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1  Which of the following is the default order of Spanning Tree Protocol states?

Marks:

1

1. Learning
2. Disabled
3. Blocking
4. Listening
5. Forwarding

- Choose one answer.
- a. 3, 4, 1, 5, 2
- b. 2, 1, 4, 3, 5
- c. 1, 4, 3, 5, 2
- d. 4, 3, 1, 2, 5

2  What is the term used when switch ports are automatically assigned to a VLAN?

Marks:

1

- Choose one answer.
- a. Dynamic
- b. Port-centric
- c. Default
- d. Static

3  Which of the following is a **packet** switched WAN technology?

Marks:

1

- Choose one answer.
- a. T1/E1
- b. POTS
- c. Frame Relay

d. ISDN

4 

Marks:

1

A wildcard mask bit of "0" means that the corresponding bit must be _____.

- Choose one answer.
- a. matched
 - b. ignored
 - c. passed
 - d. deleted

5 

Where should workgroup servers be placed?

Marks:

1

- Choose one answer.
- a. MDF
 - b. VCC
 - c. POP
 - d. IDF

6 

What is created between two DTEs in a Frame Relay network?

Marks:

1

- Choose one answer.
- a. virtual circuit
 - b. Frame Relay circuit
 - c. limited access circuit
 - d. ISDN circuit
 - e. permanent circuit

7 

What command will display a list of all cached IP and MAC addresses?

Marks:

1

- Choose one answer.
- a. arp -a
 - b. nbtstat -c
 - c. tracert
 - d. ipconfig /all

8 

Which of the following is allowed by asymmetric switching?

Marks:

1

- Choose one answer.
- a. Like bandwidth connections
 - b. Connections of unlike bandwidth

c. Shared switching on a segment

9 

d. Dedicated uplink connectivity

Marks:

1

How are collisions detected on an Ethernet network?

Choose one a. There is blockage on the network causing no traffic to be answer.

b. The signal amplitude on the networking media increases.

c. The signal amplitude on the networking media decreases.

d. Stations identify the altered FCS field on the colliding packets.

10 

What is Cisco's default encapsulation for serial lines?

Marks:

1

Choose one a. HDLC answer.

b. ADSL

c. PPP

d. SDLC

11 

Which of the following are examples of WAN services?

Marks:

1

Choose one a. Ethernet and 802.3 answer.

b. Token Ring and FDDI

c. SDLC and HDLC

d. ISDN and Frame Relay

12 

How are DLCIs used by Frame Relay?

Marks:

1

Choose one a. Identify logical connections answer.

b. Identify users

c. Identify physical connections

d. Phone company tariffs

13 

Which of the following is true about a CSMA/CD network?

Marks:

1

Choose one a. Signals are always sent in multi-frame broadcast mode. answer.

b. One node's transmission goes to the nearest router that sends it directly to the destination.

- c. Signals are sent directly to the destination if both the MAC and IP addresses are known by the source.
- d. One node's transmission traverses the entire network and is seen and checked by every node.

14 🗑️

Marks:

1

Which of the following describes the relationship between path determination and the routing of packets?

- Choose one answer.
- a. They are the same process
- b. Performed only by switches
- c. Performed only by different devices
- d. They are different processes

15 🗑️ Which protocol uses deterministic media access?

Marks:

1

- Choose one answer.
- a. ATM
- b. Ethernet
- c. Frame Relay
- d. Token Ring

16 🗑️ What is the purpose of ICMPs?

Marks:

1

- Choose one answer.
- a. They are standard binary messages that act as model internetwork protocols.
- b. They are messages carried in IP datagrams used to send error and control messages.
- c. They put the internetwork in control mode so that protocols can be set up.
- d. They are messages that the network uses to monitor connection protocols.

17 🗑️ Which is an example of a data circuit terminating equipment (DCE)?

Marks:

1

- Choose one answer.
- a. Modem
- b. Computer
- c. Multiplexer
- d. Router

18 🗑️ Which of the following VLAN types require changes by the network administrator but are easy to configure, and straightforward to monitor?

Marks:

- 1 answer.
- a. Dynamic
 - b. Cut-through
 - c. Store-and-forward
 - d. Static

19 Which best describes convergence?

Marks:

1

- Choose one answer.
- a. When all routers in an internetwork have the same knowledge of the structure and topology of the internetwork
 - b. When several routers simultaneously route packets along the same path
 - c. When several messages are being sent to the same destination
 - d. When messages simultaneously reach a router and a collision occurs

20 According to the IEEE, what is the acceptable way to implement VLANs?

Marks:

1

- Choose one answer.
- a. Source bridging
 - b. Frame tagging
 - c. Grouping
 - d. Filtering

21 What is the meaning of a caret symbol (^) after entering a command on a Cisco router?

Marks:

1

- Choose one answer.
- a. It indicates the location of an error in a command string
 - b. It indicates that more information must be entered to complete the command
 - c. It indicates that you are in help mode
 - d. It indicates that you are in privileged mode

22 On a point-to-point Frame Relay connection, what does each point-to-point connection require?

Marks:

1

- Choose one answer.
- a. A separate subinterface
 - b. A unique encapsulation type
 - c. A direct physical connection
 - d. An IPX address

Marks: 1 What is a router's main responsibility when routing packets?

