



**CHAPTER:- Internet Services**

**GUIDELINES:**

Dear Students

- Refer to the following content of the chapter : **Internet Services**
- The notes will help you understand the concept of the lesson and complete the assignment that follows.

**SUB-TOPICS:-**

- **Internet and Its uses**
- **Different Ways to Connect to Internet**
- **Devices used in Internet**

**Internet**

- Internet is also called as NET. It is a widely used research tool providing us with access to global information and instant communication.
- The **World Wide Web** and **E- mail** are two of the most widely used internet services.
- The advantage of internet is that you can access it from a computer anywhere at home, at workplace, at school or at a restaurant.

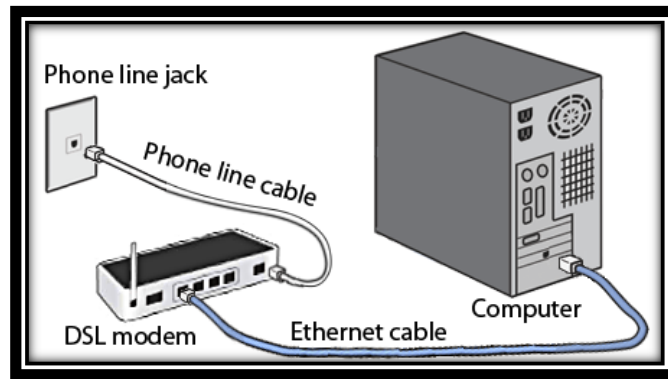
**Uses of internet**

- Research
- E-mail
- Entertainment
- Playing online games
- Socializing with others
- Chatting
- Buying and selling the products

Please refer to the link and look at the video twice for better understanding of concepts explained above:

<https://www.youtube.com/watch?v=eypYvhsownM>

**Different ways to connect the internet**



- **Dial up connection and broadband connection** are the two different ways to connect to internet.
- **Dial up connection** is a slow speed technology. With dial-up access we use a computer, a dial-up modem and a regular telephone line and Internet service provider such as Airtel, Vodafone, Jio, MTNL.
- **Broadband connection** is a high speed technology. It can be wired or wireless.
- Wireless internet access is commonly known as Wi-Fi.



Symbol of Wi-Fi

➤ **Devices used in Internet**

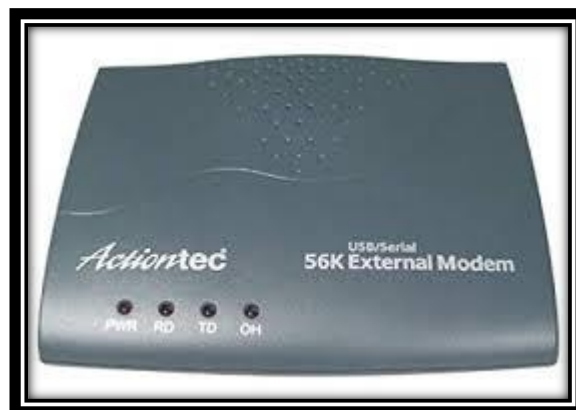
- Modem = Modulate and Demodulate.

Modulation option converts digital signal to analog signal.

Demodulation option converts analog signal to digital signal.

- There are two types of modems External and Internal modem.

An External modem is a small box that uses a cable to connect to the back of a computer.



An Internal modem is usually in the form of an adaptor card.

- Wireless modem also known as dongle uses a wireless communication technology.



- Hotspot is a wireless network that provides internet connections to mobile computers and devices.

Please refer to the link and look at the video twice for better understanding of concepts explained above :

<https://www.youtube.com/watch?v=hMX6dVa61t0>

### Assignment

**1. Fill in the blanks:**

- a) For \_\_\_\_\_ connection, you can use computer, modem and a Regular Telephone Line .
- b) ISP stands for \_\_\_\_\_.
- c) WWW stand for \_\_\_\_\_.
- d) Modem is a Combination of two words \_\_\_\_\_ and \_\_\_\_\_.

**2. List the two most widely used Internet services.**

**3. Name any three Internet service Providers.**

**4. Name some of the software /apps that are used in the following categories :**  
(Hint: Please refer to the video for answer)

- a) Chatting
- b) Video Chatting
- c) Video Conferencing
- d) E- Mail
- e) Social Networking
- f) Online Shopping