

Class- IV

Subject- Computers

Date- 14.10.24

Ch- 4

Topic- "The Internet –Web Browser"

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Good Morning Students,

Students, this lesson is of class 4 for the subject of Computers, Topic - 'Basic Requirements for an Internet Connection' which is covered in chapter-

• All students, May now please open page no. - 49 in front of them.

• I hope all the students are ready for today's lesson, So let us start with topic - 'Basic Requirements for An Internet connection'. All students please listen carefully.

* Children, In this chapter-5, you have already studied so many things related to internet. Now, for using Internet in the computer, there are some requirements that we are going to study in today's assignment. These requirements based on your hardware and software.

Page-1

1. Modem:- Students, full form of Modem is - Modulator and Demodulator. Modem is a ^{hardware} device that will help you to operate internet in the computer. ~~Three~~ types of Modem are:-
- (i) External Modem
 - (ii) Internal Modem
 - (iii) PC Card Modem

- (i) External Modem:- Students, this modem will remain outside the computer. It comes in the form of a box and is used to connect to the computer through USB port.
- (ii) Internal Modem:- Students, this type of modem is pre-installed in the computer.
- (iii) PC Card Modem:- This type of modem is designed for portable computers. They are generally ^{available} in size of credit card.

We can measure speed of Modem in bps that is bits per second.

2. An Internet Connection:- Students, Internet connection is a service which is provided to you in exchange for a fee. There are so many companies, that are providing

internet services. These companies are known as ISPs. For example - Airtel, BSNL, Jio etc.

3. Telephone line :- Students, All of you know that with the help of phone you can talk to your friends staying at far away places. But for all these facilities there is some medium that will help you to talk. These medium can be wired or wireless. Same like, If you want to access the internet or want to transfer data then you will use this medium of telephone line.

4. Web Browsers :- Students, like you use different softwares in your computer for different purpose. For Example- MS-Word for typing letters, stories etc, Power point for making slides and presentations, Paint brush for drawing and painting. In the same way, if you want to use internet separate softwares you will use for this purpose. This software or program that will help you to access internet very easily is known as web browser. For example- Popular web browsers are- Google chrome, Mozilla Fire fox etc.

* Students, All of you, May Now take 3 minutes break. During Break time you are going to write some questions and then ^{will} give suitable answers. Listen to the questions carefully and the questions are:-

- (1) How many types of Modem are there? Name them
- (2) what is an ISP?
- (3) what is the role of web browser in accessing the information?

* and write Question and Answer in the Note book.

* let me give you answers first for the questions that I asked you before break and the answers are:-

First answer is (1) Three types - (i) External Modem (ii) Internal Modem (iii) PC card modem.

Second Answer is (2) ISP is an Internet Service Provider company which provide you access to internet for a fee.

Third Answer is (3) - It is a software or program that allows you to access information ^{available on} world wide web.

* Now, Students ^{we} will continue with the next topic that is present on Page No- 49 in your book and the topic is-

Web Browsers and its parts :- Students, All of you ^{now} know about the web browser. In this topic - you will learn the working of a web browser and its parts. So lets start.

Students, you can open web browser by double clicking on the icon present on the desktop and suppose the web browser is Google Chrome. or you can also select start button then click on All programs and then click on Google Chrome. The Google Chrome window will appear in front of you. For this follow fig-5.2 present in your book on Page No-50

* Children, Now I am ending the lesson here. Please, read and listen to the audio of assignment carefully. Learn all the names of Basic requirements for internet. Next time you will study about the parts of web Browsers.