

				Subj	ect	Cod	e: K	CA.	AUI
Roll No:									

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MCA (SEM II) THEORY EXAMINATION 2023-24 CYBER SECURITY*

TIME: 3 HRS M.MARKS: 100

Note: 1. Attempt all Sections. If require any missing data; then choose suitably.

SECTION A

1.	Attempt a	all d	questions	in	brief.
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Qno.	Question	Marks	CO
a.	Define cyber security?	2	1
b.	What is information system?	2	1
c.	Why disposal of data is necessary?	2	2
d.	Explain Trojan horse.	2	2
e.	Explain the working of CCTV.	2	3
f.	Discuss E-Cash.	2	3
g.	How security policies work?	2	4
h.	Describe email security policy	2	4
i.	What is the role of cyber laws in India?	2	5
j.	Explain software piracy.	2	5

SECTION B

2. Attempt any three of the following:

4.	Attempt any three of the following.			۲.
Qno.	Question	Marks	CO	ľ
a.	Explain information security, what is the need of information security.	10	1	1
b.	Elaborate the role of backups and archival storage for data security considerations	10,	2	
c.	Describe briefly electronic payment system and how it's beneficial in today's life?	10	3	
d.	Why notifications and publication is required for the policies explain its benefits	10	4	
e.	What are the objectives of IT act? What are the offences under IT act 2000?	10	5	

SECTION C

3. Attempt any *one* part of the following:

a.	Explain management support system and operational support system in brief.	10	1
b.	What are the types of threats in an information system? Explain the concept of	10	1
	CIA triad.		

4. Attempt any *one* part of the following:

a.	What do you control.	understand b	y application	security?	Explain about	access	10	2
b.	Discuss in deta	ail about IDS.	Differentiate b	etween N	DS and HIDS.	•	10	2

5. Attempt any *one* part of the following:

a.	Elaborate digital signature. Explain public and private key encryption	10	3
b.	Define the term SDLC explain its all phases briefly	10	3

6. Attempt any *one* part of the following:

a.	Mention the important features of WWW policy.	10	4
b.	Briefly explain the ISO standards to be considered while lying down the policy	10	4

7. Attempt any *one* part of the following:

a.	Write a short note on –Copyright law and software license	10	5
b.	Elaborate IPR, explain its types and how it's beneficial for the people	10	5