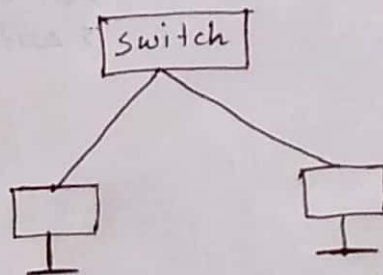


CSF-310
Computer network sessional

Q-1.

Q-2. To provide connectivity between the hosts A & B, A switch should be configured and connected to both of the host with copper straight through.



IP: 192.168.1.20 IP: 192.168.1.201.
Mask: 255.255.255.240 Mask: 255.255.255.240

Q-3. No, The routing will be following.

~~A(config)# ip route 192.168.1.0~~
A(config)# ip route 192.168.1.0 255.255.255.0 172.16.40.1
B(config)# ip route 10.0.0.0 255.0.0.0 172.16.40.2

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4. because all the networks and routers should have a connection with the backbone.

5. Wireshark is a free open source network protocol analyzer. It is used for network troubleshooting and communication analysis.

users:

- Network admin
- Cyber security specialist
- Hacker

6. 0.3.255.255

7. a) Vlan membership can be created dynamically based on Mac address of an end user device. When a device is connected to switch, a query must be made to establish VLAN membership.

b) ~~encapsulation dot1q 5~~
~~encapsulation dot1q router vlan-id~~
int — . 10
encapsulation dot1q vlan-id

8. a) case 1: switch (config) # vlan 50
name ---
vlan 60
name ---

case 2: switch (config) # int f x/x
(config-if) # switchport mode access
switchport access vlan X

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9. In server mode switch should be added to the network as it is a new update like addition of something.

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20181112L

