

Department of Information Technology
Mid Term Test – 2, July-Dec 2024
M. C. A. Second Year, III Semester

Cloud Computing CT 20305

Time 1 hr

Max Marks 20

NOTE: ALL questions are compulsory

			Marks	CO	BL	PI
Q1	A	Explain how virtual machines provide security through isolation.	2	4	2	1.4.1
	B	Explain brokered cloud storage access stating all its steps and a suitable block diagram.	3	4	2	1.4.1
	C	Explain the terms in the context of cloud security: (i) access control, (ii) authentication, (iii) authorization and (iv) auditing	4	4	2	1.4.1
	D	What are the three stages of threat identification in cloud computing. Which of these may require use of machine learning algorithms?	1	4	2	1.4.1
Q2	A	Compare the cloud data recovery methods with the traditional data recovery methods.	3	5	2	1.4.1
	B	Explain the terms (i) hot site, (ii) warm site and (iii) cold site.	3	5	2	1.4.1
	C	State the two ways of achieving disaster recovery.	2	5	2	1.4.1
	D	State which of the following cause/s a disaster (i) Hardware failure, (ii) power loss/interruption, (iii) software install or upgrade and (iv) accidental deletion of data.	1	5	1	1.4.1
	E	Give one real life example of cloud disaster that actually occurred.	1	5	1	1.4.1
