

NETWORK ADMINISTRATION USING MICROSOFT (310)

REGIONAL – 2019

TOTAL POINTS _____ *(500 points)*

Failure to adhere to any of the following rules will result in disqualification:

- 1. Contestant must hand in this test booklet and all printouts. Failure to do so will result in disqualification.**
- 2. No equipment, supplies, or materials other than those specified for this event are allowed in the testing area. No previous BPA tests and/or sample tests or facsimile (handwritten, photocopied, or keyed) are allowed in the testing area.**
- 3. Electronic devices will be monitored according to ACT standards.**

No more than sixty (60) minutes testing time

Property of Business Professionals of America.
May be reproduced only for use in the Business Professionals of America
Workplace Skills Assessment Program competition.

MULTIPLE CHOICE

Identify the letter of the choice that best completes the statement or answers the question. Mark A if the statement is True. Mark B if the statement is False.

1. ____ by a file system means that it tracks changes to files and keeps a record of these changes in a separate log file.
 - a. Auditing
 - b. Versioning
 - c. Snapshot tracking
 - d. Journaling

2. A ____ enables you to create one file and then establish links to that file in other folders, as though the file is in all of the folders.
 - a. soft link
 - b. shortcut link
 - c. hard link
 - d. permanent link

3. One ____ is a license for one workstation to access the server.
 - a. EAL
 - b. CAL
 - c. WAL
 - d. PPL

4. A ____ is a set of unique identification information that is typically put at the end of a file, or that is associated with a computer communication.
 - a. public key
 - b. digital signature
 - c. hash
 - d. digital certificate

5. The ____ role is central to implementing Active Directory and creating one or more domains.
 - a. Active Directory Certificate Services
 - b. Active Directory Management Services
 - c. Active Directory Domain Services
 - d. Active Directory Listing Services

6. Lightweight Directory Access Protocol (LDAP) is used to look up information from the server. E-mail and databases often use LDAP.
 - a. True
 - b. False

7. ____ are directories on one or more computers that users on other computers can access through the network.
 - a. Shared directories
 - b. Merged directories
 - c. Quorum directories
 - d. Catalog directories

8. ____ is a TCP/IP application protocol that transfers files in bulk data streams and is commonly used on the Internet.
 - a. SMTP
 - b. SMB
 - c. CIFS
 - d. FTP

9. ____ is a protocol in the TCP/IP suite of protocols that is used to transport document and other data transmissions over networks and the Internet for access by Web browsers.
 - a. SMTP
 - b. FTP
 - c. HTTP
 - d. ICMP

10. ____ are designed to correct things such as security issues as well as problems affecting stability, performance, or the operation of features included with the operating system.
 - a. Service updates
 - b. Hotfixes
 - c. Service packs
 - d. Service upgrades

11. The ____ role focuses on sharing files from the server or using the server to coordinate and simplify file sharing through Distributed File System (DFS).
 - a. Print Services
 - b. File Services
 - c. WDS
 - d. Directory Services

12. The ability to automatically detect and configure newly installed hardware devices, such as a disk or tape drive is called _____.
 - a. Plug and Play
 - b. DHCP
 - c. dynamic configuration
 - d. automatic configuration

13. Windows Server 2008 offers the ____ to scan system files for integrity.
 - a. System Compatibility Checker
 - b. System Integrity Checker
 - c. System File Checker
 - d. System Configuration Checker

14. When programs are running on the server, ____ monitors how they use memory to ensure they are *not* causing memory problems.
 - a. virtual memory cache monitor
 - b. DEP
 - c. memory verification
 - d. processor scheduling

15. To use the Windows Server Backup tool that comes with Windows Server 2008, you need to install it using _____.
 - a. Server Manager
 - b. Disk Manager
 - c. Computer Manager
 - d. System Manager

16. Disk mirroring involves creating a shadow copy of data on a backup disk and is RAID level _____.
 - a. 0
 - b. 1
 - c. 2
 - d. 5

17. _____ is the ability of a system to gracefully recover from hardware or software failure.
 - a. Risk tolerance
 - b. High availability
 - c. Fault tolerance
 - d. Network load balancing

18. The _____ tool allows you to scan your disk for bad sectors and file system errors.
 - a. Disk Utility
 - b. Disk Check
 - c. Device Manager
 - d. Volume Manager

19. A _____ is a server folder that is associated with a user's account and that is a designated workspace for the user to store files.
 - a. primary folder
 - b. profile directory
 - c. personal directory
 - d. home directory

20. A _____ is one that appears as a folder and is accessed through a path like any other folder.
 - a. mounted folder
 - b. mounted drive
 - c. dynamic folder
 - d. linked folder

21. You can pause, resume, restart, or view the properties of one or more documents in the _____ of a printer.
 - a. print order
 - b. print file
 - c. print stack
 - d. print queue

22. A _____ is one that has special firmware or cartridges to print using a page-description language (PDL).
 - a. RAW printer
 - b. PostScript printer
 - c. Script printer
 - d. XPS printer

