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Q.No.1 What are the different types of network

Ans. 1 Personal Area network (PAN)
The smallest and most basic type of network a fam is made up of a wireless modem a computer for two phones printers, tablets etc.

(2) Local Area network (LAN)
We're confident that you've heard of these types of networks before (ANS are the most frequently.

(3) Wireless local Area network (WLAN)
Functioning like a lam WLANS make use of wireless network technology such as Wi-Fi typically seen in the of same types of networks connect to the network.

(4) Campus Area network (CAN)
Larger than (ANS but smaller than metro politan area network (MAN'S) explained below these of network are typically seen in.

(5) Metropolitan Area network (MAN)
These types of network are larger than (ANS but smaller than (ANS incorporate elements from both types of network. MAN fam can cover geographic are typically a town a local Council large company.

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(6) Wide Area Network (WAN)
Slightly more complex than a LAN a WAN connects computer together across longer physical company etc.

(7) Storage Area network (SAN)
As a dedicated high speed network that the company's shared pools of storage.

(8) System Area Network also known as (SAN)
This term is fairly new within the basic few decades it's used to obtain a relatively local network that the designed to provided all very high speed.

(9) Passive Optical local Area Network (POLAN)
Is an alternative to traditional switch on based ethernet LANS POLAN technology can be fordegraded into structured. Ideal for multiple LAN.

10) Enterprise Private Network (EPN)
These types of networks are built and owned by business that want to securely connect its various computer resources.

11) Virtual Private Network (VPN)
By extending a private network across the internet a VPN lets pc users and head and Server connection users can access of network remotely.

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Ans 2 Explain the Shielded Twisted pair (STP) and unshilded Twisted pair (UTP)

Ans Shielded Twisted pair Cable (STP) has the individual pairs of wires wrapped in foil which are then wrapped again double protection.

Ans 3 What is the difference baseband and broadband transmission.

Ans Baseband

(i) It refers to a communication channel in which information is carried in digital form.

Communication
bi-directional which means the same channel is used to transmit and recieve signal

Baseband LANs are inexpansive and easir to install and maintains.

(ii) Broadband
The signals are modulated as radiofrequency analog waves that use different frequency ranges.

Communication
unidirection meaning two different channels are needed in order to send and recieve signals.

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Q.No4 What is the difference between a hub and an switch and router

Ans A Switch transmits data from devices to another in form of frames while a router transmits. A hub transmits data from device to another in form of binary bits.

Q.No5 When you move the NIC Cards from one PC to another PC does the MAC address gets transfered as well

Ans When you move the NIC Cards from one PC to another PC does the MAC address gets transfered as well.
Yes, that because MAC address are hardwired to the NIC Circuitry not the PC.
This also means that a PC can have a different MAC the NIC Cards

Q.No6 In a network that contains two servers and twenty workstation where is the best place to install an Antivirus programs.

Ans In a network that contains two servers and twenty workstation where is the best place on Anti-virus program? The best solution is to install Antivirus on all the computers in the network.

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Ans6 Define Define static IP and dynamic IP? Discuss the difference between (IPV4) and (IPV6)

Ans When a device is assigned a static IP address the address does not change. Most devices use dynamic IP addresses which are assigned by the network when they connect and change over time.

Ans8 Discuss TCP/IP model in detail?

Ans TCP/IP Reference Model is a four layered suite of communication protocols. It was developed by a DoD (Department of Defence) in the 1970. TCP stands for Transmission Control protocol IP stands for internet protocol.

Ans9 What is a web browser give some example of browsers?

Ans A web browser or simply browser is an application used to access and view websites. Common web browsers include microsoft Edge, Google Chrome Mozilla Firefox and apple Safari

Ans10 What is Search engine. Give example?

Ans A Search engine is a web-based tool that enables users to locate information on the world wide Google Yahoo and MSN Search.

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Q.No 11 The Internet used is very much useful in our daily routine tasks. For example it helps us to see our notification and emails. Apart from this people can use the internet of money transfer shopping order online food etc.

Q.No 12 What are the internet services providers? IP address and Port address?

Ans The examples of a some internet service providers are Hathway BSNL Tata teleservices Verizon, Reliance jio ACT Fibernet and many more working in india as well as world wide Internet service providers or ISPs are responsible for providing services for using the internet.

Q.No 13 Discuss the difference between MAC address IP address and Port address?

Ans The primary use of MAC address is to ensure the physical address of a given device on the computer. The IP address on the other hand defines a computers logical address. The MAC address primarily operates on the data link layer. The IP address primarily operates on the network layer.

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Q.No14 How do we view my internet browser's History?

Ans 1 At the top right tap more history if you adress bar at the bottom Swipe up on the adress bar Tap history.

(2) To visit a site tap one entry. To open the site in a new tab touch and hold the entry. At the top right, tap more open in new tab.

Q.No15 What Troubleshooting Computer network problems What Common hardware related problems Can occur.

Ans When Troubleshooting Computer network problems What Common hardware Related problems Can occur) A large percentage of a network is made up of hardware. problems in these area Can range from malfunctioning hard drives brokens NICs and even hardware. Startsup.

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