



PRESIDENCY UNIVERSITY

BENGALURU

Roll No.															
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End - Term Examinations - December 2025

Date: 12-12-2025

Time: 01:00pm- 04:00pm

School: SOIS	Program: BCA/BCD/BCI	
Course Code : CSA2008	Course Name: Essentials of Cloud Computing	
Semester: V	Max Marks: 100	Weightage: 50%

CO - Levels	C01	C02	C03	C04	C05
Marks	26	24			

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	Discuss the Example of cloud computation.	2 Marks	L1	C01
2	Define the Vision of Cloud.	2 Marks	L1	C01
3	Define Virtual machine (VM).	2 Marks	L2	C02
4	Discuss about Amazon S3	2 Marks	L2	C02
5	Define the Definition of utility-oriented by Buyya.	2 Marks	L1	C01
6	List the Benefits of using SaaS.	2 Marks	L1	C03
7	Discuss any two Disadvantages of PaaS solutions	2 Marks	L1	C03
8	Define Fog Computing	2 Marks	L1	C04
9	Define Compute in IaaS	2 Marks	L1	C04
10	List the different types of IaaS providers	2 Marks	L1	C04

Part B

Answer the Questions.

Total Marks 80M

11.	a.	Summarize the Bird's-eye view of cloud computing with a block diagram.	10 Marks	L2	CO1
Or					
12.	a.	Summarize Cloud computing with consumers and providers in detail.	10 Marks	L2	CO1
Or					
13.	a.	Discuss the Issues in Cloud security Interference of Hackers and Insecure API's and Denial of Service (DoS) attack.	10 Marks	L2	CO1
Or					
14.	a.	Discuss Cloud Computing Service Models and its Descriptions.	10 Marks	L2	CO1
Or					
15.	a.	Discuss the Architecture of virtualization in cloud computing with a neat diagram.	10 Marks	L2	CO2
Or					
16.	a.	Discuss Hadoop framework and iCloud in detail.	10 Marks	L2	CO2
Or					
17.	a.	Summarize Splunk Tools and Lacework Tools used in Cloud Computing.	10 Marks	L3	CO2
Or					
18.	a.	Discuss Amazon Virtual Private Cloud (Amazon VPC) with a diagram.	10 Marks	L3	CO2
Or					
19.	a.	Discuss Why to use SOA? With its advantages and disadvantages.	10 Marks	L2	CO3
	b.	Discuss the Multi-tenant Architecture with a neat diagram.	10 Marks	L2	CO3
Or					
20.	a.	Discuss the Working of Platform as a Service (PaaS) with its diagram.	10 Marks	L3	CO3
	b.	Discuss briefly working of SECaaS.	10 Marks	L2	CO3
Or					
21.	a.	Discuss in detail Server Types Physical Server, Dedicated virtual server and shared virtual server Within an IaaS Solution.	10 Marks	L3	CO4
	b.	Summarize the Advantages and Disadvantages of Infrastructure as a service (IaaS).	10 Marks	L2	CO4
Or					
22.	a.	Discuss the following 1) Virtual Machine Image 2) Database as a Service (DBaaS)	10 Marks	L2	CO4
	b.	Discuss any five Research trends in Cloud Computing	10 Marks	L2	CO4