

CHAPTER-8 (INTERNET SERVICES)

- In broadband connection, the computer remains continuously connected to the Internet through an existing telephone line.
- Broadband connections are offered in four different forms: DSL, cable Internet, satellite connection and wireless connection.
- The Internet provides various services such as video conferencing, chatting, Internet calling (VoIP), and e-mailing.
- Net etiquette or netiquette means the rules or manners which should be followed while communicating over the Internet.

EVALUATE

A Tick (✓) the correct option.

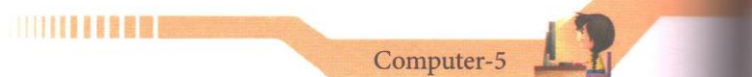
1. Which of the following is not an e-mail service provider?
a. Gmail b. Yahoo Mail c. Skype
2. Which button is to be clicked to compose an e-mail in Gmail?
a. Send b. Write c. Compose
3. WebEx is an example of _____ software.
a. presentation b. video conferencing c. chatting

B Fill in the blanks.

1. Broadband services are often referred to as “always on” services.
2. Cable Internet provides us an Internet connection through a cable modem and operates over cable TV lines.
3. Satellite connection requires a Satellite Dish in order to connect to a satellite.
4. wireless connection uses radio waves to connect our system to the Internet.
5. A microphone in video conferencing is used to capture the sound at the sender’s end.

C Write ‘T’ for true and ‘F’ for false statements.

1. Speakers are not required while video conferencing. *false*
2. VoIP lets us make voice calls over the Internet. *True*
3. A cable TV connection is used where broadband connection is not available. *false*
4. A dial-up connection is the fastest method of accessing the Internet. *false*
5. Google Hangouts allows text-based messaging into a single service. *false*
6. We should not click on any links or download any files from unreliable means. *True*



CLASS - V

CHAPTER - (8) - INTERNET SERVICES

Define the following terms -

(i) E-mail - An electronic mail is used to send or receive messages from one computer to another any where in the world.

(ii) Google Hangouts.

It is an application that is used for internet calling is often called VOIP (voice over internet protocol).

(iii) Chatting.

It refers to real time communication between two or more people over the internet.

(iv) Hotspot.

It is an option where computers with the ability for wireless connections can connect to the internet.

(v) Wi-fi.

wireless-fidelity. it uses radio waves to connect our system to the internet.

① what are internet services? Name any two of them.

Internet services means, a service that executed with the help of internet.

Common internet services :-

(a) Video conferencing.

It allows two or more people to communicate and interact with each other via audio and video transmission.

(b) E-mail.

E-mail stands for electronic mail that is used to send or receive message from one system to another anywhere in the world.

② what is the difference between dialup and broadband connection?

A dial-up connection means that we use our existing telephone line to connect to an outside internet service provider.

which in turn connects us to the internet.

The term broadband refers to an internet connection that offers a high speed internet access and high data transfer rate.

③ Describe the five basic components which are required to conduct video conferencing?

five basic components that are required to conduct video conferencing :-

(a) web cam.

→ capture images of people during conferencing.

(b) monitor.

→ display images of people.

(c) microphone.

→ capture sound during conferencing.

(d) speaker.

→ play the capture sound at the sender's end.

(e) coder/decoder (codec).

→ used to compress and decompress video and audio data, allowing transmission across the network.

(4) what is VOIP? Give some examples of applications which can be used for VOIP.

VOIP stands for Voice Over Internet Protocol. It is also called internet calling - that make voice calls over the internet.

Some common applications which provide internet calling services are Viber, Skype, WhatsApp and Hangouts.

(5) what are Netiquettes? write any three of them.

Netiquettes means the rules or manners which should be followed while communicating over the internet.

Some of the rules are listed as follows.

- (i) Avoid disclosing your personal identity to everyone you meet on Internet.
- (ii) Never use bad languages while chatting or e-mailing.
- (iii) Never share your bank details information.