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MTECH
(SEM II) THEORY EXAMINATION 2021-22
CYBER SECURITY AND LAWS

Time: 3 Hours

Total Marks: 70

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

SECTION A

1. Attempt all questions in brief.

2 x 7 = 14

Qno.	Question	CO
a.	What is Cyber Crime? List the types of cybercriminals.	1
b.	What is Cyber Stalking?	1
c.	What are the weak areas of the ITA 2000?	2
d.	What is the need for Computer Forensics?	3
e.	Differentiate between virus and worm.	3
f.	Define the term cyber laws.	4
g.	Write down ethics for computer user.	5

SECTION B

2. Attempt any three of the following:

7 x 3 = 21

Qno.	Question	CO
a.	Explain Active and Passive attacks with examples.	1
b.	How cybercriminal plan the attack? Explain various steps.	2
c.	Explain how Intellectual property Laws protect the rights of the owner of the Intellectual Property?	3
d.	Explain E-Contracts. Discuss E-Contracts Act 1872.	4
e.	Explain how an appeal can be made under the IT Act 2000.	5

SECTION C

3. Attempt any one part of the following:

7 x 1 = 7

Qno.	Question	CO
a.	Explain secure socket layer (SSL) protocol stack with a neat diagram and define the different parameters used in session and connection states.	1
b.	List different types of threats and consequence when using the web. Also countermeasures to be taken.	1

4. Attempt any one part of the following:

7 x 1 = 7

Qno.	Question	CO
a.	What do you mean by software piracy? Explain.	2
b.	Explain the term Internet Infringement with proper example.	2

5. Attempt any one part of the following:

7 x 1 = 7

Qno.	Question	CO
a.	Explain the term copyright act and patent law.	3
b.	What is Digital Signature? Where is it used?	3

6. Attempt any one part of the following:

7 x 1 = 7

Qno.	Question	CO
a.	What is security policy? What is the purpose behind it?	4
b.	Explain the Role of Government in regulating the Internet Censorship.	4

7. Attempt any one part of the following:

7 x 1 = 7

Qno.	Question	CO
a.	Explain Justice Dispensation system for Cyber Crimes.	5
b.	Explain the liability aspect of the Internet Service Provider as per the Information Technology Act 2000.	5