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Course → CCA

Assignment → no. 4.

Assignment 4 → Data communication

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Q.no1→ What are the different type of network?

Ans→ 1 PAN → Pursent area network.
2 LAN → Local area network.
3 MAN → Metropolition area network.
4 WAN → wide area network.

Q.no2→ Explaint the sheild twisted pair (STP) and unshild twisted pair? (UTP).

ans→ Shielded twisted pair cable has individual pair of wire wrapped in foil which are then wrapped again for double protection. Unsheild twisted pair cable has each pair of wire together, these wire are wrapped in tubing without any protection.

Q.no3→ What is the difference between baseboard & broadband transmission?

ans→ Base board → transmission is the digital signal using physical medium like wire. where broadband signal is the analog signal using optical fiber and twisted cable as a medium of transmission.

Q.no4→ What is the difference between hub modems, router and switch?

ans→ Hub → A hub transmitted data from one device to another in the form of binary bit.
Modems → Modems are used to connect to it the Internet while Hub are used in local area netwo
A modems is used as a interface between a digital and analog signal.

Router → A router transmitt data from one network to another in the form of pallets.
Switch → A switch transmits data from one device to another in the form of frames.

Qns → When you move the NIC card from one PC to another PC, Does the mac address get transferred as well?
ans → Yes, that is because Mac address get transferred into the NIC university not to pc. This also meant that a PC can have a different Mac address when different mother one replaced the NIC card

Qns 6 → When trouble shooting Computer network problem what common hardware related problem can occur
ans → A large persentage of network is made up of hardware problem as these gears can range from malfunctioning hardware drives broken NIC and even hardware startup's.

Qns 7 →
In the network that contain two sorts are twenty workstations where is the best place to install an anti-viral program?
ans → The best solution is to install antivirus ~~and~~ all the computers in the network.

Qns 8 → Define Static IP, and dynamic IP, Discuss difference between IPV4 and IPV6?
ans → When a device is assigned as static IP address the address does not change most device used dynamic device IP address which are assigned by the networks when they connect and change

over time.
The main difference between IPV4 and IPV6 is the adress size of Ip adress the IPV4 is 32 bit adress and it contain simple header.

Q.No 8 → Discuss TCP/IP model in detail.
ans → It stands for transmission control protocal the TCP/IP model It contain four layer, unlike seven layer is the ost model.

Q.No 10 → What is web browser? Give an example of browser?
ans → A web browser or browser is an application used to access and views website common web browser include Microsoft edge, Google, chrome, apple, safari, Internet explorer and mozilla firefox.

Q.No 11 → What is search engine give an example?
ans → A search engine is a web-based tool that enable we user etc locate information on the world, wide web, (WWW) e.g google, yahoo and MSN search.

Q.No 12 → What is internet and www's what all the uses of internal in our daily life?
ans → The would wide web or simply web you should see the page you see when you are not at device and online.
But the internet is the network of connected computer that the web work on as well as what email and file ter will access. Think as the internet as the road that connect town and clanic together the internet is very usefull in many way in our daily life.

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It help us to see our modification and email.
Apart from this it is useful to pay bill online
study etc.

Ans3 what is an internet service provider Give an example of ISP in India?
ans→ The internet service provider is an organisation that provide service for accessing or using or participating in the internet. Internet service provider can be organised in various form such as commercial community owned non-profit or otherwise primarily the example of some internet service provider are Hallway, BSNC, tata, tile- many more working in media as well as world wide internet service providing service for using the internet.

Ans4→ Discuss the difference between the mac adress IP adress and port adress?
ans→ MAC adress stand for media an access central address IP adress ensure that physical adress of the computer is unique.
Ip adress is a logical adress of computer and in web to unique locate computer connected via to network.

Ans5 How does we view my internet browser history?
ans→ In the lower half corner of the browser window tap and hold the back arrow the page that open contain your browser history.