

1. WHAT ARE THE DIFFERENT TYPES OF NETWORK?

- **LAN(local area network)**
- **MAN(metropolitan area network)**
- **WAN(wide area network)**

2. EXPLAIN THE (STP) AND (UTP)?

STP

- SEGMENTATION TARGETING AND POSITION-THREE STEP MODEL THAT EXAMINES YOUR PRODUCTS OF SERVICE AS WELL AS THE WAY YOU COMMUNICATE THEIR BENEFITS TO SPECIFIC STP MARKETING.

UTP

- UNSHIELDED TWISTED PAIR CABLE USED IN TELEPHONE WIRING AND LOCAL AREA NETWORK LAN THERE ARE FIVE TYPES OF UTP CABLES IDENTIFIED WITH THE PREFIX CAT AS CATEGORY EACH SUPPORTING.

3. BROADBAND AND BASEBAND DIFFERENCE?

- **BROADBAND**

System use modulation techniques to reduce the effect of noise in the environment broadband transmission employs multiple channel unidirectional using combination of phase and amplitude modulation

- **BASEBAND**

is a digital signal is transmitted on the medium using one of the signal code like non razz Manchester biphasic m code etc. is called base band

4. HUB MODERN ROUTER SWITCH DIFFERENCE?

- **A hub works on the physical layer of OSI model while switch works on the data link layer switch work on the data switch can join multiple computers with one LAN and a hub just connect multiple Ethernet devices together as a single segment.**

5. PC TO ANOTHER PC DOES THE MAC ADDRESS GETS TRANSFERRED AS WELL?

- **Yes that's because mac addresses are hard wired into the NIC circuitry not the pc. This also means that a pc can have a different mac address when another one replaced the NIC card.**

6. HARDWARE RELATED PROBLEM CAN OCCUR?

- **A LARGE PERCENTAGE OF A NETWORK IS MADE UP OF HARDWARE.** Problem in these areas can range from malfunction hard drives broken NIC and even hardware startups.

7. WHERE IS THE BEST PLACE TO INSTALL AN ANTI-VIRUS PROGRAM?

- Understand the need for an antivirus programme
- Acquire an antivirus programme
- Install the antivirus programme
- Update the programme
- Scan your computer
- Set a scan schedule
- Keep windows update

SR.NO	KEY	STATIC IP ADDRESS	DYNAMIC IP ADDRESS
1	PROVIDER	internet service provider the static is address	dynamic host configuration protocol is used to generate dynamic is address
2	CHANGES	static is address does not get changed with time	dynamic is address can be changed any time

9. TCP/ IP MODEL IN DETAIL?

- **tcp/ip model was developed prior to the osi model**
- **the tcp/ip model consisted of five**

**Layers the application layer
transport layer network layer
data link layer and physical
layer**

10. WHAT IS THE WEB BROWSER?

- **Web browser is a common term which is frequently used by people while discussing the internet however the exact definition of a web browser is known by few only web browser.**

11. WHAT IS THE SEARCH ENGINE?

- **A search engine is a service that allows internet users to search for content via the World Wide Web. A user enters keyword or key phrase into a search engine and receives a list of web content results in the form of websites, images, videos, or other online data that semantically match the search query.**

12. WHAT IS THE INTERNET & WWW?

USES OF INTERNET?

- **A global computer network providing a variety of informs and communication facilities consisting of interconnected network using standardized communication protocol.**
- WWW-WORLD WIDE WEB MEANING

13. WHAT IS THE SERVICE PROVIDER EXAMPLE ISP?

- **service provider a service provider is a company that provides organizations with consulting legal real estate education communication storage processing and many other service**
- **ISP-INTERNET SERVICE PROVIDER**

14. MAC ADDRESS IP ADDRESS DIFFERENCE?

- **The full of mac address is media access control whereas the full form of ip address is internet protocol address**
- **The IP address identifies a connection to a device in a device in a network on the other hand mac address identifies a device participating in a network**

15. INTER BROWERS HISTORY?

- **Browsing history view is a tally that reads the history data of difference web browsers fire box chrome internet explorer Microsoft edge opera and display the browsing.**