CMR INSTITUTE OF TECHNOLOGY

Set No:1

UGC Autonomous

(Approved by AICTE, Permanently Affiliated to JNTUH, Hyderabad, NBA Accredited and NAAC with 'A' Grade)

Kandlakoya (V), Medchal Road, Hyderabad-501 401

INTERNAL SUBJECTIVE TEST - I

Course : III-B.Tech I SEM	**Branch : CSE,CSM,CSD,CSC,AID,AIM**
Subject : Information and Cyber Security	**Duration : 90 min**
Date : 18/10/2023 FN	**Max. Marks : 25**

Part A is Compulsory Which Carries 10marks. Answer All the Questions in Part A.
Part B contain 3 questions, must cover 2 ½ Units, answer anyone from each question. Each question carries 5Marks

PART-A   5 x 2M=10M

S.No		Question	Blooms Taxonomy Level	CO	PO
1	i	Define a security threat?	*I*	*3*	2,3,6,8,12
	ii	Compare Active attacks and Passive Attacks.	*II*	*4*	2,3,6,8,12
	iii	What are the services in cloud computing	*I*	*4*	2,3,6,8,12
	iv	What is Message authentication code?	*I*	*5*	2,3,6,8,12
	v	Define Firewall and list out its types.	*I*	*5*	2,3,6,8,12

PART-B   3 x 5M=15M

S.No	Question	Blooms Taxonomy Level	CO	PO
2	Explain the model of Network security with neat diagram?	*VI*	*3*	2,3,6,8,12
	OR			
3	Discuss various security mechanisms in Information and Cyber Security?	*VI*	*3*	2,3,6,8,12
4	Discuss in detail Botnets and its working in Cyber security	*VI*	*4*	2,3,6,8,12
	OR			
5	Explain how cyber stalking works in real life?	*VI*	*4*	2,3,6,8,12
6	What is cryptography? Discuss the private key cryptography with neat diagram.	*V*	*5*	2,3,6,8,12
	OR			
7	Describe Digital Signature Algorithm with neat diagram.	*V*	*5*	2,3,6,8,12