

CHAPTER-4: ETHICS AND SAFETY MEASURES IN COMPUTING

ANSWER KEY-7th Std

E. Answer the following:

1 Ans: Advantages of Internet:

-  Powerful search engines like Google, Yahoo etc. facilitate user by finding information on almost every subject.
-  People can connect with each other in an easy and inexpensive way, through social networking sites like Face book, Twitter etc.
-  Online services enable people to carry out their tasks, anytime and anywhere such as e-banking, e-reservation, etc.
-  Internet provides the facility to share information with many users simultaneously in an easy manner.

2 Ans: Some of the common ethical guidelines which should be followed while using a computer are:

-  Do not use computer technology to cause disruption or interference in other users' work.
-  Do not spy on another person's computer data.
-  Do not use computer technology to steal information.
-  Do not use someone else's computer resources without any authorization.

3 Ans: Plagiarism is the usage or imitation of the language and thoughts of another person projected as one's own original work.

Steps to Prevent Plagiarism:

-  We should follow 'Citation' which means acknowledging the original writer and the source from where the material has been taken.
-  We must specify the source, which informs readers regarding the basis of one's ideas and the extent of one's research.
-  We can rephrase the material to avoid plagiarism.
-  We can use quotation marks around the quoted words of another person to avoid plagiarism.

4 Ans: We can protect Intellectual Property Rights by using Three steps:

- ✚ By Patenting our inventions
- ✚ By Copyrighting our Art and Publications
- ✚ By Registering our Trademarks

5 Ans:

a. Spamming :

It refers to unwanted e-mails, sent indiscriminately to multiple users worldwide. It can be used to spread computer Viruses, Trojan Horses, Worms or other malicious software.

b. Cybercrime :

A Cybercrime is any illegal activity done through Internet such as identity theft, where somebody can steal your e-mail id or password and use it to send fake e-mails to people containing false information about the product or winning a lottery, etc

c. Digital Footprints :

It is the impression or information about a person that exists on the internet because of his online activity.

d. Software Piracy :

When software is copied and distributed illegally, it is called Software Piracy.

e. Hacking :

It refers to an illegal intrusion into a computer system or network to steal important data or to destroy it. Hacking which is done for a good cause, such as national security, etc., is known as Ethical hacking.

f. Phishing :

It is an act of sending an e-mail or an online link to a user misleading him to believe that it is from a trusted person or organization. Further, the user is asked to visit a website in which he is asked to update or validate his personal details, such as user name, password, credit card details, etc.

In this way the operators of the fake website steal your identity and commit crimes in your name. This could damage your reputation and cause heavy financial losses.

CHAPTER-9: USING LIST, IMAGES AND LINKS

E. Answer the following:

1Ans: tag is used for Unordered List whereas tag is used for Ordered List. tag is used when the items are not to be displayed in any particular order whereas tag is used to display the list of items in a specific order. tag gives you bullets by default whereas tag gives you numbers.

2 Ans: There are three types of Lists in HTML:

a) Unordered list — It is used to group a set of related items in no particular order.

b) Ordered list — It is used to group a set of related items in a specific order.

c) Definition list — It is used to outline multiple term and their descriptions one after another.

3 Ans: We can add Images to a HTML document using tag. It is an empty tag and requires different attributes to be specified with it. The different attributes of the image tag are as follows:

a) SRC – This attribute helps in defining the source of an image i.e. we need to mention the path whether the file is being taken from the computer or internet

b) HEIGHT AND WIDTH – The Height and Width attribute specify the height and width of an image respectively, either in the form of an integer or percentage value.

c) ALIGN – This attribute aligns an image relative to the surrounding text, according to the specified value.

d) ALT – It is used to display alternate text for the images so as to provide description about the images.

4 Ans :Using Alternate text with image is important because sometimes, a browser on the user's computer does not display images due to slow connection or error in the SRC attribute. In that case, we can display alternate text for the images with the help of ALT attribute.

5 Ans: HTML renders a powerful feature of linking multiple web pages together (known as Hyperlinking) through the <A> (Anchor) tag. There are 2 types of Linking:

a) Internal Linking – It means when one part of a web page is linked to another section on the same page.

b) External linking – It means when one page is linked to another web page or website.