PRN:		Course Code :	UCS404

Second Year **CSE** End Semester Examination Summer 2024

Fundamental of Cloud Computing

Day and Date: 24 MAY 2024, Friday Max Marks: **100**

Time : 2:00 to 5:00 pm Duration: **03** hrs

Instructions: All questions are compulsory.

			Marks	Bloom's Level	CO
Q.1		**Attempt the following**			
	a)	Outline Cloud deployment models	08	L2	CO1
	b)	Explain Cloud Computing with diagram and its advantages	08	L3	CO1
		OR			
	b)	Explain Services of Cloud with respect to Amazon Web Services	08	L3	CO1
Q.2		**Attempt the following**			
	a)	Illustrate operating system security	08	L3	CO2
	b)	Make use of Linux Commands and it's use with example	08	L3	CO2
		OR			
	b)	Explain S3 Bucket and Use of Bucket Policy in AWS	08	L3	CO3
Q.3		**Attempt any two from the following**			
	a)	Summarize Amazon Elastic Cloud Computing (EC2)	08	L1	CO2
	b)	Build the architecture & explain Hyper-V architecture	08	L2	CO3
	c)	Construct Security Risks of Cloud Computing	08	L2	
Q.4		**Attempt any two from the following**			
	a)	Identify the Virtualization with respect to Server virtualization, Storage virtualization with diagrams	08	L2	CO3
	b)	Build a note on Auto scaling with its importance	08	L3	CO3
	c)	Write a note on Emerging Cloud Area's with respect to social media	08	L3	CO3
Q.5		**Attempt any Two of the following**			
	a)	Describe Steps to create EC2 instance in AWS and sudo command with example	09	L2	CO4
	b)	Explain working of Netflix with respect to S3 bucket and its features with diagram	09	L3	CO4
	c)	Describe Virtual Private Network (VPN) and steps for creating VPN	09	L2	CO5
Q.6		**Attempt any Two of the following**			
	a)	Discuss horizontal scaling and vertical scaling.	09	L2	CO5

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	b)	Describe Virtual Private Cloud (VPC) and steps for creating VPC	09	L3	CO6
	c)	Make use of Load balancer and it's types	09	L3	CO6

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