PRN:		Course Code :	II2802

Final Year **B.Tech CSE** End Semester Examination Summer 2024

Fundamentals of Cloud

Day and Date: 11 JUN 2024, Tuesday Max Marks: **100**

Time : 10-30 am to 1-30 pm Duration: **03** hrs

Instructions: All questions are compulsory.

Q.1		**Attempt the following**	Marks	Bloom's Level	CO
	a)	Outline essential characteristics of Cloud computing	08	L2	CO1
	b)	Explain Cloud Service Model with diagrams	08	L3	CO1
		OR			
	b)	Build a note on public, private, and hybrid Clouds.	08	L3	CO1
Q.2		**Attempt the following**			
	a)	Illustrate features with respect to AWS.	08	L3	CO2
	b)	Illustrate Attacks on Operating systems.	08	L3	CO2
		OR			
	b)	Describe the difference between Scalability and Elasticity?	08	L2	CO3
Q.3		**Attempt any two from the following**			
	a)	Summarize the AWS? What types of services does it provide?	08	L1	CO2
	b)	Explain Amazon EC2 and its basic features.	08	L2	CO3
	c)	Explain IaaS, Paas, SaaS.	08	L2	
Q.4		**Attempt any two from the following**			
	a)	Explain some of the popularly used cloud computing services	08	L1	CO3
	b)	Explain Network Load Balancer and Application Load Balancer. with an example.	08	L4	CO3
	c)	Explain Cloud Computing advantages with examples.	08	L2	CO3
Q.5		**Attempt any Two of the following**			
	a)	Explain S3 bucket with respect to AWS	09	L2	CO4
	b)	Differentiate between Amazon Web Services, Azure with a diagram.	09	L4	CO4
	c)	Explain Load Balancer and its types with example	09	L3	CO2
Q.6		**Attempt any Two of the following**			
	a)	Explain Virtual Private Cloud with its architecture.	09	L2	CO2
	b)	Write a short note on Static & Dynamic Load Balancer with diagram	09	L3	CO3
	c)	Explain Cloud resource management.	09	L2	CO4

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