Exam Number/Code:HC-261

Exam Name: Huawei Certified Internetwork Expert-Enterprise - ENU (HCIE-Enterprise-ENU)

Version: Demo

1.The LAN network is running the 802.1D spanning tree protocol.Which of the following are parameters that a bridge will receive from the root bridge?

A.Forward delay
B.Root Cost
C.Maxage
D.A,B, and C
E.None of the other

Answer: D

2.A cable one end connecting to port G0/0/17 and the other to port G0/0/18 in a stp enabled.Which of the following statements is true?

A.port G0/0/17 will be stuck in the learning states
B.Both ports will be forwardin
C.port G0/0/17 will be blocke
D.port G0/0/18 will be blocke
E.port G0/0/18 will continuously move between the listening and learning states.
F.Both ports will be blocke

Answer: D

3.What spanning-tree protocol timer determines how often the root bridge send configuration BDPUs?

A.Forward Delay Timer
B.Hold Timer
C.STP Timer
D.Max Age Timer
E.Hello Timer

Answer: E

4.While troubleshooting a LAN issue on the HW network, you notice a number of unicast frames.Having multiple unknown unicast frames in a switch would most likely deplete which of the following resources?

A.Power Consumption
B.MAC Addresses available in the system
C.Memory available for frame buffering

D.Available bandwidth
E.None of the other
F.TCAM entries

Answer: D

5.When connecting a switch to another switch using Ethernet ports, what pinout should be used?

A.min_height
25
min_width
173
B.
min_height

3 / 52
25
min_width
171
C.
min_height
25
min_width
170
D.min_height
25
min_width
171
E.
min_height
25
min_width
178

Answer: E

6.Spanning Tree Protocol calculates path cost based on which of these?

A.Interface bandwidth
B.Interface delay
C.Interface bandwidth and delay

D.Hop count
E.Bridge priority

Answer: A

7.Under which two circumstances would an RSTP bridge flush its Mac address table? (Select 2 Answers)

A.Upon a port state change
B.Upon receiving a topology change notification
C.When transitioning from discarding to forwarding
D.When transitioning from forwarding to discarding
E.Only when changing from listening to discarding
F.When CAM resources have been completely used up

Answer: B C

8.Why does RSTP have a better convergence time than 802.1D?

A.it is newer
B.it has smaller timers
C.it has less overhead
D.it is not timer-based

Answer: D

9.Which of the following IEEE standards are used for Gigabit Ethernet? (Select 2 Answers)

A.802.3z
B.802.3ab
C.802.3ad
D.802.3af
E.All of the other

Answer: A B

10.Which of the following is used in Ethernet networks? (Select 3 Answers)

A.Non Canonical format MAC addresses.

B.CSMA/CD for media access.

C.Canonical format MAC addresses.

D.802.5 encapsulated frames.

E.802.3 encapsulated frames

Answer: B C E