PAPER ID-312046

Subject Code: BMC106

Roll No: | | | | | | | | | | | | |

MCA
(SEM I) THEORY EXAMINATION 2024-25
CYBER SECURITY

TIME: 3 HRS **M.MARKS: 70**

Note: Attempt all Sections. In case of any missing data; choose suitably.

SECTION A

1. Attempt *all* questions in brief. **2 x 07 = 14**

Q no.	Question	CO	Level
a.	What is mean by Information System	1	K1
b.	What is CIA	1	K2
c.	What is an Information?	1	K1
d.	Define Access Control	2	K2
e.	What is mean by Intellectual Property	5	K1
f.	What is need of having Application Security	2	K2
g.	What are the features of Ecommerce System	3	K3

SECTION B

2. Attempt any *three* of the following: **07 x 3 = 21**

Q no.	Question	CO	Level
a.	Describe on Threats to Information Systems	1	K3
b.	Explain in detail on Cyber security	1	K4
c.	Why is it necessary to develop Policies	4	K4
d.	What are the threats in E-Payment System	3	K4
e.	Explain in detail on Firewall? How it provides Security to Hardware and software	2	K4

SECTION C

3. Attempt any *one* part of the following: **07 x 1 = 07**

Q no.	Question	CO	Level
a.	What is a Risk? What are the ways in which the Risk can be Evaluated	1	K2
b.	Explain in detail on VPN and its types	2	K3

4. Attempt any *one* part of the following: **07 x 1 = 07**

Q no.	Question	CO	Level
a.	Explain various security standards	5	K4
b.	Why we need cyber laws in India? Define any 2 laws that you feel is necessary	5	K4

5. Attempt any *one* part of the following: **07 x 1 = 07**

Q no.	Question	CO	Level
a.	What is the need for having information security? Explain the levels	1	K3
b.	Explain Cryptography in Detail.	3	K3

6. Attempt any *one* part of the following: **07 x 1 = 07**

Q no.	Question	CO	Level
a.	Explain General Information system in detail	1	K4
b.	Write in detail on Software Piracy and Software Licens	5	K3

7. Attempt any *one* part of the following: **07 x 1 = 07**

Q no.	Question	CO	Level
a.	What are the various security threats in Applications	2	K4
b.	Write in detail on symmetric and asymmetric key algorithm	3	K4