

Questions and Answers:

Q. Question-1 Which of the following is a type of malware that can encrypt files and demand a ransom for decryption? a) Virus b) Worm c) Trojan d) Ransomware

A. b

Q. Question-2 What is the term for a malicious software that self-replicates and spreads through a network? a) Virus b) Worm c) Trojan d) Botnet

A. c

Q. Question-3 Which of the following is a type of authentication that uses a physical device, such as a smart card or USB token? a) Single-factor authentication b) Two-factor authentication c) Multi-factor authentication d) Biometric authentication

A. d

Q. Question-4 What is the process of hiding and disguising network traffic to make it appear legitimate? a) Encryption b) Steganography c) Spoofing d) Phishing

A. e

Q. Question-5 Which of the following is a common technique used in phishing attacks? a) Sending emails that appear to be from legitimate organizations b) Using social engineering to trick users into providing personal information c) Malware-laden websites d) All of the above

A. f

Q. Question-6 What is the term for a software tool that monitors and manages security events and alerts? a) Intrusion detection system b) Antivirus software c) Firewall d) Virtual private network

A. g

Q. Question-7 Which of the following is a cloud-based security service that helps protect against distributed denial-of-service (DDoS) attacks? a) Web application firewall b) Intrusion prevention system c) Cloud DDoS protection d) Endpoint security

A. h

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Q. Question-8 What is the process of assessing the vulnerabilities and risks of a computer system? a) Risk assessment b) Vulnerability scanning c) Penetration testing d) Ethical hacking

A. i

Q. Question-9 Which of the following is a type of security control that prevents unauthorized access to a system? a) Firewall b) Access control list c) Intrusion detection system d) Antivirus software

A. b

Q. Question-10 What is the principle that states that an individual should only have access to the information they need to perform their job? a) Least privilege b) Separation of duties c) Role-based access control d) Zero trust

A. k

