QUESTION 1
STP is a routing protocol.

A. True
B. False

Answer: B

QUESTION 2
802.1D defines the Disabled state of STP. Which of the following is correct about the port in the Disabled state? ( )

A. It does not receive/send any packet.
B. It does not receive/forward data. It receives but does not send BPDUs, and does not learn addresses.
C. It does not receive/forward data. It receives and forwards BPDUs, and does not learn addresses.
D. It does not receive/forward data. It receives and forwards BPDUs. It begins to learn addresses.
E. It receives or forwards data. It receives and forwards BPDUs. It begins to learn addresses.

Answer: A

QUESTION 3
The reason why RSTP can implement fast restoration of the network is that ( ).

A. RSTP reduces the delay from the Blocking state to the Forwarding state.
B. The port will enter the Forwarding state immediately if the old Root port turn in the Blocking state and the remote end of the new Root port is in the Forwarding state.
C. A non-edge Designated port needs only one handshake with the downstream bridge to transfer from the Blocking state to the Forwarding state quickly.
D. Soon after the bridge is started, the edge port enters the Forwarding state without delay.

Answer: ABCD

QUESTION 4
On the H3C S middle-end/low-end switches, STP is enabled by default.

A. True
B. False

Answer: B

QUESTION 5
In STP, it is suggested to modify the value of Max Age indirectly through setting the network diameter.

A. True
B. False

Answer: A

QUESTION 6
Multicast protocols fall into group member management protocols and multicast routing protocols. Which of the following is a group member management protocol?

A. GVRP
B. GMRP
C. IGMP
D. PIM

Answer: C

QUESTION 7
IGMP is a signaling protocol between hosts and the router, which defines the mechanism to establish and maintain the multicast membership between hosts and the router.

A. True
B. False

Answer: A

QUESTION 8
Which of the following statements is correct?

A. igmp timer query seconds is used to set the interval of the query packet sending on the switch.
B. igmp timer query seconds is used to set the maximum response time in the query packet.
C. max-response-time seconds is used to set the maximum response time in the query packet.
D. igmp timer other-querier-present seconds is used to set the timeout time of the snooping querier on the switch.

Answer: ACD

QUESTION 9
Which of the following is correct about the PIM Hello message?

A. The Hello message is sent periodically to all PIM routers in multicast group 224.0.0.13 to establish PIM neighbourship.
B. The Hello message is used to select the DR on the multi-access network.
C. As the IGMP message, the Hello message is used to maintain the relationship between interfaces and host members.
D. When IGMP V1 is adopted on the interface, the Hello message is used to select the DR as the IGMP V1 querier.

Answer: ABD

QUESTION 10
Which of the following statements is right about 802.1x ports?

A. 802.1x supports the port-based authentication only.
B. The ports of authenticator fall into controlled ports and uncontrolled ports.

C. Uncontrolled ports always forward bi-directionally whether the authentication is passed or not.
D. Controlled ports transmit EAPOL protocol packets only.

Answer: BC

QUESTION 11
Which of the following methods cannot be used to configure H3C middle-end and low-end switches? ( )

A. Console
B. Xmodem
C. Telnet
D. Dial-up with Modems

Answer: B

QUESTION 12
On the H3C switch, VRRP can be used to implement ( ).

A. Gateway backup of the LAN
B. Gateway backup of the WAN
C. Load balance
D. Port monitoring for improving network reliability

Answer: ACD

QUESTION 13
The length of PAUSE MAC control frame defined in IEEE802.3x is ( ).

A. 16 bytes
B. 32 bytes
C. 64 bytes
D. 96 bytes

Answer: C

QUESTION 14
VLAN can be defined based on ( ).

A. IP addresses
B. Network layers
C. MAC addresses
D. Ports

Answer: ACD

QUESTION 15
Which of the following is right about the GARP application?

A. The switches in a network domain automatically share the VLAN information and multicast group configuration information.
B. The whole switching network can be monitored precisely through a switch.
C. The changed VLAN or multicast group configuration will be advertised to the whole switching network dynamically, thus reducing the maintenance cost and improving the reliability.
D. Plug-and-play of VLANs and multicast groups are implemented.

Answer: ABCD

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