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Indicate whether the statement is true or false.

1. The Disk Management snap-in can be utilized to create redundant disk configurations, such as RAID 1 and RAID 5.
 - a. True
 - b. False
2. The Line Printer Daemon role service provides print compatibility with Linux / UNIX clients.
 - a. True
 - b. False
3. When installing Windows Server 2012 R2 Essentials Edition, the server is automatically configured as a root domain controller.
 - a. True
 - b. False
4. The Foundation Edition of Windows Server 2012, although limited, supports Hyper-V, and can be installed within a virtual machine.
 - a. True
 - b. False
5. The TCP/IPv4 protocol suite is the newest set of networking protocols installed on Windows Server 2012.
 - a. True
 - b. False

Indicate the answer choice that best completes the statement or answers the question.

6. What file system below does not support encryption, file based compression, and disk quotas, but does support extremely large volume sizes?
 - a. NTFS
 - b. FAT16
 - c. FAT32
 - d. ReFS
7. What is the maximum number of virtual processors supported by Hyper-V 3.0?
 - a. 8
 - b. 16
 - c. 32
 - d. 64
8. Select below the term used to describe the virtualization software component that creates and monitors the virtual hardware environment.
 - a. Host computer
 - b. Host OS
 - c. Hypervisor
 - d. Virtual machine

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9. Which of the following choices is not a service supported by Windows 8.1?

- a. Hyper-V
- b. File and Printer Sharing
- c. FTP Server
- d. DHCP Server

10. An organization must possess which of the following items in order to legally facilitate user logins?

- a. User Access License (UAL)
- b. Server Access License (SAL)
- c. Client Access License (CAL)
- d. Personal Access License (PAL)

11. Dropbox, SkyDrive, and Google Apps are all examples of what type of computing?

- a. Public cloud
- b. Private cloud
- c. Domain
- d. Open cloud

12. The DirectAccess service is installed when which of the following roles are added to a Windows Server 2012 R2 installation?

- a. Network Policy and Access Services
- b. Remote Access
- c. Hyper-V
- d. File and Storage Services

13. Which Windows Server 2012 R2 role provides automatic IP address assignment and configuration for client computers?

- a. AD CS
- b. AD DS
- c. DHCP
- d. DNS

14. What service uses a private cloud in conjunction with a web browser or downloaded client software to access desktop software?

- a. DaaS
- b. Remote Desktop
- c. IaaS
- d. Virtual Desktop Infrastructure

15. A workgroup model is recommended for networks of what size?

- a. 10 computers or more
- b. 10 computers or less
- c. 100 computers or more

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- d. 100 computers or less

16. How much RAM can be installed in either Datacenter or Standard editions of Windows Server 2012?

- a. 16 GB
- b. 32 GB
- c. 4 TB
- d. 8 TB

17. What edition of Windows Server 2012 R2 can have up to 4 TB of RAM, and function as a virtualization host with unlimited virtual instances?

- a. Foundation
- b. Datacenter
- c. Essentials
- d. Standard

18. Which version of Windows Server 2012 is available through OEMs only, and is limited to a maximum of 15 users?

- a. Foundation Edition
- b. Essentials Edition
- c. Datacenter
- d. Standard

19. Select below the Active Directory server role that provides the functions of Active Directory without the requirements of forests, domains, and domain controllers.

- a. AD DS
- b. AD LDS
- c. AD FS
- d. AD RMS

20. Internet and Windows domains are resolved to IP addresses using what role service?

- a. DHCP
- b. DNS
- c. Active Directory
- d. IPAM

21. Select the utility below that provides a single interface for installing, configuring, and removing a variety of server roles and features, as well as providing a place to view server status.

