

CLASS : 4

SUBJECT : COMPUTER SCIENCE

TOPIC : BROWSING THE INTERNET

SYNOPSIS:

- The Internet is a global network of computers. Internet enables all the connected computers to share information and services.
- The word 'Internet' stands for Interconnected network.
- To connect to an Internet, we need a computer system with an Internet Service Provider (ISP), a modem, a phone line and a web browser.
- An organization that provides Internet services is called an ISP. The speed of ISPs is measured in megabits per second (Mbps). MTNL, BSNL, Airtel etc are some of the examples of ISP.
- The full form of modem is Modulator-Demodulator.
- A modem allows one computer to connect and communicate with another computer. The speed of a modem is measured in bits per second (bps).
- Web browser is software used to access the contents of the web pages of a website on the Internet. Some of the popular web browsers are Internet Explorer, Google Chrome, Opera and Mozilla Firefox.
- Internet Explorer is a pre-installed web browser that comes with the Windows operating system.
- The address of a website is called URL or the Uniform Resource Locator.
- There are four navigation buttons. They are: Refresh button, Backward and Forward buttons, Home and Close button.

I. Fill in the blanks:

- a) The word 'Internet' stands for _____.
- b) The speed of modem is measured in _____.
- c) For internet, you need a computer system with an _____, a _____ and a _____.
- d) Modulator-Demodulator is the expanded form of _____.
- e) The full form of ISP is _____.
- f) _____ and _____ are examples of ISP.

II. State whether the following statements are True or False:

- a) The word 'browse' means to go through the contents of something.
- b) Google Chrome and Opera are example of web browser.
- c) Mozilla Firefox is a pre-installed web browser that comes with the Windows operating system.
- d) The Favorites button helps us to bookmark our favourite web pages.
- e) The Refresh button is used to close the Internet Explorer window.

III. Draw a neat and labelled diagram of four web browsers.

IV. Answer the following questions:

1. What is Internet?
2. What are the basic requirements to use the Internet?
3. Write the steps to add a web page into Favorites in Internet explorer window.
4. List the uses of different navigation buttons.

V. Complete the following exercises at the end of the chapter:

- a) Exercise A (Question 1 to 6) on Page No. 64.
