



CLASS VII - COMPUTER SCIENCE NOVEMBER MONTH NOTES

CHAPTER - 8 : INTERNET SERVICES

A. Tick the correct option.

1. Which of the following is not an email service provider?
(c) Bing
2. Which of the following devices allows you to connect several computers?
(a) Router
3. Which of the following provides online conferencing?
(c) All of These
4. Which of the following is a type of voice chat?
(a) Podcast
5. Which of the following is used to specify the position of an image on the web page?
(c) Background-position

B. Fill in the blanks.

1. VOIP stands for **Voice Over Internet Protocol**.
2. A discussion board is also known as **Message Board**.
3. **Cloud Computing** is the technology that uses remote servers on the Internet to store data.
4. Wi-Fi stands for **Wireless Fidelity**.

C. Write 'T' for true and 'F' for false statements.

1. Internet is a collection of networks. **T**
2. Email helps to conduct a video conference. **F**
3. Twitter is a social networking site. **T**
4. VOIP is an Internet service. **T**

D. Short answer questions.

1. What is the Internet?

- The Internet is a global system of interconnected computers.
- It connects millions of computers. Using the Internet, you can send e-mails, photos, videos, etc.
- It provides a communication medium to share and search for information online.

2. What do you mean by modem?

- Modem stands for modulator-demodulator.
- A modem is a hardware device that 'modulates' and 'demodulates' the digital data of a computer and the analogue signals of a phone line.

3. What is ISP?

- The term Internet service provider (ISP) refers to a company that provides access to the Internet to both personal and business customers.
- It provides you with a username and password to connect the device to the Internet.
- When you send or receive information on the Internet, it first reaches the ISP.

4. Write any two advantages of E-mail.

The two advantages of E-mail are:

- Sending and receiving e-mails is easy and time-saving.
- E-mail allows quick searching and referencing. It is much easier and faster to search for older e-mail messages than hand-written letters or memos.

E. Long answer questions.

1. What are the various ways to connect to the Internet?

- The Internet provides so many services.
- To use these services you need to be connected to the Internet.
- Following are the ways of connecting to the Internet:
- Broadband: It allows us to use Internet services at all times that require high speed, such as playing music or watching online videos.
- Wi-Fi: Wi-Fi stands for Wireless Fidelity. It offers high speed and can also be used for mobile devices, such as tablets and smartphones.

The hardware requirements for an Internet connection are:

- Modem: Modem stands for modulator-demodulator. A modem is a hardware device that 'modulates' and 'demodulates' the digital data of a computer.
- Router: A router is a hardware device that allows you to connect several computers and other devices to a single Internet connection.

2. Write the advantages of e-mail.

The advantages of using e-mail are:

- Most e-mail services are free of cost.
- Sending and receiving e-mails is easy and time-saving.
- Once you send an e-mail, it will reach the receiver immediately, who can send back their response.
- E-mail allows quick searching and referencing.
- Email is paperless and therefore, good for the environment.
- You can reduce the cost of paper.
- An e-mail can be sent to several recipients all at once.

3. What is E-learning? Explain its benefits.

E-learning means learning via electronic media. The main things required in e-learning are computers and the Internet.

The benefits of E-learning are:

- E-learning allows students to get basic schooling and enhance their skills.
- E-learning is a great way for a teacher to earn as they can be anywhere in the world and can teach at their preferred time.
- E-learning has brought learners, tutors, experts, practitioners, and other interest groups to one place.
- E-Learning provides the ability to produce any content in a vast range of capabilities which helps in providing good training.

4. Explain online conferencing.

- Online conferencing allows people to have conversations and meetings with other people in different locations.
- It allows you to connect to people in any part of the world using a computer.
- We can take online classes and conduct meetings with people who are far away while sitting in the comfort of our homes or office through online conferencing.
- There are several software like GoToMeeting, Adobe Connect, Zoom, and Microsoft Teams that can be used to meet up with people far away.