



PRESIDENCY UNIVERSITY

BENGALURU

Roll No.													
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End - Term Examinations – May / June 2026

Date: 20- 05-2026

Time:01:00pm – 04:00pm

School: SOIS	Program: BCA	
Course Code: CSA3048	Course Name: Cloud Storage and Application	
Semester: VI	Max Marks: 100	Weightage: 50%

CO - Levels	C01	C02	C03	C04	C05
Marks	24	24	26	26	

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.

10Q x 2M=20M

1.	Define cloud delivery model.	2 Marks	L1	C01
2.	Illustrate Web 2.0.	2 Marks	L2	C01
3.	Define Storage as a Service.	2 Marks	L1	C02
4.	Define Amazon S3.	2 Marks	L1	C02
5.	Define virtualization taxonomy.	2 Marks	L1	C03
6.	Compare block storage and object storage in cloud environments.	2 Marks	L2	C03
7.	Define risk triad.	2 Marks	L1	C03
8.	Define storage security domain.	2 Marks	L1	C04
9.	Define ECG analysis in cloud computing.	2 Marks	L1	C04
10.	List two cloud applications in healthcare.	2 Marks	L1	C04

Part B

Answer the Questions.

Total Marks 80M

11.	a.	Explain cloud computing concepts and architecture (10 Marks)	20 Marks	L2	C01
	b.	Demonstrate the benefits of cloud adoption in an organizations (10 Marks)		L2	C01
Or					
12.	a.	Explain historical development of cloud computing. (10 Marks)	20 Marks	L2	C01
	b.	Summarize the risks and limitations of cloud computing. (10 Marks) L2		L2	C01
13.	a.	Explain Amazon ElastiCache and Amazon CloudFront, highlighting their purpose, working, advantages, and applications. (10 Marks)	20 Marks	L2	C02
	b.	Explain different types of virtualization techniques used in cloud computing.(10 Marks)		L2	C02
Or					
14.	a.	Explain Storage as a Service with suitable examples. (10 Marks)	20 Marks	L2	C02
	b.	Compare different cloud storage providers and devices. (10 Marks) L3		L2	C02
15.	a.	Explain characteristics of virtualization environments. (10 Marks) L2	20 Marks	L2	C03
	b.	Outline the benefits and challenges of storage virtualization. (10 Marks)		L2	C03
Or					
16.	a.	Summarize the taxonomy of virtualization techniques. (10 Marks)	20 Marks	L2	C03
	b.	Explain different forms of virtualization with examples. (10 Marks)		L2	C03
17.	a.	Explain applications of cloud computing in healthcare and biological research (10 Marks)	20 Marks	L2	C04
	b.	Apply gene expression data analysis techniques for cancer diagnosis with a suitable example. (10 Marks)		L3	C04
Or					
18.	a.	Demonstrate gene expression analysis for cancer diagnosis. (10 Marks)	20 Marks	L2	C04
	b.	Apply cloud computing techniques for satellite image processing with a suitable example (10 Marks)		L3	C04