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# SHAMBHUNATH INSTITUTE OF ENGINEERING AND TECHNOLOGY

Subject Code: BCC-401

Course: B. Tech

Subject: Cyber Security

SEMESTER: IV

SECOND SESSIONAL EXAMINATION, EVEN-SEMESTER, (2023-2024)

Branch: Computer Science & Engineering

Time -2hrs

Maximum Marks -45

1. Attempt any five questions.

Q N	QUESTION	Marks	CO	BL
a.	Differentiate between Virus & Worms.	2	CO3	L1
b.	What is Phishing Attack?	2	CO3	L1
c.	What is Keylogger?	2	CO3	L2
d.	Define Term buffer Overflow.	2	CO3	L1
e.	Discuss different types of attacks on Wireless Networks.	2	CO3	L2
f.	What is SQL Injection?	2	CO3	L1

2. Attempt any *one* of the following.

Q N	QUESTION	Marks	CO	BL
a.	What is Steganography? Discuss different types of Steganography.	5	CO3	L2
b.	What are Proxy Servers and Anonymizers? Discuss different type of Types of Proxy Server.	5	CO3	L2
c.	How to Defend Against Password Cracking attack? Discuss some common password attack methods.	5	CO3	L3

3. Attempt any five questions.

Q N	QUESTION	Marks	CO	BL
a.	What is Computer Forensic?	2	CO4	L1
b.	Discuss Types of Computers Forensics.	2	CO4	L2
c.	Discuss about Computers Forensic services.	2	CO4	L1

d.	Explain term Email Forensic.	2	CO4	L1
e.	Define Process of digital Forensics.	2	CO4	L1
f.	Discuss Types of Social Media crimes.	2	CO4	L2

4. Attempt any one of the following.

a.	Discuss Digital Forensics Life Cycle.	5	CO4	L2
b.	Explain the processes involved in Network forensics. Also discuss challenges faced in network forensics.	5	CO4	L2
c.	What is Digital Evidence? Explain the process involved in digital evidence collection.	5	CO4	L1

5. Attempt any five questions.

Q N	QUESTION	Marks	CO	BL
a.	What is E-Governance?	2	CO5	L1
b.	What is Patent Law?	2	CO5	L1
c.	What is Copyright Law?	2	CO5	L1
d.	Define term cyber law.	2	CO5	L1
e.	Explain Digital Personal Data Protection Act 2023.	2	CO5	L1
f.	What is Digital Signature?	2	CO5	L1

6. Attempt any one of the following.

Q N	QUESTION	Marks	CO	BL
a.	What is IT Act 2000? Discuss the rules notified under the Information Technology Act, 2000.	5	CO5	L2
b.	What do you understand by Indian Cyber Law? Discuss the Need for cyber law in India.	5	CO5	L2
c.	What is Intellectual Property? Discuss types of Intellectual Property.	5	CO5	L1