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Course Title : Data Communication

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Assignment - 2.

Q.1 What are different type of network?

Ans:- PAN (Personal Area network)
 LAN (Local Area network)
 MAN (metropolitan area network)
 WAN (wide area network).

Q.2 Explain the Shield twisted pair (STP) and untwisted pair (UTP)?

Ans: Shield twisted pair (STP) has the shield of twisted pair cable has individual pair wire being in foil which are then wrapped again for noise protection.

untwisted pair cable (UTP) has each pair of wire twisted together. No wire are wrapped tubing without any protection.

Q.3 What are the difference between the Broadband and the Baseband transmission.

Baseband transmission	Broadband transmission.
1) Digital Signalling	Analog Signalling.
2) Frequency Division multiplexing is not possible.	Transmission Data is unidirectional.
3) E.g. Ethernet is using Baseband is for LAN	E.g. used to transmit Cable TV to premises.

Q.4. What is the difference between a hub modem and a switch.

Ans: A HUB:- A hub transmits data one bit to another device of a binary bits.

modem: modem is used for the to connect the Internet. While bus are used in LAN. A modem is used for interface between the digital and analog network.

- Router: A router transmits data from one to another form of packet.

Switch: It is that type of data are divided to another device form to form.

Q.5 When you move a NIC card from PC to the another PC the mac address get there as well?

Ans: Yes that because mac address are hardware into the nic circuit that the PC has is also that means that a PC that can have a different mac address when another get replaced with NIC card.

Q.6 When troubleshooting Shopping Computer network problems what common hardware failure problems can occur?

Ans: A large percentage of a network is made of hardware problems in this case can be fixed quickly by broken NICs and hardware stops.

Q.7 In the network that contains two buses and twenty networks where the place to install the antivirus program?

Ans: The best solution of it is install antivirus on all computers in the network.

Q.8 Define Static IP and Dynamic IP. Discuss the Difference IPV4 and IPV6?

Ans: When a device is assigned a static IP address the program does not change most times are dynamic IP address are change the network when connected and change our time.

The main difference is the Check address size of IP. The IPv4 is 32-bit Address. Whereas IPv6 contains 128-bit. Handwritten and space and it contains a simple Hexadecimal Capped to IPv4.

Q.9 Discuss TCP/IP model in Details?

It stands for the transmission of central protocol. The TCP/IP model is a concise version of the OSI model. It contains four layers and it includes seven layers in OSI model.

Q.10 What is web browser. Cite some examples of browsers.

Ans- It is simply browser is an application used to access and view website. Common web browser as include Microsoft Edge and Google, Chrome, etc. Internet Explorer and Safari and Firefox.

Q.11 What is the Internet of WWW. What are the uses of our daily life?

Ans- The world wide web is a page you can see when you are online of the at home at you are online. But the internet is a network. Computers of the are well as the emails file the together of the network internet are sites are together. The internet is daily life of my life. E.g. a it helps us to see our notification and emails. Also this people can use internet from many things. Bill pay, online shopping and more for me.

Q.12 What is the Internet Service Provider and Cite some examples of ISP in India.

Ans: An internet Service provided is an organization that provides service for using of allowing participating in the internet. It provides the value added service such as Cingular's Cingular non-fraud otherwise or not.

The Example of some internet Tolls Service Verizon and Petition for Act. BSNL etc. many more Area Network. Internet Service free provided in the separate provided service are using internet.

Q. Discuss the Difference Between MAC Address and IP Address?

Ans: Media Address are used for the media Access Control Address. IP Address are used for the internet protocol Address. Both MAC Address are the name of the physical Address of the Computer and unique. It is used to control Area Network.

Q. How do we use the many internet are of Browser History?

Ans: On the lower left corner of Browser are the window Hold the Ball Arrow and the Page Open contain given Browser History.