

Model Question Paper

USN

--	--	--	--	--	--	--	--	--	--

Sixth Semester B.E. Degree Examination

CLOUD COMPUTING

TIME: 03 Hours

Max. Marks: 100

Answer any **FIVE** full questions, choosing at least **ONE** question from each **MODULE**.

Module -1			Bloom's Taxonomy Level	Marks
Q.01	a	Discuss in detail about distributed system models.	L2	10
	b	Explain the basic Cluster Architecture with a neat diagram.	L2	10
OR				
Q.02	a	Write short notes on Peer-to-Peer network families.	L2	10
	b	Discuss system attacks and threats to cyberspace resulting in 4 types of losses.	L2	10
Module-2				
Q. 03	a	Explain in detail about Implementation Levels of virtualization.	L2	10
	b	Explain how Migration of Memory, Files, and Network Resources happen in cloud computing.	L2	10
OR				
Q.04	a	Explain VM based intrusion detection system.	L2	10
	b	Write steps for Creating a Virtual Machine: Configure and deploy a virtual machine with specific CPU and memory requirements in Google Cloud. [or] Write 5 commands and explain Exploring AWS Cloud Shell.	L2	10
Module-3				
Q. 05	a	Discuss IaaS, PaaS and SaaS cloud service models at different service levels.	L2	10
	b	Explain Private, public and hybrid cloud deployment models.	L2	10
OR				
Q. 06	a	Write short notes on global exchange of cloud resources.	L2	10
	b	Discuss a set of cloud services provided by Microsoft Azure.	L2	10
Module-4				
Q. 07	a	Discuss security of database services.	L2	10

	b	Explain Security Risks Posed by Shared Images & Management OS.	L2	10
OR				
Q. 08	a	Discuss how virtual machines are secured.	L2	10
	b	Explain reputation system design options.	L2	10
Module-5				
Q. 09	a	What are the various system issues for running a typical parallel program in either parallel or distributed manner?	L2	10
	b	With a neat diagram explaining the data flow in running a MapReduce job at various task trackers using Hadoop Library	L2	10
OR				
Q. 10	a	Discuss Programming the Google App Engine.	L2	10
	b	With neat diagram explain OpenStack Nova system architecture.	L2	10