

PART – B

(5 x 13 = 65 Marks)

Q. No.	Questions	Marks	KL	CO
11. a)	Draw and explain NIST Conceptual reference model for Cloud Computing?	13	K1	CO1
	(OR)			
b)	Explain the Service Models in Cloud? Explain any three models.	13	K1	CO1
12. a)	Give the types of Virtualization? Explain any three in detail.	13	K1	CO2
	(OR)			
b)	Tell about Hypervisor. Explain its types.	13	K1	CO2
13. a)	Identify the significance of layered cloud architecture? Explain it in detail.	13	K3	CO2
	(OR)			
b)	Explain any two topologies used for Inter-Cloud resource management and elaborate its application.	13	K2	CO3
14. a)	Examine the different Security challenges while delivering Software-as-a-Service. Plan to solve it.	13	K3	CO5
	(OR)			
b)	Elaborate on Security Architecture Design and explain how it makes cloud secure?	13	K2	CO4
15. a)	Why Cloud Computing is suitable for Healthcare? Elaborate with examples.	13	K3	CO4
	(OR)			
b)	Explain the role Cloud environment in Storage? Elaborate with examples.	13	K3	CO4

PART – C

(1 x 15 = 15 Marks)

Q.No.	Questions	Marks	KL	CO
16. a)	Design a Cloud Security Architecture which will ensure application security in Cloud and explain its components in detail?	15	K3	CO4
	(OR)			
b)	Design a Cloud Architecture model that is suitable for scientific applications and explain it with a diagram.	15	K3	CO3