

# NETWORK ADMINISTRATION USING MICROSOFT® (310)

## REGIONAL 2015

### Multiple Choice:

Multiple Choice (50 @ 10 points each) \_\_\_\_\_ (500 points)

***TOTAL POINTS*** \_\_\_\_\_ (500)

**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 60 minutes testing time

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*Workplace Skills Assessment Program* competition.

**Multiple Choice. Answer the following questions on the Scantron form provided. Write your contestant name along with your contestant number on the Scantron form.**

**If you finish before the end of the 60 minutes testing, notify the proctor. Time may be a factor in determining the winner in the event of a tie.**

1. A single \_\_\_\_ in Windows represents a collection of data, files, and instructions with a specific purpose while it is running.
  - a. command
  - b. process
  - c. thread
  - d. order
  
2. \_\_\_\_ systems have more than one physical CPU.
  - a. Multiprocessor
  - b. Multitasking
  - c. Hyper-Threading
  - d. Multi-Core
  
3. \_\_\_\_ CPUs have extra hardware built in to allow more than one thread to be processed at the same time on a single CPU.
  - a. Multi-Core
  - b. Multitasking
  - c. Hyper-Threading
  - d. Preemptive
  
4. \_\_\_\_ is a limited and non-GUI version of Windows based on Windows 7 technologies that can be used for installing, troubleshooting, and repairing Windows 7.
  - a. Windows PE
  - b. WAIK
  - c. USMT
  - d. ImageX
  
5. The \_\_\_\_ installation method is the least suitable method for a large volume of computers.
  - a. distribution share
  - b. image-based
  - c. local share
  - d. DVD boot
  
6. An \_\_\_\_ installation requires you to manually start and perform the installation.
  - a. automated
  - b. atomic
  - c. attended
  - d. unattended
  
7. \_\_\_\_ are software packages containing drivers, service packs, or security updates that are applied to an image during the offlineServicing configuration pass of the installation.
  - a. Configuration sets
  - b. Distribution shares
  - c. Image sets
  - d. Offline updates
  
8. \_\_\_\_ is included as part of the WAIK to create, modify, and apply workstation images.
  - a. WDF
  - b. WIF
  - c. ImageX
  - d. USMT

9. When you are using ImageX to deploy images with operating systems and applications, you must boot using \_\_\_\_ and connect to the distribution share holding the image file.
  - a. USTM
  - b. WDF
  - c. WindowsPE
  - d. APIC
10. Windows 7 requires \_\_\_\_ to manage and communicate with hardware components.
  - a. dependency devices
  - b. device drivers
  - c. signing devices
  - d. PCI
11. The \_\_\_\_ is the number of pixels that are displayed on your monitor or LCD panel. A pixel is a single dot on the screen.
  - a. color depth
  - b. color scheme
  - c. pixel depth
  - d. screen resolution
12. Each kind of object in Active Directory is defined through the \_\_\_\_, which is like a small database of information associated with that object, including the object class and its attributes.
  - a. forest
  - b. template
  - c. schema
  - d. dimension
13. A \_\_\_\_ contains one or more domains that are in a common relationship.
  - a. forest
  - b. root
  - c. tree
  - d. branch
14. A \_\_\_\_ is a TCP/IP-based concept (container) within Active Directory that is linked to IP subnets.
  - a. forest
  - b. domain
  - c. site
  - d. tree
15. In an Active Directory context in which there are multiple hierarchies of domains, trees, and forests, \_\_\_\_ provide a means to span domains and trees.
  - a. domain security groups
  - b. domain local groups
  - c. global security groups
  - d. universal security groups
16. A \_\_\_\_ is different from normal DCs in that you cannot use it to update information in Active Directory and it does not replicate to regular DCs.
  - a. Restricted Domain Controller
  - b. Limited Access Domain Controller
  - c. Read-Only Domain Controller
  - d. Replication-Limited Domain Controller
17. \_\_\_\_ disk storage provides a simple means to logically organize disk space.
  - a. Advanced
  - b. Dynamic
  - c. Basic
  - d. Smart

18. Each primary partition that is formatted with a file system can be represented in the operating system by a \_\_\_\_.
  - a. drive letter
  - b. partition table
  - c. sector
  - d. Track
19. A \_\_\_\_ allows the operating system to store and organize files on a hard disk.
  - a. sector
  - b. file system
  - c. boot sector
  - d. master boot table
20. Three different versions of FAT exist: FAT12, FAT16, and \_\_\_\_.
  - a. FAT18
  - b. FAT24
  - c. FAT32
  - d. FAT48
21. The \_\_\_\_ is the most important NTFS system file because it is a relational database that provides the starting point for accessing any file on the NTFS partition.
  - a. UDF
  - b. MFT
  - c. CDFS
  - d. AFS
22. The ACL is a collection of \_\_\_\_ that identify a specific security identifier (that is, who) can perform a given action (that is, what) to a file or folder.
  - a. Access Control Entries (ACE)
  - b. Digital Certificates
  - c. Access Entries Keys (AEK)
  - d. Digital Control Entries (DCE)
23. \_\_\_\_ NTFS permissions exist to fine-tune access and control for files and folders.
  - a. Individual
  - b. Single
  - c. Complex
  - d. Standard
24. \_\_\_\_ are required for individuals to log on to Windows 7 and use resources on the computer.
  - a. Public keys
  - b. IP addresses
  - c. User accounts
  - d. Digital certificates
25. \_\_\_\_ protects your computer from viruses and spyware that may attempt to steal your password.
  - a. Fast use switching
  - b. Secure logon
  - c. Windows Welcome
  - d. Manual logon
26. Holding down the \_\_\_\_ key during the boot process stops the automatic logon from occurring.
  - a. Shift
  - b. Ctrl
  - c. Alt
  - d. Esc
27. The \_\_\_\_ account has extremely limited access to resources and computer activities and is intended for occasional use by low-security users.
  - a. Root
  - b. Guest
  - c. Administrator
  - d. User

