PRESIDENCY UNIVERSITY

BENGALURU

Mid - Term Examinations – October 2025

Date: 09-10-2025   **Time:** 11.45am to 01.15pm

School: SOIS	**Program:** BCA/BCD/BCI
Course Code : CSA2008	**Course Name:** Essentials of Cloud Computing
Semester: V	**Max Marks**:50 **Weightage**:25%

CO - Levels	CO1	CO2	CO3	CO4	CO5
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	Explain the criteria for a cloud service	2 Marks	L2	CO1
2	Define the Benefits of cloud computing	2 Marks	L1	CO1
3	Define Virtualization	2 Marks	L1	CO2
4	What is Software maturity in virtualization	2 Marks	L1	CO2
5	Explain about Web2.0	2 Marks	L2	CO1

Part B

Answer the Questions. **Total Marks 40M**

6.	a.	Describe the bird's eye view of cloud with a diagram and services used in cloud.	10 Marks	L2	CO 1
		Or			
7.	a.	Discuss Mainframe computing and Cluster Computing with its advantage.	10 Marks	L2	CO 1

8.	a.	Explain the characteristics or attributes or features of cloud	10 Marks	L2	CO 1
		Or			
9.	a.	Explain different types of cloud computing service models	10 Marks	L2	CO 1

10.	a.	What is hardware Virtualization Explain any two types of Hardware Virtualization?	10 Marks	L2	CO 2
		Or			
11.	a.	Discuss any five Tools used in Cloud Computing.	10 Marks	L2	CO 2

12.	a.	Discuss the Type1 Hypervisor and Type2 Hypervisor with a diagram with reference to virtualization.	10 Marks	L2	CO 2
		Or			
13.	a.	Discuss any five Tools used in Amazon Web Services (AWS)	10 Marks	L2	CO 2