

Course	: BCA	Date	: 23-Feb-26
Subject Code	: BCAIN-304	Time	: 11:30am to 01:45pm
Subject Name	: cyber security	Duration	: 02.15 Hours
		Max. Marks	: 70

Answer the following (Attempt any three) (30)

- Answer the following (Attempt any four)** **(20)**

- Part – A (Multiple Choice Questions) (10)**

- Which of the following is an example of an attack vector?
A malware
B Firewall
C open port
D Encryptions
- APT attacks are usually:
A Short term
B Random
C Accidental
D Long-term and targeted

- 3 Which firewall works by inspecting packets?
A Proxy firewall
B Packet Filtering Firewall
C Application Firewall
D Stateful Firewall
- 4 Which tool is commonly used for web vulnerability scanning?
A Nmap
B Wireshark
C Burp Suite
D Metasploit
- 5 Which wireless attack forces users to disconnect from a network?
A Evil Twin
B Deauthentication
C Packet Sniffing
D Spoofing
- 6 Which tool is used for brute-force password attacks?
A John the Ripper
B Nessus
C Snort
D Tcpdump
- 7 Which type of web attack targets databases?
A . XSS
B CSRF
C SQL injection
D Phishing
- 8 Cyber-crimes are primarily committed using:
A Hardware
B software
C Printer
D Internet
- 9 Which Indian law deals with cyber-crime?
A IPC
B IT Act 2000
C RTI Act
D Copyright Act
- 10 Intellectual Property Rights in cyberspace mainly protect:
A Hardware
B Networks
C Software and digital content
D Bandwidth

Part – B (Do as Directed)

(10)

- 1 Define attack vector.
- 2 What is vulnerability?
- 3 Expand APT.
- 4 Name any one cyber security framework.
- 5 What is packet filtering?
- 6 Define brute-force attack.
- 7 Name one web attack.
- 8 What is cyber-crime?
- 9 Expand IT Act.
- 10 What is Intellectual Property?
