

## ASSIGNMENT 2

Q 1

Difference types of net work

- Wide Area Work
- Metropolitan Area Network
- Local Area Network

Q 2

(STP) shielded twisted pair

(STP) shielded twisted pair cable has the individual pairs of wires wrapped in foil, which are then wrapped again for double protection.

(UTP)

UTP unshielded twisted pair

Has each pair of wires twisted together those wires are then wrapped in tubing without any other protection.

Q3

The major difference between broadband transmission and base band transmission is that **the base band transmission uses the complete bandwidth for transmitting the signals and occupies the whole cable** while in broadband transmission, at the same time; multiple signals can be transmitted using multiple frequencies.

Q 4

A switch **transmits data from one device to another in form of frames** while a router transmits data from one network to another in form of packets. A hub transmits data from one device to another in form of binary bits.

Q 5

**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.

Q 6

Most common hardware related problems are PaBX, LAN Card, WLAN Card and Wifi AP if it is wireless, Cables, Switches Routers and Wireless Controllers.

Q 7

The best solution is **to install anti-virus on all the computers in the Network.**

Q 8

**Static ip** address does not change any time, it means if a **static ip** address is provided then it can't be changed or modified.

Q 9

The **TCP/IP model** consists of five layers: the application layer, transport layer, network layer, data link layer and physical layer. The first four layers.

Q 10

A **web browser** is software that allows you to view websites on **the** World Wide Web. **Examples** are: **Internet Explorer, Mozilla Fire fox, Google Chrome and Opera.**

Q 11

A search engine is a platform on which a user can search the internet content. **Google, Yahoo, Bing, Baidu, and DuckDuckGo** are popular search

engines. Google is one of the most used search engines worldwide that is used with the Chrome browser.

Q 12

What is internet?

The Internet is **a vast network that connects computers all over the world**. Through the Internet, people can share information and communicate from anywhere with an Internet connection.

WWW?

**The World Wide Web (WWW)**, commonly known as **the Web**, is **an** information system where documents and other web resources **are** identified by Uniform Resource.

**USES OF INTERNET IN OUR DAILY LIFE?**

Positive **use** of the **Internet** makes **our lives** easy and simple. The **Internet** provides us useful data, information, and knowledge for personal,

Q 13

**WHAT IS INTERNET SERVICE PROVIDER?**

An **Internet service provider (ISP)** is a company that provides web access to both businesses and consumers. · **ISPs** may also provide other services such as email.

**EXAMPLE OF ISP INDIA?**

- Minl ...
- Bharti Airtel. ...
- Hathway Cable. ...
- Tata Communications. ...
- You Telecom. ...

- Reliance Communications. ...
- Sify Broadband.

#### Q 14

The main difference between MAC and IP address is **that MAC Address is used to ensure the physical address of the computer**. It uniquely identifies the devices on a network. While IP addresses are used to uniquely identify the connection of the network with that device takes part in a network.

#### Q 15

Open it by pressing Alt to show the menu bar, **then choosing View → Sidebar → History**. Or, you can use the keyboard shortcut, Ctrl+H. You can also view your history if you click the hamburger menu button in the top right-hand corner of your window, then click History.