

Network Pop Quiz 4

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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.

1. Which service resolves the IP addresses to physical address?

- A. DHCP
- B. DNS
- C. ARP
- D. WINS

2. Which service resolves the MAC address to the NetBIOS name?

- A. DHCP
- B. DNS
- C. ARP
- D. WINS

3. Which text file contains a list of IP addresses and logical or NetBIOS names?

- A. Hosts
- B. DHCP
- C. ARP
- D. INI

4. Identify which file contains the following contents.

```
# lines or following the machine name denoted by a '#'  
symbol.  
#  
# For example:  
#  
#      102.54.94.97      rhino.acme.com      # source server  
#      38.25.63.10      x.acme.com          # x client host
```

- A. DNS File
- B. RARP File
- C. ARP cache
- D. Hosts File

5. Which service replaces the need for a LMHOST file?

- A. WINS
- B. DNS
- C. DHCP
- D. ARP

6. A network consists of 25+ computers connected as an Ethernet Star topology using 10BaseT standards. The network worked fine when originally installed and then began to decline as the number of collisions has increased.

Required result: Increase the network throughput by reducing the number of collisions in the network.

Optional results: Increase security at individual stations on the network system.

Proposed solution: Divide the network into two physical sections by installing a layer 3 switch.

- A. The proposed solution produces the required result as well as the optional result.
- B. The proposed solution produces the required result but not the optional result.
- C. The proposal solution does not produce the required result but does produce the optional result.
- D. The proposed solution does not produce the required result nor the optional result.

7. The PDU used by an ATM network is the_____.

- A. Frame
- B. Packet
- C. Cell
- D. UDP

8. Which of the following network devices are used to connect a LAN to a WAN? (Select two)

- A. Hubs
- B. Modems
- C. Routers
- D. Bridges

9. Fractional T1 might be used instead of T1 because of:

- A. Cost
- B. High-Speed requirements
- C. Ease of use
- D. Equipment availability

10. Which of the following WAN technology services typically provides the maximum bandwidth? (Choose the best answer.)

- A. T1
- B. T3
- C. DSL
- D. SONET

11. Two typical characteristics of a dial-up connection are _____. (Select two).

- A. Secure access
- B. T1
- C. POTS
- D. Modem

12. A partial T1 access is called _____.

- A. Fractional T1
- B. Sub-T1
- C. T/2
- D. Percentage T-1

13. Which is an example of a Universal Naming Convention (UNC)?

- A. \\Server name\Share name
- B. //Share name/User name/server name
- C. \\User/Server name\Share name
- D. //Share name/Server name

14. Which of the following domain names most likely belongs to a business?

- A. ABCparts.edu
- B. ABCparts.mil
- C. ABCparts.gov
- D. ABCparts.com

15. Which of the following best describes the relationship between a domain name and IP addressing?

- A. Each domain name has an assigned cluster of IP addresses
- B. Each domain name has a single IP address
- C. Each IP address is assigned a group of domain names
- D. Each IP address is assigned to a single domain name even reserved IP addresses

16. An ASCII text file can be best described as _____. (Select Two).

- A. A file commonly associated with IP address assignments
- B. A file that can be opened by the majority of software programs
- C. A file with no enhanced features such as bold, italic, or underline
- D. A file designed to be read and interpreted only by American Scientific Contents Interface Interim utilities

17. Which file listed below is responsible for mapping IP addresses to host names?

- A. host
- B. hosts
- C. lmhost
- D. lmhosts

18. Which file listed below is responsible for mapping IP addresses to NT computer NetBIOS names?

- A. host
- B. hosts
- C. lmhost
- D. lmhosts

19. Which is the correct example of an IPv6 address?

- A. 1920.1879.ED23.AC45.1112.CDEF
- B. 3FD2:12AB:CD34:56EF:1234:ABCD:5678:0987
- C. AB 12 34 DE 12 E2
- D. 11111100 1010101010 00001111 0101010101 1100110011

20. Which command listed below can be used to install IPv6 on a Windows XP machine from the command prompt?

- A. ipv6 install
- B. ipv6 setup
- C. ipv6 run
- D. ipv6config

21. What other name is commonly used for IPv6?

- A. IPng
- B. IP 4 + 2
- C. IPX
- D. IP 5

22. How many bits are represented by an IPv6 address?

- A. 32
- B. 64
- C. 128
- D. 512

23. How many bits are represented by an IPv4 address?

- A. 24
- B. 32
- C. 64
- D. 128

Answers

- 1 b
- 2 d
- 3 a
- 4 d
- 5 c
- 6 b
- 7 c
- 8 b,c
- 9 a
- 10 d
- 11 b,c
- 12 a
- 13 a
- 14 d
- 15 b
- 16 b,c
- 17 b
- 18 d
- 19 b
- 20 a
- 21 a
- 22 c
- 23 b