

Network Pop Quiz 3

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This is a set of questions to help you prepared for the CompTIA Network+ certification examination. You should not exceed twenty minutes for completing this examination.

Network Plus - Practice Test 3

1. Which is the default protocol installed on a UNIX server?

- A. NetBEUI
- B. TCP/IP
- C. IPX/SPX
- D. DLC

2. What does the acronym NDS represent?

- A. Novell Distribution System
- B. NetWare Distributed System
- C. NetWare Directory System
- D. Novell Digital System

3. Which volume does Novell NetWare 5.0 install by default?

- A. SYS
- B. BIN3
- C. WIN32
- D. SAMBA

4. What is the default protocol installed on Novell 3.1 servers?

- A. TCP/IP
- B. IPX/SPX
- C. DataTalk
- D. DLC

5. Which protocol listed below is designed to establish a connection between the source and destination and is said to be connection oriented? (Choose two.)

- A. TCP
- B. IP
- C. IPX
- D. SPX

6. Two workstations in the same workgroup have the same _____.

- A. IP address
- B. MAC address
- C. Network Address
- D. Host Address

7. Which layer of the OSI model does the protocol IPX match?

- A. Application
- B. Session
- C. Network
- D. Data Link

8. Which layer of the OSI model does the protocol IP match?

- A. Application
- B. Session
- C. Network
- D. Data Link

9. Which of the answers below is NOT a valid IP address?

- A. 128.010.321.102
- B. 128.128.128.128
- C. 13.234.21.1
- D. 191.191.4.127

10. Which protocol of the TCP/IP suite is responsible for the network address of a workstation?

- A. TCP
- B. IP
- C. UDP
- D. SNMP

11. Identify the class of network for the following IP address 53.101.101.101.

- A. A
- B. B
- C. C
- D. D

12. How does NetBEUI identify individual workstations on a network?

- A. IP address
- B. Network Address
- C. NetBIOS name
- D. Node Hexadecimal Address

13. What is the maximum number of characters in a NetBEUI workstation name?

- A. 8
- B. 15
- C. 32
- D. 255

14. Which term listed below has the closest meaning to volume?

- A. sector
- B. partition
- C. directory
- D. unit allocation

15. What layer of the OSI model would a repeater be assigned?

- A. Network
- B. Physical
- C. Data Link
- D. Presentation

16. At which layer of the OSI model would the MAC address be found?

- A. Application
- B. Transport
- C. Network
- D. Data Link

17. Which part of a coaxial cable is designed to resist EMI?

- A. Insulation
- B. Outer jacket
- C. Braiding
- D. Core

18. Select each item below that is a trait of fiber optic cable.

- A. water resistance
- B. immune to electrical noise and EMI
- C. excellent security
- D. will not short out and cause fires
- E. immune to crosstalk
- F. low cost compared to copper and other media

19. What is the recommended distance for a network backbone made of multimode fiber optic cable according to the TIA/EAI organization?

- A. 500 meters
- B. 1000 meters
- C. 2000 meters
- D. 5000 meters

20. What does the term "Base" mean in reference to 100BaseT standard?

- A. Basic
- B. Binary Signal
- C. Bi-directional
- D. Baseband

21. What does the "VG" represent in the 100BaseVG standard AnyLAN standard?

- A. Very Good
- B. Video Grade
- C. Voice Grade
- D. Volume Grid

22. What is the maximum cable length between a hub and a workstation when using 100BaseT?

- A. 100 Meters
- B. 200 Meters
- C. 500 Meters
- D. 1000 Meters

23. What type of communications is defined as data flow capability in both directions but only transmits in one of the two directions at any given time.