1

- Choose one answer.
- a. Traffic control
 - b. Enforcing security
 - c. Path determination
 - d. Collision avoidance
-

24  What is an example of a global parameter?

Marks:

1

- Choose one answer.
- a. Router host name
 - b. Network number
 - c. IP address
 - d. Subnet mask
-

25  What is true about windowing?

Marks:

1

- Choose one answer.
- a. If no acknowledgement is received, the sender must reestablish the connection.
 - b. It controls the amount of unacknowledged data allowed on a network.
 - c. It always requires separate acknowledgements for each segment sent.
 - d. TCP/IP measures data in terms of number of segments.
-

26  What causes routing loops?

Marks:

1

- Choose one answer.
- a. Hop count is set below 50
 - b. Path determination is optimized
 - c. Routing tables have not converged
 - d. Convergence is present
-

27  Which of the following would indicate the beginning of the frame?

Marks:

1

- Choose one answer.
- a. address field
 - b. frame check sequence
 - c. start of frame
 - d. flag bit
-

Marks: 1

1

- Choose one answer.
- a. 3
 - b. 4
 - c. 2
 - d. 1
-

29  The process of each port of a switch being its own micro-bridge is called _____.

Marks: 1

1

- Choose one answer.
- a. macrosegmentation
 - b. none of the above
 - c. microsegmentation
 - d. port-centric
-

30  Which metrics are commonly used by routers to evaluate a path?

Marks: 1

1

- Choose one answer.
- a. Signal count, loss ratio, noise
 - b. Distance, hub count, SN ratio
 - c. EMI load, SDLC connections, deterioration rate
 - d. Bandwidth, load, reliability
-

31  Which of the following is a **circuit** switched WAN technology?

Marks: 1

1

- Choose one answer.
- a. ATM
 - b. ISDN
 - c. SMDS
 - d. T1/E1
-

32  What is **not** a valid Cisco IPX Ethernet encapsulation type?

Marks: 1

1

- Choose one answer.
- a. SNAP
 - b. Novell-ether
 - c. ARPA
 - d. 802,3
-

33  Which of the following is **NOT** an essential component of a leased line connection?

Marks: 1

1

Choose one

- 1 answer. a. CSU/DSU
 b. Switch
 c. Service provider circuit
 d. Router port

34  Which of the following would **NOT** be found on security documentation?

Marks:

1

- Choose one answer. a. Software listings
 b. Firewall support
 c. User rights
 d. Physical access to the network

35  Which of the following is **NOT** part of the Cisco IOS naming convention?

Marks:

1

- Choose one answer. a. Special capabilities and feature sets
 b. Amount of space the file will use when copied to NVRAM
 c. Platform on which the image runs
 d. Where the image runs

36  Which port is used to **initially** configure a router?

Marks:

1

- Choose one answer. a. Console
 b. Auxiliary
 c. BRI
 d. Serial

37  Which term best describes the delay of a network signal?

Marks:

1

- Choose one answer. a. attenuation
 b. jitter
 c. dispersion
 d. latency

38  How can access be controlled on a secured VLAN?

Marks:

1

- Choose one answer. a. Application types
 b. All of the above

c. Station address

39 

d. Protocol types

Marks:

1

What is a benefit of using VLANs?

- Choose one answer.
- a. Increased administration
 - b. Multiple cable runs
 - c. Tighter network security
 - d. Extended collision domains

40 

Which of the following is true regarding routing metrics?

Marks:

1

- Choose one answer.
- a. IGRP uses bandwidth as its only metric.
 - b. All routing protocols use the same metrics.
 - c. Routers compare metrics to determine the best route.
 - d. The larger metric generally represents the better path.

41 

What is a difference between the OSI model and the TCP/IP model?

Marks:

1

- Choose one answer.
- a. The OSI model appears simpler because it has fewer layers.
 - b. The TCP/IP model combines the OSI data link and network layers into one layer.
 - c. The TCP/IP model combines only the presentation and session layers of the OSI model into its application layer.
 - d. The OSI model has 7 layers and the TCP/IP model has 4 layers.

42 

What is a typical OSI layer 2 error?

Marks:

1

- Choose one answer.
- a. Broken cable
 - b. Improper clock rate settings on serial interfaces
 - c. Incorrect subnet mask
 - d. Cable connected to the wrong port

43 

Why are hold-down timers useful?

Marks:

1

- Choose one answer.
- a. They force all routers in a segment to synchronize switching operations

- b. They reduce the amount of network traffic during high traffic periods
- c. They provide a mechanism for bypassing failed sections of the network
- d. They help prevent a router from immediately using an alternate route that includes the failed route

44 

Marks:

1

When setting passwords for vty 0 4, what are you setting a password for?

Choose one a. Remote host router

answer.

- b. Telnet sessions
- c. Modem connections
- d. Line consoles

45  What do WAN Data link protocols describe?

Marks:

1

Choose one a. The process used for error detection

answer.

- b. How applications are started and stopped
- c. How frames are carried between systems
- d. The electrical, mechanical, operational, and functional connections

46  What is a reason to use data encryption?

Marks:

1

Choose one a. To determine the order that sensitive data packets are sent.

answer.

- b. To compress sensitive data.
- c. To determine the frequency with which sensitive data is transmitted.
- d. To protect sensitive information during transmission.

47  Using CHAP, how are passwords sent?

Marks:

1

Choose one a. Passwords are not used

answer.

- b. As clear text
- c. Encrypted
- d. By user entry

48  How many usable Class C networks are created with a subnet mask of 255.255.255.192?

Marks:

1

answer.

- a. 4
- b. 5
- c. 1
- d. 2
- e. 3
- f. 6

49  A router is normally referred to as which type of device?

Marks:

1

- Choose one answer.
- a. CO
 - b. DTE
 - c. CPE
 - d. DCE

50  What happens to a packet that does not match any of the tests in an access list?

Marks:

1

- Choose one answer.
- a. It is returned to the sender.
 - b. It is sent to the recipient.
 - c. It is stored until the access list is updated.
 - d. It is discarded.

Save without submitting

Submit all and finish

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