ASSIGNMENT 2

Q1 – ANS

Different types of network

- Wide area network
- Metropolitan area network
- Local area network

Q2-ANS

Shielded twisted pair (STP)

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

Unshielded twisted pair (STP)

Unshielded twisted pair cable (UTP) **has each pair of wires twisted together**. Those wires are then wrapped in tubing without any other protection.

Q3-ANS

The major difference between broadband transmission and baseband transmission is that **the baseband 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.

Q4-ANS

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 from of binary bits.

Q5-ANS

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.

Q6-ANS

Most common hard ware related problems are paBX, LAN Card,WLANcard and wife ap if it is wireless, cables, switch, roures and wireless controllers.

Q7-ANS

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

Q8-ANS

 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.

Q9- ANS

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.

Q10-ANS

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

Q11-ANS

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.

Q12-ANS

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 .

USESOF 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.

Q13-ANS

INTERNET SERVICE PROVIDER

An **Internet service provider** (**ISP**) is an organization that provides services for accessing, using, or participating in the Internet. Internet service .

EXAMPLES OF ISP IN IDIA

- MTNL. ...
- Bharti Airtel. ...
- Hathway Cable. ...
- Tata Communications. ...
- You Telecom. ...
- Reliance Communications. ...
- Sify Broadband.

Q14-ANS

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.
Q15-ANS

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.