



PRESIDENCY UNIVERSITY

BENGALURU

Roll No.																			
----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Mid - Term Examinations - March 2026

Date: 11-03- 2026

Time: 11.45am to 01.15pm

School: SOIS	Program: BCA		
Course Code : CSA1700	Course Name: Essentials of Cloud Computing		
Semester: IV	Max Marks: 50	Weightage: 25%	

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	What is Cloud?	2 Marks	L1	C01
2	Mention the differences between SaaS and IaaS.	2 Marks	L1	C01
3	What do you mean by deployment software?	2 Marks	L1	C01
4	What is Virtualization Layer?	2 Marks	L1	C02
5	List out the Characteristics of Virtualized Environments.	2 Marks	L1	C02

Part B

Answer the Questions.

Total Marks 40M

6.	a.	Briefly describe the architecture of cloud computing with diagram.	10 Marks	L3	C01
Or					
7.	a.	Discuss the public and hybrid deployment models and their advantages.	10 Marks	L3	C01

8.	a.	Demonstrate the Services offered by Cloud providers in detail.	10 Marks	L3	C01
Or					
9.	a.	Illustrate any five benefits and Limitations of cloud computing.	10 Marks	L3	C01

10.	a.	Sketch and explain the functionalities in Taxonomy of Virtualization Techniques in detail.	10 Marks	L3	C02
Or					
11.	a.	Examine and Explain the needs of hypervisor and their types with diagram.	10 Marks	L3	C02

12.	a.	Illustrate the types of Server virtualization, Desktop virtualization and Data virtualization.	10 Marks	L3	C02
Or					
13.	a.	Elaborate the five Levels of Virtualization and their functionalities.	10 Marks	L3	C02