Module -7: Network fundamental -

1- Which of the following messages in the DHCP process are broadcasted? (Choose two

ANS : (A) request

(c) discover

2- Which command would you use to ensure that an ACL does not block web-based

TCP traffic?

ANS: (C). permit TCP any eq 80

3-Explain Network Topologies

ANS: the arrangement the elements (links, nodes, etc.) of a communication network.

4-Explain TCP/IP Networking Model

ANS: a frame work that organizes com multication protcol for the internet and similar network.

5-Explain LAN and WAN Network

ANS: a local area network (lan) and a wide area network (wan)are both typs of computer network connect devices.

6-Explain Operation of Switch

ANS: switches may be operated by process varibles such as pressure, temperature flow , current , voltage and froce, acting as sensors in a process and used to automatically control a system.

7-Describe the purpose and functions of various network devices

ANS: data transmission, traffic managment, and secutiy.

7-Make list of the appropriate media, cables, ports, and connectors to

ANS: DVI, HDMI, USB adapter, display connector, fiber optics cable.

8-connect switches to other

ANS: uplink ports, normal networking ports, trunk ports.

9-Define Network devices and host

ANS: a network node is any device parcticipating in a network a host is a node that participaes in user application either as a server client or both.