PAPER ID-311222

Roll No: [ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ]

BTECH
(SEM III) THEORY EXAMINATION 2023-24
CYBER SECURITY

TIME: 3HRS
M.MARKS: 70

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

SECTION A

1. Attempt all questions in brief.

Q no.	Question	Marks
a.	Define Cyber Crime.	
b.	What is Bot net.	2
c.	Why mobile needs security?	2
d.	Define Authentication and Authorization.	2
e.	What is virus and worms.	2
f.	Explain digital evidence?	2
g.	Why cyber is needed?	2
		2

SECTION B

2. Attempt any *three* of the following:

a.	Explain how the term 'cybercrime' originated. State few Cyber Crimes.	7
b.	Explain wireless devices with example. What are the security challenges faced by wireless devices?	7
c.	Explain 7 Tools used in Cyber Crime.	7
d.	Explain Digital forensics life cycle.	7
e.	What is the need of Information Security policy?	7

SECTION C

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

a.	Who are Cyber Criminals? Classify Cybercrimes.	7
b.	What is the fuel for cybercrime. How may a criminal plan cybercrime?	7

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

a.	Explain the security measures and policies taken for mobile devices.	7
b.	State some attacks on Mobile devices. What are the security implications for organizations.	7

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

a.	What is Identity Theft. How it is done and how ID Theft can be handled?	7
b.	What is steganography. Explain in detail.	7

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

a.	What is Email. Explain how Email forensics can be done.	7
b.	What are privacy threats? What are the challenges faced?	7

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

a.	What is Cyber Law. State a few Cyber law in India.	7
b.	Give a Overview of Intellectual Property related Legislation in India.	7