



12. Which of the following is a characteristic of a mesh topology?
- All devices are connected to a central hub
  - Each device is directly connected to every other device
  - Only one central cable is used
  - It is inexpensive to set up
13. Which type of network is confined to a single geographic location such as an office or building?
- MAN (Metropolitan Area Network)
  - LAN (Local Area Network)
  - WAN (Wide Area Network)
  - WLAN (Wireless Local Area Network)
14. What is the primary purpose of a computer network?
- To allow computers to work independently
  - To enable the sharing of data and resources between computers
  - To speed up computer processing
  - To increase computer storage
15. Which of the following is a key characteristic of malware?
- It improves computer performance
  - It is used for protection against viruses
  - It speeds up network connections
  - It is harmful software designed to damage or disrupt a computer system
16. Which of the following can be used to protect personal data from identity theft?
- Using strong, unique passwords
  - Sharing your passwords with trusted individuals
  - Keeping your personal details in an unsecured location
  - Disabling firewalls on your devices
17. What is the main function of a firewall in computer security?
- Cools down the computer
  - Blocks physical access to a computer
  - Protects a network from unauthorized access
  - Increases internet speed
18. Which of the following best describes Cloud Computing?
- Using physical servers located in a single location for computing tasks
  - Storing and accessing data over the internet instead of a local computer
  - Computing using solar-powered devices
  - Storing data only in physical hard drives
19. What does the 'Veracity' in Big Data refer to?
- The volume of data collected
  - The accuracy, consistency, and trustworthiness of the data
  - The speed of data processing.
  - The cost of data storage
20. Which of the following is **NOT** a typical use case of IoT?
- Smart home automation
  - Tracking fitness data via wearable devices
  - Sending emails from a server
  - Monitoring traffic conditions with connected devices