Technical Question and Answer

Question1. How long is an IPv6 address?

1. 32 bits
2. 128 bytes
3. 64 bits
4. 128 bits

Answer: Option 4

Question2. What flavor of Network Address Translation can be used to have one IP address allow many users to connect to the global Internet?

1. NAT
2. Static
3. Dynamic
4. PAT

Answer: Option 4

Question3. What are the two main types of access control lists (ACLs)?

Standard

IEEE

Extended

Specialized

1. 1 and 3
2. 2 and 4
3. 3 and 4
4. 1 and 2

Answer: Option 1

Question4. What command is used to create a backup configuration?

1. copy running backup
2. copy running-config startup-config
3. config mem

4. wr mem

Answer: Option 2

Question5. You have 10 users plugged into a hub running 10Mbps half-duplex. There is a server connected to the switch running 10Mbps half-duplex as well. How much bandwidth does each host have to the server?

1. 100 kbps
2. 1 Mbps
3. 2 Mbps
4. 10 Mbps

Answer: Option 4

Question6. Which of the following allows a router to respond to an ARP request that is intended for a remote host?

1. Gateway DP
2. Reverse ARP (RARP)
3. Proxy ARP
4. Inverse ARP (IARP)

Answer: Option 3

Question7. The DoD model (also called the TCP/IP stack) has four layers. Which layer of the DoD model is equivalent to the Network layer of the OSI model?

1. Application
2. Host-to-Host
3. Internet
4. Network Access

Answer: Option 3

Question8. Which of the following services use UDP?

DHCP

SMTP

SNMP

FTP

HTTP

TFTP

1. 1, 3 and 6
2. 2 and 4
3. 1, 2 and 4
4. All of the above

Answer: Option 1

Question9. Which class of IP address provides a maximum of only 254 host addresses per network ID?

1. Class A
2. Class B
3. Class C
4. Class D

Answer: Option 3

Question10. If you use either Telnet or FTP, which is the highest layer you are using to transmit data?

1. Application
2. Presentation
3. Session
4. Transport

Answer: Option 1

Question 11. What command do you type to save the configuration stored in RAM to NVRAM?

1. Router(config)#copy current to starting
2. Router#copy starting to running
3. Router(config)#copy running-config startup-config
4. Router#copy run startup

Answer: Option 4

Question12. You type Router#sh ru and receive an % ambiguous command error. Why did you receive this message?

1. The command requires additional options or parameters.
2. There is more than one show command that starts with the letters ru.

3. There is no show command that starts with ru.
4. The command is being executed from the wrong router mode.

Answer: Option 2

Question13. If you wanted administrators to see a message when logging into the router, which command would you use?

1. message banner motd
2. banner message motd
3. banner motd
4. message motd

Answer: Option 3

Question14. How many simultaneous Telnet sessions does a Cisco router support by default?

1. 2
2. 3
3. 4
4. 5

Answer: Option 4

Question15. You set the console password, but when you display the configuration, the password doesn't show up; it looks like this:

What cause the password to be stored like this?

1. encrypt password
2. service password-encryption
3. service-password-encryption
4. exec-timeout 1 35

Answer: Option 2

Question16. Which of the following locks the item from access of any type?

1. Implicit lock
2. Explicit lock
3. Exclusive lock
4. Shared lock

Answer: Option 3

Question17. The size of a lock is called:

1. implicit lock.
2. lock granularity.
3. exclusive lock.
4. shared lock.

Answer: Option 2

Question18. A cursor type in which the application sees the data as they were at the time the cursor was opened is called:

1. forward only.
2. static.
3. keyset.
4. dynamic.

Answer: Option 2

Question19. What is the overall responsibility of the DBA?

1. Facilitate the development and use of the database
2. Create and populate tables
3. Development, operation, and maintenance of the database and its applications
4. Both the first and third answers above are correct.

Answer: Option 4

Question20. Locks placed by the DBMS are called _____ .

1. implicit locks
2. explicit locks
3. exclusive locks
4. shared locks

Answer: Option 1

Question21. All of the following are basic op-amp input modes of operation EXCEPT

1. inverting mode

2. common-mode
3. double-ended
4. single-ended

Answer: Option 1

Question22. Most practical alternators generate electricity from

1. a coil rotating within a magnetic field
2. a magnetic field rotating around fixed windings
3. a permanent magnet rotating within a varying electromagnetic field
4. none of the above

Answer: Option 2

Question23. A circuit whose output is proportional to the difference between the input signals is considered to be which type of amplifier?

1. common-mode
2. darlington
3. differential
4. operational

Answer: Option 3

Question24. With negative feedback, the returning signal

1. is proportional to the output current
2. is proportional to the differential voltage gain
3. opposes the input signal
4. aids the input signal

Answer: Option 3

Question25. In both induction and synchronous ac motors

1. the operating speed is very steady
2. the stator magnetic field is stationary
3. the stator magnetic field rotates
4. the "squirrel cage" forms the rotor

Answer: Option 3