R20

MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY
(Autonomous Institution – UGC, Govt. of India)
IV B.Tech I Semester Supplementary Examinations, April 2025
Cloud Computing
(CSE, IT, CSE-CS, CSE-AIML, CSE-DS, CSE-IOT, B.Tech-AIDS & B.Tech-AIML)

Roll No										

Time: 3 hours   **Max. Marks: 70**

Note: This question paper Consists of 5 Sections. Answer **FIVE** Questions, Choosing ONE Question from each SECTION and each Question carries 14 marks.

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				BCLL	CO(s)	Marks
			SECTION-I			
1	A		Discuss the architecture of Quantum computing with a neat sketch?	L1	CO-I	[4M]
	B		Explain briefly Layers and Types of Clouds in cloud computing	L2	CO-I	[10M]
			OR			
2	A		Explain about Infrastructure-as-a-Service (IAAS) with examples.	L3	CO-I	[7M]
	B		Illustrate Roots and features of Cloud Computing.	L6	CO-I	[7M]
			SECTION-II			
3	A		What are the ways we can achieve Full virtualization? Explain in detail.	L1	CO-II	[7M]
	B		Explain Briefly Virtualization Structures	L2	CO-II	[7M]
			OR			
4	A		Write short notes on following virtualization. i) Application virtualization ii) Hardware virtualization	L3	CO-II	[7M]
	B		Explain Briefly the Seven-Step Model of Migration into a Cloud.	L4	CO-II	[7M]
			SECTION-III			
5	A		Explain about ANEKA Integration of Private and Public Clouds.	L5	CO-III	[7M]
	B		Differentiate between Infrastructure as a service and platform as a service .	L5	CO-III	[7M]
			OR			
6	A		Explain about VM provisioning and migration in action.	L6	CO-III	[7M]
	B		Explain Briefly Virtual machines provisioning and Migration services	L1	CO-III	[7M]
			SECTION-IV			
7	A		Explain Briefly Cloud Computing and Identity.	L2	CO-IV	[7M]
	B		Build few best practices for Data security.	L6	CO-IV	[7M]
			OR			
8	A		Explain about Google App. Engine in detail.	L2	CO-IV	[7M]
	B		What are the steps to be taken when the cloud provider goes down?	L1	CO-IV	[7M]

SECTION-V

9	A	Explain briefly Traditional Approaches to SLO Management	L1	CO-V	[7M]
	B	Briefly Write about Types of SLA	L2	CO-V	[7M]

OR

10	A	Write about Life Cycle of SLA	L3	CO-V	[7M]
	B	Write about SLA Management in Cloud.	L4	CO-V	[7M]

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