PRN:	Course Code:	PCA359

SecondYear **M.C.A.** End Semester Examination Winter 2023

Cyber Security

Day and Date: Monday, 04/12/2023 Max Marks: **100**

Time: 10-30 am to 1-30 PM Duration: **03**hrs

Instructions: All questions are compulsory.

			Marks	Bloom's Level	CO
Q.1		**Attempt the following**			
	a)	Discuss in detail ISO/OSI Protocol stack	08	L6	CO1
	b)	List and explain types of cyber attacks	08	L4	CO4
		OR			
	b)	How to secure information in cyber space?	08	L3	CO2
Q.2		**Attempt the following**			
	a)	Explain Cyber Crime against government with example.	08	L1	CO3
	b)	What is mean by Social Engineering? Explain in detail.	08	L1	CO1
		OR			
	b)	Explain types of Cyber Crime.	08	L1	CO3
Q.3		**Attempt any two from the following**			
	a)	Define Virus and Types of Virus	08	L4	CO4
	b)	What is mean by white collar crime? explain types of white collar crime.	08	L1	CO4
	c)	What is mean by Mail Bombs?	08	L1	CO2
Q.4		**Attempt any two from the following**			
	a)	How the Email Investigation carried out?	08	L1	CO2
	b)	List and explain encryption and decryption types.	08	L4	CO4
	c)	What are the tools available for cyber crime investigation?	08	L1	CO4
Q.5		**Attempt any Two of the following**			
	a)	Discuss in brief Windows System Forensics	09	L6	CO1
	b)	How to do Audio and video analysis in digital forensic?	09	L1	CO2
	c)	List and explain analysis and advanced tools of digital forensics	09	L4	CO4
Q.6		**Attempt any Two of the following**			
	a)	Discuss in detail Evidence Handling Procedure.	09	L6	CO3
	b)	List and explain Legal Policies concerning security.	09	L5	CO4
	c)	What is mean by IPC and CrPC?	09	L1	CO2

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