28. The \_\_\_\_ applet in Control Panel is a simplified interface for user management.
- a. Privileges
  - b. Permissions
  - c. User Accounts
  - d. Accounts
29. A(n) \_\_\_\_ computer is one that has outdated antivirus signatures or is missing security updates.
- a. unhealthy
  - b. healthy
  - c. safe
  - d. Authorized
30. Windows 7 includes a(n) \_\_\_\_ policy, which can be used to control many facets of Windows.
- a. NAP
  - b. Local security
  - c. EFS security
  - d. Remote
31. The local security policy is part of a larger Windows management system called \_\_\_\_, which can be implemented on a local computer, but is typically part of a domain-based network.
- a. Group Policy
  - b. Local Policy
  - c. Network Policy
  - d. Domain Policy
32. A \_\_\_\_ rule condition identifies software by file location. You can specify a single file or a folder path from which software can be run.
- a. network zone
  - b. path
  - c. hash
  - d. certificate
33. Audit \_\_\_\_ tracks when tasks are performed that require a user rights assignment, such as changing the system time.
- a. logon events
  - b. account management
  - c. privilege use
  - d. process tracking
34. Newer Windows applications use an application \_\_\_\_ to describe the structure of an application.
- a. manifest
  - b. log
  - c. record
  - d. hash
35. \_\_\_\_ requires that a printer be connected directly to a Windows 7 computer by using a parallel cable or USB cable.
- a. Local printing
  - b. Space printing
  - c. Network printing
  - d. Online printing
36. XPS uses a subset of the commands available in \_\_\_\_ to render documents.
- a. PDF
  - b. WPF
  - c. PS
  - d. PLC

37. \_\_\_\_ allows Windows 7 to use flash memory embedded directly in hard disks.
- a. Windows SuperFetch
  - b. Low-priority I/O
  - c. Windows ReadyBoost
  - d. Windows ReadyDrive
38. The \_\_\_\_ area of the Performance Monitor is used to monitor network performance and determine whether the network subsystem is a bottleneck.
- a. Network
  - b. CPU
  - c. Disk
  - d. Memory
39. \_\_\_\_ are used to process log file data and display it in a meaningful way.
- a. Counters
  - b. Data Managers
  - c. Reports
  - d. Data Collector Sets
40. The base score is determined by the \_\_\_\_ subscore.
- a. highest
  - b. lowest
  - c. median
  - d. average
41. An application's view of the operating system is restricted to those methods and services exposed by the different \_\_\_\_.
- a. environment subsystems
  - b. kernel services
  - c. executive services
  - d. environment services
42. The owner of the registry keys is usually listed as \_\_\_\_.
- a. ADMIN
  - b. OWNER
  - c. CONTROLLER
  - d. SYSTEM
43. The \_\_\_\_ is designed to make it easy for home users to adjust their legacy applications to work with Windows 7 without having to know a lot about compatibility settings.
- a. CompatAssist.exe
  - b. REGEDIT.EXE
  - c. Program Compatibility Assistant
  - d. REG.EXE
44. \_\_\_\_ is a system whereby applications modify the core functionality of the Windows operating system to obtain low level access to the operating system and its resources.
- a. Program Compatibility Settings
  - b. Kernel Patching
  - c. Program Compatibility Assistant
  - d. Program Compatibility Wizard
45. The \_\_\_\_ utility is an MMC-based utility used to manage several key systems and operations for a computer.
- a. Problem Reports and Solutions
  - b. Computer Management
  - c. System Information
  - d. Help and Support
46. The \_\_\_\_ console presents controls and reports the state of installed services that can be managed from this user interface.
- a. Event Viewer
  - b. Disk Management
  - c. Device Manager
  - d. Services

47. A(n) \_\_\_\_ is defined by IP subnets.
- a. Active Directory controller
  - b. Active Directory site
  - c. Active Directory DNS
  - d. Active Directory OU
48. \_\_\_\_ is used to encrypt and authenticate network traffic.
- a. 802.1X
  - b. IPsec
  - c. DHCP
  - d. DNS
49. Windows 7 can control the dialing process based on where a user and computer are physically located by using \_\_\_\_.
- a. certificates
  - b. dialing profiles
  - c. usernames
  - d. private keys
50. The \_\_\_\_ protocol is designed to carry remote control session data efficiently and securely between the client and server involved in a remote control session.
- a. PPP
  - b. RDP
  - c. PPTP
  - d. L2TP