Time : 9.30AM - 12.30PM

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.

PART A

ANSWER ALL THE TEN QUESTIONS

10 X 2 = 20M

1. What is Infra Structure as a Service?
(CO1) [Knowledge]
2. What are the major distributed computing technologies that led to Cloud computing?
(CO1) [Knowledge]
3. What is community cloud?
(CO2) [Knowledge]
4. What is VMM?
(CO2) [Knowledge]
5. What is software as a service?
(CO2) [Knowledge]
6. Define polling agent.
(CO3) [Knowledge]
7. Define Docker and its Application.
(CO3) [Knowledge]
8. List common logical units of data storage.
(CO3) [Knowledge]
9. List and explain the components of SLA.
(CO3) [Knowledge]
10. Define Programming Model.
(CO4) [Knowledge]

PART B

ANSWER ALL THE FIVE QUESTIONS

5 X 10 = 50M

11. Describe about Cloud Computing. With its Types and Categories.
(CO1) [Comprehension]
12. Explain different Hardware Virtualization Techniques.
(CO2) [Comprehension]
13. Explain how the cloud storage device mechanism represents storage devices that are designed specifically for cloud-based provisioning.
(CO3) [Comprehension]
14. What is readymade environment mechanism? Explain with example.
(CO3) [Comprehension]
15. To monitor the usage of cloud services, which are the management components required? Explain the role of each cloud management components with the help of a neat diagram.
(CO3) [Comprehension]

PART C

ANSWER ALL THE TWO QUESTIONS

2 X 15 = 30M

16. When you are transferring information to clients; whether your information is prone to attacks? If yes, List and explain which cloud security mechanisms has to be used to protect the information. Explain.
(CO3) [Application]
17. Explain in detail about Basics of Virtualization and its Types.
(CO2,CO4) [Application]
