

## **What are advantages of internet?**

1. The Internet can be called as a global computer network that provides Information and Communication facilities
2. The information provided on the internet is usually user-generated
3. The Internet can function only with the help of radio waves, routers and data centres
4. One of the greatest advantages of the internet is its easy and quick accessibility
5. We can send messages to people thousands of kilometres away from us, within a fraction of second because of the power of the internet
6. Covid-19 has taught us that work from home and education from home is possible because of the internet

## **Write down any four ethical guidelines which should be followed while using a computer**

1. Use an antivirus program
2. Do not download and install pirated software
3. Never use unknown WiFi
4. Keep your computer updated

## **Define plagiarism. What steps can be taken to prevent it?**

**Plagiarism is the act of copying another person's ideas, words or work and pretending they are your own; something that has been copied in this way.**

### **Explanation:**

#### **Steps to Avoiding Plagiarism**

**Step 1: Understand Plagiarism. Plagiarism is when you use another person's words or ideas and try to pass them off as your own.**

**Step 2: Properly Quote and Paraphrase.**

**Step 3: Properly Cite Sources.**

#### **Step 4: Check Your Work for Possible Plagiarism.**

#### **Step 5: Practice.**

How can you protect your intellectual Property Rights from getting violated?

1. Patent your inventions
2. Copyrights your Art and publications
3. Register your Trademarks

Write short note on

#### Spamming

Spamming is when one person or company sends an unwanted email to another person. Spam emails are the computer version of unwanted "junk mail" that arrives in a mailbox, such as advertising pamphlets and brochures. Spam emails are usually sent to try to get the person to buy something or do something else that will cause gain for the sender.

#### Cybercrime

**Cybercrime**, also called **computer crime**, the use of a [computer](#) as an instrument to further illegal ends, such as committing [fraud](#), trafficking in child pornography and [intellectual](#) property, [stealing identities](#), or violating privacy.

#### Firewall

A firewall is software used to maintain the security of a private network. Firewalls block unauthorized access to or from private networks and are often employed to prevent unauthorized Web users or illicit software from gaining access to private networks connected to the Internet. A firewall may be implemented using hardware, software, or a combination of both.

#### Software Piracy

Software piracy is defined as illegally copying software that does not belong to you in a manner that violates the copyright.

#### Hacking

**Hacking** is an attempt to exploit a computer system or a private network inside a computer. Simply put, it is the unauthorised access to or control over computer network security systems for some illicit purpose.

#### Phishing

Phishing is a cybercrime in which a target or targets are contacted by email, telephone or text message by someone posing as a legitimate institution to lure individuals into providing sensitive data such as personally identifiable information, banking and credit card details, and passwords.