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كود الطالب : 200900015
الفرقه: الثالثه (جروب 1)

Question 1 : choose the correct answer .

1- Stp is very important in switching layers . why?

- a) to acquire a higher data transfer rate
- b) to avoid bridging loops due to redundant link.**
- c) for inter VLAN routing.
- d) All of the above.

2- What is happened , when STP is disabled on a switched network ?

- a) Broadcast storm
- b) Loop in network
- c) traffic congestion
- d) All of the above**

3- Stp is specified in IEEE organization as

- a) 802.1d**
- b) 802.1s
- c) 802.1r
- d) 802.1z

4- The message is sent between connected switches for first time is

a) Hello message

b) BPDU message

c) ICMP message

d) ARP request

5- Which of the following is not a switch port state of an STP enabled switch?

a) listening state

b) learning state

c) forwarding state

d) Requesting state

6- Which of the following statements are not true about root bridge?

a) The switch having the lowest bridge id is elected as the root bridge.

b) There can be multiple root bridges in a single network segment.

c) The selection of root bridge occurs whenever there is a topology change in the network.

d) The bridge id is a combination of the switch priority id and the mac address.

7- If the switched network is connected via fast ethernet port then what is the cost this port ?

- a) 2
- b) 10
- c) 6
- d) 19**

8- According to the priority numbers of switch we can't select the root switch because they are identical so we have second option is concerned with

- a) switch with higher value of mac address
- b) switch with the lower value of mac address**
- c) VLAN ID
- d) Path cost

9- If the switched network is connected via ethernet port then what is the cost this port ?

- a) 10
- b) 1000
- c) 100**
- d) 19

10- If we use switch as core-distribution in one layer , what is the name of this design ?

- a) Hierarchal design
- b) Collapsed core design**
- c) Core-distribution-access design
- d) Multi-core design