

**PARAGON CONVENT SCHOOL**

**SECTOR 24-B CHANDIGARH**

**CLASS 8**

**CH- 10 INTERNET SERVICES**

**BRAIN DEVELOPER**

A. Fill in the blanks:

1. The **internet** is defined as a network of millions of computers connected with each other.
2. The software program, used to access and traverse through web page is known as **web browser**.
3. **Skype** is one of the popular video conferencing applications.
4. **E-Learning** enables people to learn anytime and anywhere.
5. In **Internet-Radio**, audio stream is digitised and split into small pieces for transmission across the internet.

B. State true or false:

- |   |              |
|---|--------------|
| 1. Bill Gates is the founder of World Wide Web.             | <b>False</b> |
| 2. Google Hangouts is one of the popular chat services.     | <b>True</b>  |
| 3. In online shopping, you can sell the products.           | <b>True</b>  |
| 4. E-learning is less expensive than traditional learning.  | <b>True</b>  |
| 5. Flipkart is a popular e-commerce company based in India. | <b>True</b>  |

C. Multiple choice Questions:

1. In India, the internet services started on \_\_\_\_\_.  
a) **15<sup>th</sup> Aug 1995**                      b) 15<sup>th</sup> Aug 1985                      c) 15<sup>th</sup> Aug 2005
2. Google Hangouts is a free \_\_\_\_\_ software.  
a) E-learning                      b) Web browser                      c) **Chat Service**
3. MOOC is one of the \_\_\_\_\_ tool.  
a) E-banking                      b) **E-learning**                      c) E-shopping
4. \_\_\_\_\_ is an American electronic commerce and Cloud computing company, founded on 5 July, 1994.  
a) Flipkart                      b) Skype                      c) **Amazon**

5. \_\_\_\_\_ is one of the popular web browsers.

a) Google Hangout

b) Bing

c) Google Chrome

D. Answer in one word or a sentence.

1. Which communication service involves exchanging audio and video at the same time between people sitting at geographically different locations?

Ans. Video Conferencing

2. Name the internet service that allows transmission of text-based messages from the sender to the receiver, instantly.

Ans. Chatting

3. What does ARPANET stand for?

Ans. Advanced Research Project Agency Network

4. Name the service that help us to perform bank transactions using the internet.

Ans. E-banking

5. Name any two websites used for e-learning.

Ans. Coursera, edx, NPTEL

E. Answer the following questions:

1. What is Internet? Write a short note on the history of the internet.

Ans. The internet is defined as a network of millions of computers connected with each other worldwide.

In 1969, when man walked on the moon; the US Defence Department set an Advanced Research Project Agency (ARPA) for further research. They designed a network of four computers to exchange and share their data. This network was called Advanced Research Project Agency Network (ARPANET). Later many Universities were allowed to join this network and share the information. This was the beginning of 'Networking of Computers', which grew bigger day by day and gave birth to Internet.

2. Describe the term Video Conferencing.

Ans. A Video Conferencing is a communication that involves exchanging audio and video at the same time between people sitting at geographically different locations. The participants can view each other on their monitors as well as hear voice speakers of their laptops or desktop computers.

3. What is Instant Messaging? How it is different from Online Chat?

Ans. Instant Messaging is like a private chat room where both the users must be online at the same time. It is a communication service over the internet that allows transmission of text-based messages from sender to receiver instantly.

4. What is Internet Radio? How it is different from the traditional radio?

Ans. Internet Radio is an online radio service that is broadcasted over the internet on dedicated radio servers. Unlike the traditional radio station, that has its broadcasting limitation (typically up to 100 miles), the internet radio has no limitation. It is capable of broadcasting graphics, text, and links along with audio, thus serving all the senses of the listeners.

5. Write a short note on the following.

- a. E-Banking: E-Banking stands for electronic banking. It is the way of performing bank transactions using the internet. It enables customers to perform all routine transactions such as account transfers, balance enquiries, bill payments, and stop payment requests, and some even offer online loan and credit applications.
- b. E-Shopping: The process of selling and buying products over the internet is called online shopping or E-shopping. Some of the popular portals for selling and buying goods are amazon.com, ebay.com, and flipcart.com.
- c. E-Learning: E-Learning means 'Electronic Learning'. It refers to learning with the use of technology that enables to learn anywhere or anytime. E-Learning can be implemented using an internet connection, a network, an intranet, or a storage disk. It is less expensive than traditional learning and can be used to impart training to a large group of students at the same time, in an interactive and interesting manner. Thus, it saves time and reduces the need for costly classroom-based training.