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BCA 4th Semester: Even Semester Examination 2023

Paper Name: CYBER CRIMES & CYBER LAWS **Paper Code: BCA OE413**
Time: 3 Hours **Maximum Marks: 75**

Follow proper numbering for answering the questions. Draw suitable diagram wherever required.

Section- A (Attempt ALL) : 35M

S. No	Questions	M. M.	C.O.	Bloom Level
1.	In which of these a person is continually chased/followed by another person or a group of various people? a. Identity theft b. Stalking c. Bullying d. Phishing	1	CO2	L1, L2, L3
2.	Which of these is an antivirus program type? a. Kaspersky b. Quick heal c. McAfee d. All of the above	1	CO2	L1, L2, L3
3.	A _____ can be a hardware device or a software program that filters all the packets of data that comes through a network, the internet, etc. a. Firewall b. Antivirus c. Malware d. Cookies	1	CO1	L1, L2, L3
4.	Which of these is NOT involved in the CIA Triad? a. Confidentiality b. Availability c. Integrity d. Authenticity	1	CO1	L1, L2, L3
5.	Which of these would refer to the exploration of the apt, ethical behaviours that are related to the digital media platform and online environment? a. Cybersecurity b. Cybersafety c. Cyberethics d. Cyber law	1	CO3	L1, L2, L3
6.	Junk E-mail is also called a. Spam b. Spoof c. Sniffer script d. Spool	1	CO4	L1, L2, L3
7.	A person who uses his or her expertise to gain access to other people computers to get information illegally or do damage is a a. Spammer b. Hacker c. Instant messenger d. None of these	1	CO1	L1, L2, L3
8.	Which of the below is an internet fraud in which a consumer is digitally persuaded to reveal personal data by cybercriminals? a. MiTM attack b. Phishing attack c. Website attack d. DoS attack	1	CO1	L1, L2, L3
9.	Which of the below implemented is not a good means of safeguarding privacy? a. Biometric verificationb. ID and password-based verification c. 2-factor authentication d. switching off the phone	1	CO1	L1, L2, L3
10.	A..... is anything that can cause harm. a. Vulnerability b. Phishing c. Threat d. Security	1	CO1	L1, L2, L3
11.	Active Attacks are difficult to detect. (True/False)	1	CO1	L1, L2, L3
12.	In Symmetric key cryptography, each user has a pair of keys. (True/False)	1	CO3	L1, L2, L3
13.	Confidentiality means no modification to data or information. (True/False)	1	CO3	L1, L2, L3
14.	One should keep easy password so that he can remember them easily. (True/False)	1	CO2	L1, L2, L3
15.	We should not use VPNs to download movies, songs or large files. (True/False)	1	CO2	L1, L2, L3

16.	_____ means everything that has been published, presented or otherwise disclosed to the public on the date of patent.	2	CO4	L1, L2, L3
17.	_____ is the mere discovery of a scientific principle or formulation of an abstract theory.	2	CO4	L1, L2, L3
18.	The term of every patent in India is _____ from the date of filing the patent application.	2	CO4	L1, L2, L3
19.	_____ is any illegal act where a special knowledge of computer technology is essential for its perpetration, investigation or prosecution.	2	CO2	L1, L2, L3
20.	_____ is the use of the Internet to hinder the normal functioning of a computer system through the introduction of worms, viruses or logic bombs.	2	CO1	L1, L2, L3
21.	_____ is the "technique to influence" and "persuasion to deceive" people to obtain the information or perform some action.	2	CO2	L1, L2, L3
22.	_____is a self-replicating malware computer program which uses a computer network to send copies of itself to other nodes (computers on the network) and it may do so without any user intervention.	2	CO2	L1, L2, L3
23.	_____ is type of e-mail scam that steals your identity.	2	CO2	L1, L2, L3
24.	The Indian IT Act is published in the year _____	2	CO3	L1, L2, L3
25.	_____ can be used for non-repudiation.	2	CO5	L1, L2, L3

Section-B (Answer any 4 out of 5) 4* 5M=20M

S. No	Question	M. M.	C.O.	Bloom Level
1.	Differentiate between Active Attacks and Passive Attacks with example.	5	CO1	L3
2.	What is Hacking? What are its different types?	5	CO3	L2
3.	What are the stages involved in Forensic Analysis? Briefly explain.	5	CO2	L3
4.	What is Digital Rights Management?	5	CO2	L1
5.	Explain (in one sentence): a) Security b) Vulnerability c) Firewall d) Malware e) Social Engineering Attack	5	CO1	L1

Section-C (Answer any 2 out of 4) 2* 10M=20M

S. No	Question	M. M.	C.O.	Bloom Level
1.	Explain Security objectives with example and name security mechanisms to achieve the security objectives.	10	CO1	L4
2.	What is Intelletual Propoerty? Briefly explain different types with example.	10	CO4	L2
3.	What is cryptography? Differentiate between Symmetric Key and Asymmetric Key Cryptography with diagram.	10	CO3	L5
4.	Explain in detail (any two): a) Patents b) IT Act c) Digital Forensic	10	CO4	L1

Bloom's Taxonomy L1 Remembering, L2 Understanding, L3 Applying, L4 Analyzing, L5 Evaluating, L6 Creating