Class X Computer Alication

Chapter 5 Introduction To HTML

**A: Multiple Choice Questions (MCQ)**

a. Hyper Text Markup Language

b. SGML

c. HTML 5.0

d. Tags

e. Both (a) and (b)

f. Empty tag

g. Web browser

h. Google Chrome

i. Both (a) and (b)

j. All of these

k. FACE

l. 6

m. TYPE

n. All of these

o. <OL TYPE = “i” START = 5>

**B: State Whether the Following Statements are True or False**

a True

b True

c False

d False

e False

f False

g True

h True

i True

j False

k False

l True

m True

n False

o True

p True

q False

**C**. **Fill in the Blanks**

a. HTTP

b. .htm or .html

c. Head

d. Tags

e. Empty

f. Attributes

g. =

h. <HTML>

i. <TITLE>

j. Leftmargin, topmargin

k. <BASEFONT>

l. <BR>

m. <H1>, <H6>

n. Size

o. <UL> ,<LI>

p. DISC, SQUARE, CIRCLE

**D**. **Very Short Answer Type Questions**

a. HTML is a markup language used to create web pages.

b. Web browser is specialised client based alication is used for viewing HTML document.

c. Html was developed by Tim Berners Lee in 1990.

d. The two sections of the HTML document are: Head Section and Body Section.

e. Tags are markup codes which define the structure or aearance of HTML document.

f. The two types of HTML tags are: Container and Empty tags.

g. Google Chrome is the most popular Web browser these days.

h. Attributes are the special keywords which are the part of opening tag used to change the default behavior of a tag.

i. The commonly used attributes of <BODY> tag are:

BACKGROUND, BGCOLOR, TEXT, LEFTMARGIN, TOPMARGIN, LINK, VLINK, ALINK.

j. The three container tags are used to enhance the aearance of enclosed contents are: <B> ,<I> and <U>

k. The attributes used in <HR> tag are: COLOR, SIZE, WIDTH, ALIGN, NOSHADE.

l. (a) <UL> - unordered list

(b) <LI>- List item

(c) <DL> - definition list

(d) <BR> Break

m. <COMMENT> or <!--> are used for adding comments in HTML document.\

n. <SUB>and <SUP> are used for creating scientific or mathematical formulas in the webpage.

**E.** **Short Answer Type Questions.**

a. HTML is a markup language which uses predefined set of tags to define the characteristics of web document. The main characteristics of this language are:

* Easy to understand and modify.
* More flexible.
* Allows using Graphic, videos, sounds, etc.
* Platform independent language.
* Can be used simple a text editor for coding.

b. Head section of the HTML document contains information about document such as its description, index, name of the program used to create the document. Whereas Body section contains information that is displayed on the web page when opened in web browser.

c. HTML tags which have both a starting and a closing tag i.e., they aear in pair are called container tags. These tags wrap around the text in the document to be formatted. Empty tags have only starting tag but no closing tag. These tags are single line tags and they do not enclose any contents in it. e.g. <BR> tag.

d. Structure of HTML document:

<HTML>

<HEAD>

**Solutions**

<TITLE> --------- </TITLE>

</HEAD>

<BODY> Body Contents

</BODY>

</HTML>

**<HTML> Tag:** Used to help the browser to identify the HTML document.

**<HEAD> Tag:** Used to define the header section like its title, script, style, etc.

**<TITLE> Tag:** Used to set the document title.

**<BODY> Tag:** Encloses the document contents.

e. Commonly used web browsers such as:

**Windows Internet Explorer:** Supports the HTML 5 video and audio tags along with the Web Open Font Format.

**Google Chrome:** Developed by Google Inc. with the features mainly aimed to improve security, speed and stability.

**Mozilla Firefox:** Free and open source web application with features like tabbed browsing, spell checking, incremental find, live bookmarking, download manager and private browsing.

**Apple Safari:** Developed by Ale Inc. With all the latest features available for both Windows and MAC OS.

**Opera:** Its features include tabbed browsing, page zooming, mouse gestures and the integrated download manager.

F. (a) **BACKGROUND**

BODY tag attribute used to insert an image in the background of HTML web page.

**BGCOLOR**

BODY tag attribute is used to set a background colour of the web page.

(b) **<FONT>**

The <FONT> tag is change the character formatting of enclosed text.

**<BASEFONT> Tag**

This tag is used to change the default font settings of the web document.

(vii) <Hn> tag of HTML is used to create heading in the web document where value of n ranges from 1 to . So this tag can be used to create six different levels of headings.

