

Tender Heart School, Sec-33B, Chandigarh

CLASS-V

Subject- Computers

Teacher- Rupinder Kaur

Chapter-7 → Internet Services

Good Morning Students,

Students, this lesson is for class 5 for the subject of Computers, Topic - 'Introduction to Internet' which is covered in chapter-7, starting on page no.- 84 of your text book, titled - 'Kids-Logix-5' and is being submitted to you on 13.01.25

- All the students, May now please open page no.- 84 in front of them.
- I hope all the students, are ready for today's lesson. let us start with the topic-

* Introduction to Internet:- Students, All of you are studying about internet from class-3. This lesson is also based on Internet. Here, you will learn more things related to internet. Internet stands for 'International network'. When two or more computers are joined together through telephone wires, modems, satellite links, they form a bigger network called internet. By using internet, our lives has totally transformed. we can get information about anything very easily by

Page-1

CLASS-IV

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Chapter- 7 → Internet Services

using internet facility.

These are different ways to connect to the internet, Now, we are going to study these ways only in the next topic that is-

* WAYS TO CONNECT TO THE INTERNET:- Students, basic requirements to connect to the internet are:-

1. Modem
2. A telephone line
3. Internet Connection.

These, topics we will study one by one.

1. Modem:- Students, All of you have studied about Modem in the previous class. Modem stands for - Modulator and Demodulator. By using this device a computer will be able to send or receive information through telephone lines. Modulator will convert digital information to analog mode and Demodulator will convert back the analog signals to digital. There are different types of Modems, these are:-

(i) Internal Modem:- Students, this type of modem is already installed in the computer. It is in the shape of a card that is present on the main board.

Page-2

CLASS-VSubject- ComputessTeacher-

Rupinder Kaur

chapter-7 → Internet services

(i) External Modem:- Students, this type of modem is installed outside the CPU. It is in the form of a box. These modems are connected to the USB ports of computers and has indicator lights. Speed of these modems is measured in Kbps (kilobits per second).

(ii) PC card modem:- Students, this type of modem is designed for laptops and handheld computers. It is similar to the size of a credit card and fits easily into the PC card slot. For these modems no cable is required.

2. Telephone line:- Students, This telephone line is used as a medium to connect your computer to an ISP (Internet Service Provider).

* Internet Connection:- Students, Internet Connection is a service, which is provided by an ISP, in exchange for a fee. Without this service, you will not be able to use internet in your computer. These days so many ISPs are there. These are:- BSNL, Reliance, Airtel, Vodafone etc.

* Students all of you, May now take 3 minutes break, During break time, All of you will give answers for some easy

Page-3

CLASS-V Subject- ComputersTeacher- Rupinder KaurChapter-7 → Internet Services

Questions. And the Questions are:-

- Q:-1. Give full form of Internet.
Q:-2. How many types of Modem are there? Name them.
Q:-3. Define the term ISP.

Now, Pause this audio for 3 minutes.

- * Students, 3 minutes break is over now, let me give you answers first for the questions that I asked you before break and the answers are:-

Ans:-1. Internet stands for International Network.Ans:-2. 3 types - (1) Internal Modem (2) External Modem
(3) PC Card Modem.Ans:-3. ISP:- Internet Service Provider is a company which provide access to internet services, in exchange for a fee.

- * Students, let us start with the next topic - 'Types of internet connection' which is covered under the topic - Internet Connection.

→ Types of Internet Connection:- Students, All of you are aware now about the internet terms. There are different types of internet connections that helps us to connect to the internet. These are:-

Page-4

CLASS-VSubject-ComputersTeacher- Rupinder
KaurChapter-7 → Internet Services

1. Dial up connection:- Students, this connection enables the users to link their phone line to a computer for accessing internet.
2. Broad band Connection:- Students, this connection uses wide band width which provide high speed internet access. Using broad band, you can easily share, videos, download music, photos etc. within less time.
3. Cable Tv Connection:- Students, for this type of connection cable TV lines are used and provides fast access to internet.
4. Satellite connection:- Students, for this type of connections satellite dish to be installed. In the areas where broad band is not available, this connection is used.
5. DSL (Digital Subscriber Line):- Students, It is a type of broad band connection which is provided by ISP in exchange for a fee.

* Children, Now, I am ending the lesson here, Please read the lesson carefully and learn all the terms of internet mentioned in this lesson.

Thank You...

Page-5 (last Page)