

Chapter 5

1. What are the differences between Internet and World Wide Web?

The **Internet** is a global network of interconnected computers that allows communication and sharing of information worldwide.

The **World Wide Web (WWW)** is a service that works on the Internet and allows users to access websites and web pages using web browsers.

2. What are important functions of web browser software?

Web browser software is used to **access and display web pages** on the Internet. It also helps users **search information, download files, and navigate between different websites** using links.

3. What are benefits of remote login tools?

Remote login tools allow users to **access and control a computer from another location** through the Internet. They help in **troubleshooting problems, managing systems remotely, and saving time and travel costs**.

4. Compare and contrast between HTTP and HTTPS.

HTTP (HyperText Transfer Protocol) is used to transfer data between web browsers and servers, but it **does not provide secure communication**.

HTTPS (HyperText Transfer Protocol Secure) is a secure version of HTTP that **encrypts data** to protect sensitive information such as passwords and banking details.

5. Define the term blog with its purpose.

A **blog** is a type of website or online journal where a person regularly posts articles, opinions, or information.

The purpose of a blog is to **share knowledge, ideas, news, or personal experiences with readers online**.

6. What is remote login?

Remote login is the process of accessing a computer or network **from a distant location using the Internet**. It allows users to control another computer as if they were sitting in front of it.

7. Mention common rules for safely accessing websites.

Some common rules for safely accessing websites are:

- Always visit **trusted and secure websites**.
- Check for **HTTPS** in the website address.
- Avoid downloading files from unknown sources.
- Do not enter personal information on suspicious websites.

8. How should we use social media appropriately?

We should use social media **responsibly and respectfully** by posting appropriate content and avoiding harmful messages. We should also **protect our privacy, respect others, and avoid sharing false or sensitive information**.

9. Write the advantages and disadvantages of using email.

Advantages of email:

Email allows **fast communication**, easy sharing of files, and sending messages to people anywhere in the world.

Disadvantages of email:

Email may expose users to **spam messages, viruses, and phishing attacks** if not used carefully.

10. Write the importance of video conferencing these days.

Video conferencing is important because it allows **face-to-face communication over the Internet** without physical travel. It is widely used for **online classes, business meetings, and communication with people in different locations**, saving time and cost.