PRN:		CourseCode:	BCA3061

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

Cloud Computing

000706

Day and Date: Sat 23 NOV 2024 Max Marks: **100**

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

Instructions: All Questions are compulsory

		Marks	Bloom's Level	CO
Q.1	**Attemptthefollowing**			
	a) What is Cloud Computing. Explain its characteristics in detail	08	L1	CO1
	b) Compare between Grid Computing and Cloud Computing	08	L4	CO1
	OR			
	b) Explain Evolution of Cloud Computing.	08	L2	CO1
Q.2	**Attemptthefollowing**			
	a) Describe the role of Network in Cloud Computing	08	L2	CO2
	b) Elaborate Public, Private and Hybrid Cloud	08	L6	CO2
	OR			
	b) Explain in detail IaaS and PaaS	08	L2	CO2
Q.3	**Attemptanytwofromthefollowing**			
	a) Discuss about Hypervisor and its types.	08	L6	CO3
	b) What is Virtualization. Explain Para Virtualization in detail	08	L1	CO3
	c) Explain Implementation Levels of Virtualization.	08	L5	CO3
Q.4	**Attempt any two from the following**			
	a) Identify the key privacy issues in cloud computing and the steps to overcome those issues.	08	L3	CO3
	b) Summarize Cloud security. Explain Infrastructure Security	08	L2	CO3
	c) Illustrate about Data security and Storage in detail	08	L4	CO3
Q.5	**Attempt any two of the following**			
	a) Illustrate Microsoft Azure	09	L4	CO4
	b) Explain the organization and features of Amazon EC2.	09	L5	CO4
	c) Summarize about Open Stack	09	L2	CO4
Q.6	**Attempt any two of the following**			
	a) Explain architecture of Mobile Cloud Computing	09	L5	CO4
	b) Discuss Mobile Cloud Computing and its benefits in detail	09	L2	CO4
	c) Identify the methods to improve Data storage capacity in Mobile Cloud Computing	09	L4	CO4

*****

Backlog