- A. Simplex
- B. Half Duplex
- C. Full Duplex
- D. Complex

24. What is the advantage of full-duplex transmission over half-duplex communications?

- A. It is cheaper
- B. It has a higher data throughput
- C. It uses less wire
- D. It is more reliable

25. Which of the following is considered a dedicated connection type? (Pick Two) Hint; think of a continuous connection.

- A. DSL
- B. T-1
- C. Ethernet
- D. Token Ring

26. Ethernet is an example of _____.

- A. broadband
- B. baseband
- C. simplex band
- D. rubber band

27. What does the term Ad-Hoc mean in wireless networking?

- A. It identifies the wireless frequency bandwidth
- B. It means there is no access point
- C. It is a classification of wireless encryption
- D. It means that the system consists of not only radio communications but 10BaseT also

28. Why do networks use gateways?

- A. To prevent duplication of physical addresses
- B. Because there are so many different brands of Network adapter cards
- C. Because there are so many different protocols
- D. Because of the cute cow logo

29. What is the main difference between a hub and a MAU?

- A. Hubs are more reliable than MAUs
- B. Hubs can be used to extend a LAN and MAUs cannot
- C. MAUs can be used on token ring networks and hubs cannot
- D. MAUs use fiber optic cable while hubs use twisted pair copper conductors

30. A network bridge bases decisions on _____.

- A. IP addresses
- B. MAC Addresses
- C. NetBIOS names
- D. Port number

31. Which IEEE standard defines Token Bus?

- A. 802.1
- B. 802.2
- C. 802.3
- D. 802.4

32. Which IEEE standard defines Ethernet?

- A. 802.1
- B. 802.2
- C. 802.3
- D. 802.4

33. Which two items in the list have the same meaning as MAC address?

- A. Logical address
- B. Physical address
- C. Virtual address
- D. Media access address

34. Which item in the list of answers will not forward NetBEUI packets?

- A. Hub
- B. Bridge
- C. Repeater
- D. Router

35. Which file system is native to Linux?

- A. FAT32
- B. NTFS
- C. HPFS
- D. EXT2

36. Which service is run on a Linux server to support communications with Windows 98 clients?

- A. SAMBA
- B. Apache
- C. Nwlink
- D. WinTalker

37. You are responsible for setting up a small office network. The office will consist of 15 users and each user must be capable of sharing data with each other and have Internet access.

Required result: The network must have a high degree of redundancy.

Optional desired results: The initial cost of installation must be minimal and the maintenance must be kept to a minimum.

Proposed Solution: Install a 100BaseT star topology.

- A. The proposed solution produces the required result and both of the optional desired results.
- B. The proposed solution produces the required result and one of the optional desired results.
- C. The proposal meets the required result but does not produce any of the optional desired results.
- D. The proposed solution does not produce the required result.

38. A network consists of 50+ computers in an Ethernet Client/Server network system under two group names, workers, and supervisors. As the company business increased so did the network traffic resulting in lower throughput caused by numerous collisions.

Required result: Increase the network throughput.

Optional results: Reduce the number of collisions and divide the network into work zones based on hardware address.

Proposed solution: Increase the number of groups and install a layer two switch to create virtual LANs isolating departmental groups such as Engineering, Sales, Accounting, and Administration.

- A. The proposed solution produces the required result as well as both optional desired results.
- B. The proposed solution produces the required result and one of the optional desired results.
- C. The proposal meets the required result but does not produce any of the optional desired results.
- D. The proposed solution does not produce the required result.

Note: When a switch creates virtual LANs it also increases available bandwidth.

39. How can I get a free copy of Windows Server 2003?

- A. Steal a copy from the network lab.
- B. Go to a Saturday morning garage sale.
- C. Buy a free copy from a reputable software pirate.
- D. Go to a Technet briefing sponsored by Microsoft

Answers

- 1 b
- 2 c
- 3 a
- 4 b
- 5 b,c
- 6 d
- 7 c
- 8 c
- 9 a,b
- 10 b
- 11 a
- 12 c
- 13 b
- 14 b
- 15 b
- 16 d
- 17 c
- 18 a,b,c,d
- 19 c
- 20 d
- 21 c
- 22 a
- 23 b
- 24 b
- 25 a,b
- 26 b
- 27 b
- 28 c
- 29 c
- 30 b
- 31 d
- 32 c
- 33 b,d
- 34 d
- 35 d
- 36 a
- 37 d
- 38 a
- 39 d

