

## Network Pop Quiz 6

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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 scenario would most likely require a gateway?
  - A. Connecting an IP network to an AppleTalk network
  - B. Connecting two physically different segments of an IP network
  - C. Connection three or more Windows 2000 networks together
  - D. Connecting a coax network to an UTP-cabled network
  
2. Which RAID level offers no data integrity?
  - A. Level 0
  - B. Level 1
  - C. Level 2
  - D. Level 5
  
3. What is another name commonly used to describe RAID 1?
  - A. Disk Striping
  - B. Disk Parity
  - C. Disk ECC
  - D. Disk Mirroring
  
4. Which IP address below is most likely a web server connection?
  - A. 192.168.000.1
  - B. 192.168.000.4:80
  - C. 192.168.000.255
  - D. 192.168.000.2/24
  
5. Which web connection provides the most security for conducting business?
  - A. [FTP://www.bizzplus.com](ftp://www.bizzplus.com)
  - B. [HTTP://www.bizzplus.com](http://www.bizzplus.com)
  - C. [HTTPS://www.bissplus.com](https://www.bissplus.com)
  - D. [FTP://Securelink/www.bizzplus.com](ftp://Securelink/www.bizzplus.com)

6. What does PPP acronym represent?

- A. Practical Private Port
- B. Private Port Project
- C. Point to Point Protocol
- D. Public Phone Protocol

7. A network bridge limits traffic based on \_\_\_\_\_ .

- A. IP addresses
- B. MAC Addresses
- C. Local Names
- D. Host Names

8. ISDN BRI has a maximum throughput of \_\_\_\_\_.

- A. 56 kbps
- B. 128 kbps
- C. 1.54 kbps
- D. 1.54 Mbps

9. In a client/server environment, what is used to determine where to route a client request for a networking service?

- A. Transporter
- B. Redirector
- C. Transducer
- D. Network Solicitor

10. At what layer of the OSI model are port numbers provided for a packet?

- A. Presentation
- B. Session
- C. Transport
- D. Network

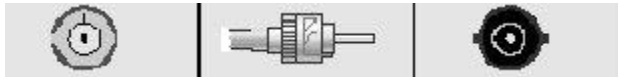
11. At what layer of the OSI model is MAC address added to a frame?

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

12. Which three cables are designed to reduce EMI? (Choose Three)

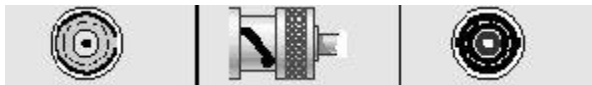
- A. Fiber optic
- B. STP
- C. Coaxial
- D. UTP

13. What type of cable connector is indicated in the drawing below? (Study it carefully and look at the details. (Note: This is what the actual test like.)



- A. BNC
- B. SC
- C. ST
- D. DB

14. What type of connector is indicated in the drawing below? Same as above warning.



- A. BNC
- B. SC
- C. ST
- D. DB

15. Where would you find the type of connector indicate below?



- A. 100BaseT network
- B. 100BaseVG network
- C. IBM Token Ring
- D. Fiber optic ring such as FDDI

16. In general, what is the maximum number of repeaters that can be used on a 10BaseT network? Think 5-4-3 rule.

- A. 3
- B. 4
- C. 5
- D. 1

17. What are the three standard token ring speeds?

- A. 10 Mbps, 100 Mbps, 1000 Mbps
- B. 4 Mbps, 16, Mbps, 100 Mbps
- C. 1 Mbps, 4 Mbps, 16 Mbps
- D. All Token ring networks operate at 16 Mbps

18. Encryption is used to \_\_\_\_\_ the data.

- A. compress
- B. secure
- C. archive
- D. speed delivery of

19. Which backup classification(s) reset the archive bit indicating that a file(s) has been copied?

- A. Full backup and differential
- B. Differential only
- C. Incremental only
- D. Incremental and Full backup only

20. Which RAID level uses parity to rebuild damaged file structures?

- A. 0
- B. 1
- C. 1 and 5
- D. 5

21. What is the minimum number of disk drives required for a RAID 5 configuration?

- A. 2
- B. 3
- C. 4
- D. 5

22. Routers make routing decisions based on \_\_\_\_\_.

- A. MAC addresses
- B. IP addresses
- C. IP and port addresses
- D. Node logical names

23. Bridges route packets based on \_\_\_\_\_.

- A. physical addresses
- B. Logical addresses
- C. Port numbers
- D. IP addresses

24. Which statements are true concerning TCP? (Select two.)

- A. TCP is connection oriented, IP is connectionless
- B. TCP port numbers are optional; IP port numbers are mandatory
- C. TCP is encapsulated inside IP
- D. IP is encapsulated inside TC

25. A blinking green light on a network adapter card typically indicates \_\_\_\_\_.

- A. system overload and the computer or network is about to crash
- B. network activity or the exchange of frames/packets
- C. packet collisions as they occur
- D. A faulty network adapter card that should be replaced

26. You are testing a network connection from station1. All computers are using Windows XP as the operating system. You can see shares that exist on other computers when you use "My Network Places," but whenever you attempt to ping any computer on the network, the echo reply indicates that a connection cannot be established. What is most likely causing of the problem with the ping utility?

