

SECURITY IN COMPUTING

SEMESTER VI

MOCK TEST PAPER

1. Which of the following is not a layer of security?
 - a. Physical Security
 - b. Intermediate Security
 - c. Operations Security
 - d. Network Security
2. VPN stands for _____
 - a. Visual Private Network
 - b. Visual Private Networking
 - c. Virtual Private Network
 - d. Virtual Private Networking
3. Which of the following is not a benefit of Security Program?
 - a. Business Agility
 - b. Cost Reduction
 - c. Portability
 - d. Frees RAM
4. Firewalls, network access control, spam and malware filtering are _____ types of controls
 - a. Defensive
 - b. Detective
 - c. Deterrent
 - d. Managerial
5. Which of the following is not a type of detective control?
 - a. Surveillance camera
 - b. Web content filtering
 - c. Motion sensors

- d. Car alarm systems
6. From below which of the following is not a property of “Public key encryption Scheme”-
- i. Different keys are used for encryption and decryption
 - ii. Receiver needs to publish an encryption key referred to as his private key
 - iii. Each sender possesses a unique decryption key generally known as public key
- a. i. and ii.
 - b. i. and iii.
 - c. ii. only
 - d. ii. and iii.
7. NAS can be accessed by most of the computers and other devices on the network, while SAN is typically used by servers.
- a. False
 - b. True
8. _____ is an attempt to trick the victim into disclosing personal information
- a. Hijacking
 - b. Theft
 - c. Phishing
 - d. Packet sniffing
9. The HTTP cookies used to maintain a session on a website is stolen by attacker and now attacker is using it to gain access to privileged information posing as a genuine user.
- What type of attack is this?
- a. Hijacking
 - b. Theft
 - c. Phishing
 - d. Packet sniffing
10. A _____ type of attack is an attempt to make a computer resource unavailable to its intended users.

- a. Application failure
 - b. Outage
 - c. Denial of Service
 - d. Backup failure
11. _____ is any unexpected downtime or unreachability of a computer system or network
- a. Application failure
 - b. Outage
 - c. Denial of Service
 - d. Backup failure
12. _____ is a network not available to outside world, only those who are granted can access network for sharing and viewing purpose
- a. Extranet
 - b. Intranet
 - c. Internet
 - d. PBX
13. In DMZ configuration the _____ layer consists web server that interacts with end users whereas the _____ layer contains logic necessary for processing those queries and extracting the data that is stored in DB.
- a. Presentation, session
 - b. Session, presentation
 - c. Application, presentation
 - d. Presentation, application
14. Media Access Control (MAC) is also known as _____, _____
- a. Internet Address
 - b. Software Address
 - c. Physical Address
 - d. Network Address
15. _____ is one of the most effective and hard-to-defend attack technique.

- a. Hijacking
- b. Packet Sniffing
- c. ARP Poisoning
- d. Data Theft

16. IDS and _____ are important tools in a computer security arsenal.

- a. Network-based Intrusion Detection System
- b. Host-based Intrusion Detection System
- c. Intrusion Prevention System
- d. Security Information and Event Management

17. TEM stands for _____

- a. Telecom Expense Management
- b. Time Exchange Management
- c. Telecommunication Export Management
- d. Time Export Management

18. Virtual machine can be run simultaneously on the same _____

- a. Physical computer
- b. Operating system
- c. Hardware system
- d. Cloud computing

19. For a server, the multiple OS run side-by-side with a piece of software called as _____

- a. Supervisor
- b. Biometric
- c. Hypervisor

20. Cloud computing uses various services such as _____

- a. Software development platform
- b. Server, storage
- c. Business applications
- d. Both a and b

