

**UCCC & SPBCBA & SDHGC OF BCA & IT**

**SEC-3 INFORMATION PROTECTION USING CYBER SECURITY**

Sr. No	Question	Option1	Option2	Option3	Option4
1	Why encryption is important?	Privacy	Security	Data integrity	All of the Mentioned
2	Which type of XSS attack occurs when the attacker injects malicious scripts that are then executed by other users?	Stored XSS	Reflected XSS	DOM-based XSS	Blind XSS
3	Which security device can segregate network traffic into separate VLANs?	Switch	Router	firewall	Hub
4	Which one of the following usually used in the process of Wi-Fi-hacking?	Aircrack-ng	Wireshark	Norton	All of the mentioned
5	Which of the following usually observe each activity on the internet of the victim, gather all information in the background, and send it to someone else?	Malware	Spyware	Adware	All of the mentioned
6	Which of the following refers to exploring the appropriate, ethical behaviors related to the online environment and digital media platform?	Cyber Low	Cyberethics	Cybersecurity	Cybersafety
7	Which of the following is the strongest password?	Bee@120\$83*	1qaz2wsx	abc123	starwars
8	Which of the following is not an email related crime?	Email Spoofing	Email Spamming	Email Bombing	Email proofing
9	Which of the following is not a common approach to phishing?	Send an official looking email asking for confidential information	Ask people to fill out and return a fake letter using postal mail	Ask people to click a link in an email to open a submission form on a web page	All of the mentioned are uncommon approaches to phishing
10	Which of the following is FALSE about the type of SQL Injection attack?	Install malicious program	Export valuable data	Get user login detail	None of the Mentioned
11	Which of the following is not a type of Switches?	MAN Switch	Unmanaged Switch	LAN Switch	Managed Switch
12	Which of the following is not a type of HUB?	intelligent	Active	relative	Passive
13	Which of the following can be considered as the elements of cyber security?	Application Security	Operational Security	Network Security	All of the mentioned
14	Which month is considered or recognized as Cyber Security Month?	September	October	November	December
15	Which device is primarily used to control the flow of traffic between different security domains?	Switch	Router	firewall	hub
16	Which device can connect multiple LANs.	Hub	Router	Switch	Repeater
17	When was the first computer virus created?	1970	1971	1972	1969
18	What is the purpose of two-factor authentication (2FA)?	To use two different passwords	To provide a second layer of security	To simplify login procedures	To prevent login entirely
19	What is the primary concern when it comes to personal devices and cyber protection?	Hardware compatibility	Data storage capacity	Security and privacy	Battery life
20	What is the meaning of C in CIA?	Confidentiality	Communication	Connection	Cyber
21	What is the full form of XSS in Cyber Security?	Cross Site Scripting	Cross Stamp Scripting	Cross Site Sampling	Common Site Scripting
22	Unsolicited email is called what?	Junk mail	Spam	Extra mail	None
23	The most common security threat is _____	Phishing attacks	Money thefts	Data misuse	All
24	The information that gets transformed in encryption is _____	Plain Text	Parallel Text	Encrypted Text	Decrypted text
25	The encryption techniques are primarily used for improving the _____.	Performance	Reliability	Longevity	Security
26	Switch operates in which layers of OSI model?	Physical layer	Data link layer	network	Transport
27	Part of the social media sites are the various games & 3rd party applications which help _____ to get access to your data.	Ethical hackers	Penetration testers	Security auditors	Cyber-criminals
28	It can be a software program or a hardware device that filters all data packets coming through the internet, a network, etc. it is known as the _____.	Antivirus	Firewall	Cookies	Malware
29	is the process of communicating confidential information in an unreadable format between legitimate users?	Cryptography	Symmetry	Asymmetry	All of the Mentioned
30	In which of the following, a person is constantly followed/chased by another person or group of several people?	Phishing	Bullying	Stalking	Identity theft
31	In which of the following Email Attack, millions of Emails send to victim?	Email Spoofing	Email Spamming	Email Bombing	All of the Mentioned
32	In which of the following attack, the attacker uses a single internet connection to barrage a target with fake requests or to try and exploit a cybersecurity vulnerability?	Phishing attack	Spamming attack	Data attack	DoS attack
33	In cyber law terminology 'DoS' means:	Denial of Service	Disc operating System	Distant operator Service	None
34	In Cryptography what is a "key"?	A Password	A codebook	A value used in encryption and decryption	A digital certificate
35	In a bot attack, a bot is generally _____.	Solicited user	Authorized user	Fake user	All of the Mentioned

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36	Identify the type of symmetric key algorithm which uses a streaming cipher to encrypt information.	SHA	MD5	RC4	Blowfish
37	Firewall, IDS and VPN are examples of _____ security.	Personal	Network	Software	None of the Mentioned
38	Encryption, Access controls, Data classification, and Data loss prevention (DLP) measures are examples of _____ security.	Image/Voice	Network	Information or Data	None of the Mentioned
39	DDoS stands for _____	Direct Distribution of Server	Distributed Denial of Service	Direct Distribution of Service	Distributed Denial of Service
40	Creeper was the first _____.	Computer Network	Computer Virus	Computer Port	Computer System
41	Basically Trojan does _____.	Only steal data	Control computer, stealing	Insert Malware	None of the Mentioned
42	Asymmetric encryption uses a _____ key for the encryption and decryption process.	Any	Null	Same	Different
43	Activate _____ when you're required it to use, otherwise turn it off for security purpose.	Flash Light	Bluetooth	Rotation	All of the Mentioned
44	Act of attempting to acquire information such as usernames, passwords, and credit card details by masquerading as a trustworthy entity is called	email bombing	Spamming	Cyber stalking	Phishing
45	A SYN flood is an example of a _____ attack.	Server	Client	data	Protocol
46	_____ is the process of superimposing a logo or piece of text atop a document or image file.	Cryptography	Watermarking	Secrecy	Methodology
47	_____ is the process of transforming data into an unreadable code.	Copyright	Trademark	Encryption	Information Security
48	_____ is the practice and precautions taken to protect valuable information from unauthorised access, recording, disclosure or destruction.	Information Security	Network Security	Database Security	Physical Security
49	_____ are examples of cloud service providers.	AWS	Azure	Google Cloud	All of the Mentioned
50	"Keep all software and systems up to date" is one of the way to protect our computer system from _____.	One-day vulnerability	Zero-day vulnerability	All-day vulnerability	Same-day vulnerability