**Syntax:** <Hn> text </Hn>

The tag with n=1 i.e., <H1> is used to create top level of heading whereas <H6> > is used to create lowest level of heading.

h. <HR> tag is empty tag which is used to insert a horizontal rule line across the web page. Attributes supported by <HR> tag are:

**COLOR:** To set the line colour.

**SIZE:** To set the line thickness.

**WIDTH:** To set the horizontal width i.e., the length of line.

**ALIGN:** To set the horizontal line alignment.

**NOSHADE:** To make a flat 2-dimensional solid line.

i. An ordered list is a numbered list in which each item is placed at a specific position and are marked with a unique number. Unordered list is also known as bulleted list which presents the list in an organised manner irrespective of the position of individual items in the list. In HTML, <OL> and <UL> tags are used to create ordered and unordered list respectively.

e.g.,

<OL>

<LI> one

<LI>two

<LI>three

</OL>

Will show the list as

1. one

2. two

3. three

<UL>

<LI> one

<LI>two

<LI>three

</UL>

Will show the list as

* one
* two
* three

j. The three tags used to create definition list are <DL>, <DT> and <DD>. Synatx to use these tags are:

<DL>

<DT> Term to be defined</DT>

<DD> Description </DD>

</DL>

COMPACT attribute of <DL> tag is used to show the term and its description in the same line.

This attribute does not take any value.

k. ALINK attribute of <BODY> tag is used to set the colour of active links in the web document whereas VLINK attribute is used to set the colour of visited link i.e., the links which are already visited.

l. <BODY BGCOLOR=”GREEN” TEXT=”YELLOW’>

<FONT FACE=”ARIAL” COLOR=”BLUE” SIZE=5>

...text

</FONT>

</BODY>

**F**. **Long Answer Type Questions**

a. **Web browser:** This is a specialised client based application used to send the request to web server for the required resource and to display the web document in the formatted manner sent by the web server. Commonly used web browsers such as:

**Windows Internet Explorer:** Supports the HTML 5 video and audio tags along with the Web Open Font Format.

**Google Chrome:** Developed by Google Inc with the features mainly aimed to improve security, speed and stability.

**Mozilla Firefox:** Free and open source web application with features like tabbed browsing, spell checking, incremental find, live bookmarking, download manager and private browsing.

**Apple Safari:** Developed by Apple Inc. With all the latest features available for both Windows and MAC OS.

**Opera:** Its features include tabbed browsing, page zooming, mouse gestures and the integrated download manager.

b. <OL TYPE =a >

<LI> Cricket

<OL TYPE =i >

<LI>India

<OL TYPE =1>

<LI>M S Dhoni

<LI>Sachin Tendulkar

</OL>

<LI>Australia

<OL TYPE =1>

<LI>Michael Clarke

<LI>ShaneWaston

</OL>

</OL>

<LI>Tennis

<OL TYPE =i>

<LI> Maria Sharapova

<LI>Roger Federer

</OL>

<LI>Shooting

<OL TYPE =i>

<LI>Gagan Narang

<LI>Abhinav Bindra

</OL>

</OL>

c. <HTML>

<HEAD>

<TITLE> My First Web Page</TITLE>

</HEAD> <BODY BGCOLOR = Green Text = Blue>

<FONT STYLE = “Times New Roman” SIZE = 12>

This is the heading area </FONT>

<HR SIZE = 5 WIDTH = 500 COLOR = Yellow>

<P>

Here goes the body of the web document

</P>

</BODY>

Closing </html>

d. (a) **<BR> Break:** Used to insert line break

(b) **<P> Paragraph:** Used to start new paragraph

(c) **<HR> Horizontal line:** Used to draw horizontal rule line across the web page

(d) **<UL> Unordered list:** Used to create an unordered list

(e) **<OL> Ordered list:** Used to create an ordered list

(f) **<DL> Definition list:** Used to create definition list

(g) **<LI> List Item:** Used to mark individual items in <OL> or ) <UL> tags

(h) **<I> Italics:** Used to italic the enclosed text.

(i) **<B> Bold:** Used to add extra weight to the enclosed text.

(j) **<DT> Definition Term:** Encloses the definition term in the <DL> tag.

**G.** **Application Oriented Questions**

**a. <CENTER>:** used to align the contents centered across the web page.

**<U>:** To underline the enclosed text.

**<HR>** Used to draw horizontal rule line across the web page

**<FONT>:** Used to set the font type, colour and size.

**<P>:** Used to start new paragraph

b. <HTML> <HEAD>

<TITLE> MD International School </TITLE>

</HEAD>

<BODY BGCOLOR = Green>

<CENTER> <H1> MD International School < /H1></CENTER>

<HR COLOR=Red size =5>

<UL>

<LI> About School

<HR COLOR=Red size =5>

<LI>Facilities

<HR COLOR=Red size =5>

<LI>Admission

<HR COLOR=Red size =5>

<LI>Achievements

<HR COLOR=Red size =5>

</UL>

<CENTER> Click here to<U> Contact us </U> </CENTER>

</BODY>

</HTML>