- A. All computer workstations are assigned NetBIOS names.
- B. All workstations are using firewall protection.
- C. Each computer workstation is configured with a static IP address.
- D. Ping command does not work on Windows XP.

27. Windows 98 workstations are connected on a peer-to-peer network. You have difficulty exchanging files with other computers. What would be appropriate to check on the workstation when dealing with this problem? (Select all that are appropriate.)

- A. Check for correct subnet mask
- B. Check workgroup name
- C. Check to see if file and print sharing has been enabled
- D. Check to see if the caps key is locked

28. You are using a Windows 98 workstation and you are establishing a connection a Novell NetWare 4.0 network system. What would be the most appropriate set of actions? (Select two)

- A. Install IPX/SPX compatible protocol on the Windows 98 workstation
- B. Install GSNW on the Windows 98 network server
- C. Configure the Windows 98 workstation with the same IP address and subnet mask as the NetWare server
- D. Install AppleTalk on the Windows 98 workstation, Novell is compatible with AppleTalk, but the link will be slow

29. A small Client/Server network is using Windows 2000 server as the network operating system. All workstations are configured for DHCP. The DHCP service on the network server fails to start. Which service will automatically take over the responsibility for assigning IP addresses to workstations?

- A. WINS
- B. DNS
- C. APIPA
- D. You must install all IP addresses statically when the DHCP service fails there is no other option for signing IP addresses to workstations.

30. Which IRQ would most likely be used for a network adapter card?

- A. 1
- B. 3
- C. 5
- D. 10

31. After a network card is installed, which device would it most like have a conflict with?

- A. Mouse
- B. Keyboard
- C. Hard Drive
- D. Sound Card

32. Which IRQ would a SCSI card most likely be assigned to?

- A. 4
- B. 5
- C. 6
- D. 11

33. What radio frequency band is IEEE 802.11b assigned?

- A. 1 GHz
- B. 2.4 GHz
- C. 5 GHz
- D. 10 GHz

34. What is the typical broadcast range for an IEEE 802.11b PCMCIA card with no obstructions?

- A. 10 meters
- B. 150 meters
- C. 500 meters
- D. 1000 meters

35. What does the acronym RAS represent?

- A. Radio Allocation System
- B. Remote Action Sequence
- C. Remote Access Service
- D. Radio Access System

36. Which utility would reveal the most information about a workstation, TCP/IP configuration?

- A. Netstat -a
- B. Nbtstat
- C. Ping
- D. Ipconfig/all

37. The help desk receives three calls on a morning stating that each of the users cannot connect to the Internet. When asked if they can connect with other workstations the answer is "yes." The technician reports to one of the workstations and runs ipconfig to reveal the IP address as 169.254.132.32. The technician is troubled by this assigned IP address because the DHCP scope is set for 175.223.125.5 to 175.223.125.230. All three workstations are running Windows XP and the network is running a Windows 2000 Advanced Server NOS. What is most likely the problem?

- A. The network WINS server is down indicated by the unusual IP address.
- B. The DHCP service is down indicated by the APIPA 169.254.xxx.xxx.
- C. The users are logging in to the wrong gateway server, which is the reason for the unusual IP address being issued to each workstation.
- D. The assigned IP address is left from the night-shift user who failed to properly log off the network at the end of their shift.

38. What utility produced the screen display below?

```
C: [REDACTED]
IP Statistics

Packets Received                = 14501
Received Header Errors          = 0
Received Address Errors        = 5
Datagrams Forwarded            = 0
Unknown Protocols Received     = 0
Received Packets Discarded     = 0
Received Packets Delivered     = 14473
Output Requests                = 14412
Routing Discards               = 0
Discarded Output Packets       = 0
Output Packet No Route         = 0
Reassembly Required            = 40
Reassembly Successful          = 16
Reassembly Failures            = 0
Datagrams Successfully Fragmented = 16
Datagrams Failing Fragmentation = 0
Fragments Created              = 40
```

- A. Netstat
- B. Nbtstat
- C. Net
- D. Net Diagnostic



39. Which example below would be the most appropriate secure password to use?

A. Password

B. Pa\$\$Word\_1

C. Q1w2E3Asd456DDcf341gf

D. PassWord

## Answers

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