

#1. Which network device is used to amplify and regenerate data signals in order to extend the range of a network?

☐

Repeater

☐

Switch

☐

Router

☐

Hub

☐

Modem

#2. What is the primary purpose of an email client program?

☐

To send, receive, and manage email messages

☐

To encrypt data for secure transmission

☐

To filter incoming emails

☐

To convert analog signals to digital

☐

To manage printer settings

#3. Which type of network is typically used for connecting devices within a home or office environment?

☐

LAN (Local Area Network)

☐

WAN (Wide Area Network)

☐

MAN (Metropolitan Area Network)

☐

WLAN (Wireless Local Area Network)

☐

PAN (Personal Area Network)

#4. What is the main purpose of a firewall in a computer network?

☐

To protect against unauthorized access and malicious activity

☐

To enhance download speed

☐

To store files in the cloud

☐

To convert analog signals to digital

☐

To print documents

#5. Which protocol is used for secure remote login and file transfer over a network?

☐

SSH (Secure Shell)

☐

FTPS (File Transfer Protocol Secure)

☐

HTTP

☐

SMTP

☐

POP

#6. What is the purpose of a MAC address in networking?

☐

It is a unique identifier for a network interface card

☐

It encrypts data for secure transmission

☐

It filters incoming emails

☐

It converts analog signals to digital

☐

It manages printer settings

#7. What is the main function of a DNS cache in a computer system?

☐

It stores recently accessed DNS records to speed up future lookups

☐

It encrypts data for secure transmission

☐

It filters incoming emails

☐

It converts analog signals to digital

☐

It manages printer settings

#8. In a network, what does the term “bandwidth” refer to?

☐

The maximum data transfer rate of a network connection

☐

The physical width of a network cable

☐

The distance between devices on a network

☐

The number of devices connected to a network

☐

The speed of data transmission on a network

#9. Which wireless encryption protocol is considered the most secure as of 2022?

☐

WPA3

☐

WEP

☐

WPA2

☐

WPA

☐

None of the above

#10. What is the purpose of a subnet in a computer network?

☐

It divides a large network into smaller, more manageable segments

☐

It encrypts data for secure transmission

☐

It filters incoming emails

☐

It converts analog signals to digital

☐

It manages printer settings

#11. Which protocol is used for secure remote access to a network using a Virtual Private Network (VPN)?

☐

OpenVPN

☐

PPTP

☐

L2TP/IPsec

☐

SSL/TLS VPN

☐

IPsec VPN

#12. What is the purpose of a proxy server in a network?

☐

It acts as an intermediary between clients and servers, forwarding requests and responses

☐

It encrypts data for secure transmission

☐

It filters incoming emails

☐

It converts analog signals to digital

☐

It manages printer settings

#13. What is the function of a repeater in a network?

☐

It amplifies and regenerates data signals to extend the range of a network

☐

It encrypts data for secure transmission

☐

It filters incoming emails

☐

It converts analog signals to digital

☐

It manages printer settings

#14. What is the purpose of ICMP (Internet Control Message Protocol) in a computer network?

☐

It is used for error reporting and diagnostics in IP networks

☐

It encrypts data for secure transmission

☐

It filters incoming emails

☐

It converts analog signals to digital

☐

It manages printer settings

#15. Which type of cable is commonly used for Ethernet networking and can support high-speed data transmission?

☐

Cat 5e

☐

Coaxial

☐

Fiber optic

☐

USB

☐

HDMI

#16. What is the primary function of a router in a computer network?

☐

To forward data packets between different networks

☐

To encrypt data for secure transmission

☐

To filter incoming emails

☐

To convert analog signals to digital

☐

To manage printer settings

#17. Which network device is used to connect multiple networks together and make decisions about where to send data packets?

☐

Router

☐

Switch

☐

Hub

☐

Modem

☐

Firewall

#18. Which protocol is used for transferring files over a secure connection (encrypted) on a network?

☐

SFTP (SSH File Transfer Protocol)

☐

FTPS (File Transfer Protocol Secure)

☐

TFTP (Trivial File Transfer Protocol)

☐

HTTP

☐

SMTP

#19. What is the purpose of VLAN (Virtual LAN) in networking?

☐

It allows logical segmentation of a network, even if devices are physically located on the same network switch

☐

It encrypts data for secure transmission

☐

It filters incoming emails

☐

It converts analog signals to digital

☐

It manages printer settings

#20. What is the main purpose of a DNS cache in a computer system?

☐

It stores recently accessed DNS records to speed up future lookups

☐

It encrypts data for secure transmission

☐

It filters incoming emails

☐

It converts analog signals to digital

☐

It manages printer settings

Next

Results