23. In the ____ data type, the print processor checks the print file for a form feed as the last character set, before appending a form feed at the end.
- enhanced metafile (EMF)
 - RAW (FF appended)
 - RAW
 - RAW (FF auto)
24. Turning on network printer sharing enables printer sharing through the ____ so that shared printers appear when users view network resources.
- Windows Firewall
 - System Protection Firewall
 - Network Firewall
 - Windows Network
25. To take full advantage of Windows Server 2008 to manage shared printers for one location, install the ____ role.
- Client Services
 - Print Management
 - Print Services
 - Distribution Services
26. When attempting to access a remote computer on which your user name and password do *not* exist, what user group will you be placed in?
- Administrators
 - Guests
 - Backup Operators
 - Anonymous users
27. What key will cause the Windows Boot Manager to appear as long as it is pressed during the Windows startup process?
- F8
 - Spacebar
 - F5
 - Enter
28. If you want to be able to power up a computer remotely, what feature should you use?
- QoS
 - RDP
 - RemoteApp
 - Wake-on LAN
29. When working with a workgroup, what statement is accurate regarding which folders to use to hold shared data?
- private data for each user should be kept in their C:\Users folder
 - all users have access to the folders in the C:\Users folder
 - C:\Users\Public should only be used by the Guest account
 - Only Administrators and Guest have access to C:\Users\Public

30. What is the file name given to the Windows kernel?
- Kern.sys
 - Ntoskrnl.exe
 - Hal.dll
 - Winkernel.exe
31. What command can be used to manage hard drives, partitions, and volumes?
- Wpeinit
 - Bootrec
 - Bdcdedit
 - Diskpart
32. In Windows 7, what startup option can be used to restore the registry settings from the previous login?
- Last Known Good Configuration
 - System Restore
 - Debugging Mode
 - Safe Recovery
33. The Windows Server 2012 edition limited to one physical or virtual server instance and a maximum of 25 users is _____.
- Windows Server 2012 R2 Datacenter
 - Windows Server 2012 R2 Standard
 - Windows Server 2012 R2 Essentials
 - Windows Server 2012 R2 Foundation
34. The Server Core installation option in Windows Server 2012 R2 effectively removes _____.
- Network adapters
 - Virtualization capability
 - Server management
 - Graphical User Interface
35. Before you perform any upgrade procedure, you should _____.
- Delete unnecessary applications
 - Install the applications you expect to need
 - Backup the entire system
 - Install additional memory
36. What are the four parameters to set when arriving at the “Use the Following IP Address” section of the Internet Protocol Version 4 (TCP/IPv4) Properties sheet?
- IP Address, Subnet Mask, Default Gateway, and Preferred DNS Server
 - IP Address, Subnet Mask, Default Gateway, and Preferred DHCP Server
 - IP Address, Default Gateway, Default Router, and Preferred DNS Server
 - IP Address, Firewall Enable/Disabled, Default Gateway, and Preferred DNS Server
37. What is the minimum number of physical disks required to create a RAID 5 volume?
- 1
 - 2
 - 3
 - 5

38. To simplify the administration process, you should always assign permissions to ____ rather than to individuals.
- Security groups
 - Distribution groups
 - Managers
 - HR
39. Users generally do *not* understand the concept of network drive sharing. They only know they can store their files "on my F: drive" and are unaware that someone else's F: drive might point to a different folder. What do we call this concept of having a drive letter associated to a user's network folder?
- Assigning drives
 - Linking drives
 - Mapping drives
 - Clicking drives
40. The hardware that actually produces your hard-copy documents is called a _____.
- Printer
 - Print device
 - Print server
 - Print driver
41. What are the differences, physically and logically, between the two printing configurations: Network-attached Printing and Network-attached Printer Sharing?
- They are essentially the same, both logically and physically.
 - They are essentially the same logically. Physically, the printers are made available differently.
 - They are essentially the same physically. Logically, the print jobs are handled differently.
 - These two printing configurations are not alike physically, nor logically.
42. The easiest way to deploy several printers to several clients is to _____.
- Configure the needed policy in a GPO. Then link the GPO to either the users or the computers.
 - Assign the necessary rights and delegate the task to all users
 - Physically visit each computer and add the printers
 - Delegate the task to junior administrators nearest the computers to add the printers
43. What basic printer permission do you grant a user to be able to pause, resume, restart and cancel their own print jobs, as well as the print jobs of others?
- Print
 - Manage this printer
 - Manage documents
 - Manage print jobs
44. What service does Dynamic Host Configuration Protocol (DHCP) provide?
- Resolves web addresses to IP addresses
 - Resolves NetBIOS names to host names
 - Configures the IP address and other TCP/IP settings on network computers
 - Blocks unsolicited inbound traffic from entering the network perimeter

45. What is the term used by Microsoft to describe a collection of bug fixes and security updates made since an OS release?
- Service bundle
 - Service path
 - Service pack
 - Service release
46. Which of the following is a correct example of a valid UNC path?
- \\server\share\subfolder
 - \server\share\subfolder
 - \\server\$\share\subfolder
 - \\share\subfolder
47. Which of the following choices is *not* an example of a typical Windows Server post-installation task?
- Format the boot volume
 - Activate Windows
 - Assign a computer name
 - Assign a static IP address
48. What term is used to describe a single printer that represents two or more print devices?
- Printer pool
 - Priority pool
 - Print management aliasing
 - Printer clustering
49. Which permission below can be granted to a user to allow the user to execute applications or scripts?
- Read
 - List folder contents
 - Write
 - Modify
50. You have been tasked with creating a hidden shared folder for the CEO. Which one of the following would be the correct way to complete this?
- By selecting the "hidden" NTFS attribute
 - By renaming the folder to include [hidden] at the beginning of the folder name
 - By placing a \$ at the end of the share name
 - By removing the "Everyone" group from the Share permissions tab