1. What is the main purpose of the Windows Registry?

a. To manage file storage

b. To store system and application settings

c. To enhance graphics performance

d. To manage network connections

2. What is the purpose of the Task Manager in Windows?

a. To uninstall software

b. To manage running processes and system performance

c. To create system backups

d. To manage user accounts

3. Which command is used to check the integrity of system files in Windows?

a. chkdsk

b. sfc /scannow

c. ipconfig

d. netstat

4. What does BSOD stand for?

a. Basic System Operating Device

b. Blue Screen of Death

c. Binary System Operation Data

d. Basic Screen of Display

5. What is the main purpose of a hypervisor?

a. To manage network connections

b. To run virtual machines

c. To store data

d. To enhance system security

6. Which of the following is a macOS file system?

a. NTFS

b. ext4

c. HFS+

d. FAT32

7. What is the function of Active Directory in a Windows network?

a. To manage printer settings

b. To provide a centralized directory service for user authentication and authorization

c. To enhance internet speed
d. To store application data

8. What does UEFI stand for?
a. Universal Extensible Firmware Interface
b. Unified Extensible Firmware Interface
c. Universal Enterprise Firmware Interface
d. Unified Enterprise Firmware Interface

9. What is the purpose of the Linux command 'chmod'?
a. To change file permissions
b. To copy files
c. To delete files
d. To move files

10. Which tool can be used to partition a hard drive in Windows?
a. Task Manager
b. Disk Management
c. Device Manager
d. Control Panel

11. What is a common use for the 'ping' command?
a. To test network connectivity
b. To configure network settings
c. To transfer files
d. To manage system processes

12. What is the main function of a DNS server?
a. To manage email traffic
b. To resolve domain names to IP addresses
c. To store website content
d. To enhance internet speed

13. What does BYOD stand for in a corporate environment?
a. Bring Your Own Device
b. Build Your Own Database
c. Bring Your Own Data
d. Build Your Own Device

14. What is the primary purpose of patch management?
a. To upgrade hardware components
b. To install software updates and security fixes
c. To create user accounts
d. To manage network settings

15. Which of the following is a method for securing wireless networks?
a. Using WEP encryption
b. Disabling SSID broadcast
c. Enabling DHCP
d. Increasing bandwidth

16. What is the purpose of a VPN?
a. To connect to the internet
b. To create a secure, encrypted connection over a less secure network
c. To manage file storage
d. To enhance graphics performance

17. What is the primary function of an intrusion detection system (IDS)?
a. To block unauthorized access to a network
b. To detect and alert on potential security breaches
c. To manage user accounts
d. To enhance system performance

18. What is the command used to display the current directory in Linux?
a. ls
b. pwd
c. cd
d. mkdir

19. What is the purpose of the 'netstat' command?
a. To display network connections and statistics
b. To test network connectivity
c. To configure network settings
d. To transfer files

20. What is a key benefit of using cloud computing?
a. Enhanced graphics performance
b. Scalability and flexibility of resources
c. Improved battery life
d. Faster internet speed