- a. Server Manager
- b. Active Directory Users and Computers
- c. MMC
- d. PowerShell

22. What Windows Server 2012 R2 server role provides the Host Credential Authorization Protocol (HCAP) role service?

- a. Remote Access
- b. Print and Document Services

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- c. Windows Deployment Services
- d. Network Policy and Access Services

23. How many users can be supported by the Essentials Edition of Windows Server 2012?

- a. 10
- b. 15
- c. 25
- d. 50

24. What file system below supports encryption, compression, and use of volumes?

- a. FAT16
- b. FAT32
- c. NTFS
- d. ISO9660

25. What role provides services for creating, issuing, and managing digital certificates that can be used to verify identities?

- a. Active Directory Domain Services
- b. Active Directory Certificate Services
- c. Active Directory Federation Services
- d. Active Directory Rights Management Services

Enter the appropriate word(s) to complete the statement.

26. What edition of Windows Server 2012 supports 25 or fewer users, and automatically configures itself as a root domain controller?

27. The _____ consists of the virtual environment that emulates a physical computer's hardware and BIOS.

28. _____ is a collection of technologies for abstracting the details of how applications, storage, network, and other computing resources are delivered to users.

29. A _____ is composed of two parts: NIC hardware and device drivers.

30. The first domain controller installed in an Active Directory forest is known as the _____.

31. Other than the full GUI interface, the options for a reduced user interface on Windows Server 2012 R2 consist of Server Core and _____.

- a. Hypervisor
- b. Network protocol
- c. Network client
- d. Server operating systems
- e. Client access licenses (CALs)
- f. Domain controller
- g. Member server
- h. Virtual machine

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- i. Guest OS
 - j. Private cloud
32. Software that specifies the rules and format of communication between devices on a network
33. A license required by law for each user who logs on to a Windows Server 2012 server
34. The virtual environment that emulates a physical computers hardware and BIOS
35. The virtualization software component that creates and monitors the virtual hardware environment
36. The part of the OS that sends requests to a server to access network resources
37. A cloud computing service provided by a company's internal IT Department.
38. The operating system running in a virtual machine installed on a host computer
39. A Windows server that's in the management scope of a Windows domain but doesn't have Active Directory installed
40. A Windows server that has Active Directory installed and is responsible for allowing client computers access to domain resources
41. OSs designed to emphasize network access performance and run background processes.
42. What specifies the rules and format of communication between network devices?
43. What file system in Windows Server 2012 supports features such as encryption, file and folder permissions, and compression?
44. What tool can be utilized to monitor and manage servers running DHCP and DNS, as well as provide automatic discovery of domain controllers, DHCP, and DNS servers?
45. What makes PowerShell cmdlets in general different from regular commands?
46. A server that is joined to an Active Directory domain but does not have Active Directory installed is known as?
47. What file system can be utilized to create a volume that may be compatible with other non-Windows based operating systems?
48. The Remote Access role allows the configuration of what type of remote access?
49. The ability to assign system policies, deploy software, and assign permissions and rights to users of network resources in a centralized manner is a feature of what Windows Server 2012 R2 service?
50. What use does the new file system introduced in Windows Server 2012 have?

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Answer Key

1. True

2. True

3. True

4. False

5. False

6. d

7. c

8. c

9. d

10. c

11. a

12. b

13. c

14. d

15. b

16. c

17. b

18. a

19. b

20. b

21. a

22. d

23. c

24. c

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- 25. b
- 26.
Essentials Edition
- 27. virtual machine
VM
- 28. Cloud computing
- 29. Network interface
- 30. root
root domain controller
forest root
- 31. Minimal Server Interface
- 32. b
- 33. e
- 34. h
- 35. a
- 36. c
- 37. j
- 38. i
- 39. g
- 40. f
- 41. d
- 42.
Network protocol
- 43.
NTFS
- 44. IP Address Management (IPAM)
- 45. Cmdlets can be used to manage remote computers and supports the loading of modules, as well as the creation of new cmdlets.
- 46.

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Member server

47.
FAT or FAT32

48.
Virtual Private Network (VPN)

49.
Active Directory

50. The Resilient File System (ReFS) provides reliability for large data storage applications