PRN:		Course Code :	BCA3061

Third Year **B.C.A.** End Semester Examination Summer 2024

Cloud Computing

Day and Date: 25 MAY 2024 , Sat Max Marks: **100**

Time : 02:00PM To 05:00PM Duration: **03** hrs

Instructions:All questions are compulsory.

			Marks	Bloom's Level	CO
Q.1		**Attempt the following**			
	a)	Elaborate Cloud Computing and its characteristics in detail.	08	L6	CO1
	b)	Discuss recent trends in Cloud Computing	08	L2	CO1
		OR			
	b)	Differentiate between Cluster computing and Grid computing	08	L4	CO1
Q.2		**Attempt the following**			
	a)	Explain Cloud Deployment Models.	08	L2	CO2
	b)	Illustrate the role of Network in cloud computing	08	L5	CO2
		OR			
	b)	Describe IaaS and SaaS in detail	08	L2	CO2
Q.3		**Attempt any two from the following**			
	a)	What is Virtualization. Explain Full Virtualization	08	L1	CO3
	b)	Elaborate about Hypervisor and types of Hypervisors .	08	L6	CO3
	c)	Discuss Virtualization of CPU.	08	L2	CO3
Q.4		**Attempt any two from the following**			
	a)	Explain Infrastructure Security in Cloud Computing	08	L5	CO3
	b)	Illustrate Authentication in cloud computing	08	L3	CO3
	c)	Discover and Explain the Data Security Risks with suitable.	08	L3	CO3
Q.5		**Attempt any Two of the following**			
	a)	Explain what are Cloud Platforms. Explain any 2 Cloud Platforms.	09	L5	CO4
	b)	Explain Microsoft Azure.	09	L5	CO4
	c)	Elaborate Open Stack.	09	L6	CO4
Q.6		**Attempt any Two of the following**			
	a)	Discuss the benefits of mobile cloud computing in detail	09	L6	CO4
	b)	Describe the architecture of Mobile Cloud Computing	09	L2	CO4
	c)	Identify the methods to improve Data storage capacity and processing power mobile cloud computing	09	L6	CO4

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