**Class X Computer Application**

**Chapter 6 Advance HTML**

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

1. (iii) <IMG>
2. (i) JPEG
3. (ii) <IMG SRC = “My file. JPG”>
4. (ii) ALT
5. (ii) HEIGHT and WIDTH attributes
6. (ii) <A> and HREF
7. (iii) <BODY> tag
8. (ii) Internal linking
9. (i) mailto
10. (ii) a link
11. (iv) All of these
12. (i) <TD>
13. (i) ROWSPAN
14. (iv) All of these
15. (ii) Top, Center

Type B. True false

1. True
2. True
3. False
4. False
5. True
6. True
7. False
8. True
9. True
10. False
11. False
12. False
13. False
14. True
15. True

Type C. Fill in the blank

1. JPEG
2. SRC, IMG
3. Pixel, percentage
4. HREF, <A>
5. NAME
6. TITLE
7. \_Blank
8. <TR>
9. CELLPADDING
10. <CAPTION>
11. BORDERCOLOR
12. VALIGN

**Type C: Very Short Answer Type Questions**

(a) The various components of a web page are: text, images, videos, sound.

(b) GIF, JPEG, PNG are the image file formats are supported by HTML.

(c) The syntax of HTML code required to insert image in the HTML document. Is <IMG SRC = “Path of image”>

(d) TOP, BOTTOM, LEFT, RIGHT, CENTER are the five possible values of ALIGN attribute used in the <IMG> tag.

(e) The two type of linkings in HTML are: Internal and external linking.

(f) The tag and the attribute required to create internal linking: <A NAME>

(g) The syntax to create e-mail link in the HTML document:

<A HREF=”mailto: xyz@gmail.com”>

(h) The use of TITLE attribute in <A> tag that its shows the enclosed text as tooltip when the mouse pointer is moved over the link.

(i) <TABLE> , <TR> and <TD > or <TH> are required to create table in the HTML document.

(j) BORDER attribute in <TABLE> tag helps to change the thickness of table border.

(k) <TH> tag is used to create headings in a table.

(l) We add extra spacing between the cell contents and the internal edges of the cell boundary using CELLPADDING attribute in <TABLE> tag.

(m) VALIGN attribute helps to align the cell contents vertically in the table.

(n) We add caption to the table using <CAPTION> tag.

**Type E: Short Answer Type Questions**

(a) Image in the HTML document is inserted using <IMG> tag <IMG SRC = “Path of image”>

The various attributes supported by <IMG> tag are:

HEIGHT and WIDTH: The two attributes of <IMG> tag are used to change the image size.

ALIGN: This attribute can be used to align the image with respect to the inserted text or to set its position on the web page.

BORDER: This attribute is used to add border to the inserted image.

ALT: This attribute is used to specify the alternative to the image when image is not displayed.

(b) If the inserted image is not displayed by the web browser then we can use ALT attribute in the <IMG> tag to add text that will be displayed in place of the image. The way to use ALT attribute is

<IMG SRC=“Image.jpg” ALT=“Alternate text”>

The above tag will display the image “Image.jpg” but if the browser will not show the image, the text “Alternate text “will be displayed.

(c) ALIGN attribute in the <IMG> tag does not supports the CENTER value. Thats why the image is not getting centered across the web page. To get the image centered we need to enclose the <IMG> tag within the < CENTER> tag like this <CENTER> <IMG SRC = “Image.jpg”> </CENTER>

(d) Hyperlinks are the part of HTML document which link the other sections of the web page, other web pages or the web resources. These are used to quickly access the linked resource by simply clicking on it. These links can be created with the text or images used in the HTML document.

To create hyperlinks in the HTML document, the Anchor Tag (<A>) is used along with HREF attribute.

For example,

<A HREF = “www.yahoo.com”> yahoo mail </A>

Solutions

The above tag will create a link to the text yahoo mail on the web page connectivity to the website www.yahoo.com.

(e) Internal Link helps to connect or link the different sections of the same web page or website. Whereas External Link is used to link the external resources available on the web like web pages, documents, images, videos, etc.

(f) Target Attribute in the <A> tag is used to open the linked document in a separate window instead of same window. To use this attribute you need to assign \_ blank value for this tag like this:

<A HREF=“ www.yahoo.com” TARGET=“\_blank”> yahoo mail </A>

(g) Hyperlinks to the image can be created by enclosing <IMG> tag within the <A> tag like this.

<A HREF=“URL”> <IMG SRC = “Path of image”></A> e.g.,

<A HREF=“http://www.grambooks.com” TITLE=“G.RAM Books”> <IMG SRC=“gramlogo.jpg”>

</A>

(h) Tables are web page components used to represent information in form of in rows and Columns i.e., in a tabular form.

The tags used to create tables in HTML document are:

<Table>: Structural tag which encloses the entire information into table.

<TR>: Used within the <TABLE> tag to create table rows.

<TD>: Used within the <TR> tag to create table columns.

<TH>: Used to create the table headings within <TR> tag.

(i) The tags used to create tables in HTML document are:

<Table>: Structural tag which encloses the entire information into table.

<TR>: Used within the <TABLE> tag to create table rows.

<TD>: Used within the <TR> tag to create table columns.

<TH>: Used to create the table headings within <TR> tag.

(j) <TABLE BORDER = 2>

<TR ALIGN = “CENTER”>

<TD>A</TD>

<TD ROWSPAN = 2>C</TD>

</TR>

<TR ALIGN = “CENTER”>

<TD>B</TD>

</TR>

<TR ALIGN = “CENTER”>

<TD>D</TD>

<TD>E</TD>

</TR>

</TABLE>

(k) <TD> and <TH> both the tags are used to define the cells of the table. They both appear within the <TR> tag. But the contents enclosed within the <TD> tag appear with the default text format whereas <TH> tag contents are displayed with special format i.e., in Bold style and centered across the cell.

(l) ALIGN attribute can be used in the <TR> tag to align contents horizontally within the cell boundary. The values of this attribute can be LEFT, RIGHT or CENTER.

Whereas VALIGN attribute can be used in the <TR> tag to align contents vertically within the cell. The values of this attribute can be TOP, MIDDLE and BOTTOM.

**Type F: Long Answer Type Questions**

(a) The various attributes of <IMG> tag are:

**HEIGHT:** This attribute is used to specify the height of the inserted image in pixels.

**WIDTH:** This attribute is used to specify the width of the inserted image in pixels.

**ALIGN:** This attribute can be used to align the image with respect to the inserted text towards left or right side of the web page.

**BORDER:** This attribute is used to add border of specified thickness in pixels.

**ALT:** This attribute helps to add alternate text such that if the image when image is not displayed by the browser, it shows the alternate text assigned as value to this attribute.

(b) Html allows to create links in the web document which can be used to link the different sections of the same document or to link the external web resources like web pages, websites, documents, images, etc. stored in the same web server or some other web servers. This type of linking is called external linking and it is this which actually realises the concept of World

Wide Web by creating a virtual network among the web resources and quickly navigating to them by simply clicking these links.

Syntax to create the external link:

<A HREF=“URL/web resource”>Text or Image </A>

Syntax to create the internal link:

<A NAME=“ bookmark name”>

<A HREF=“ bookmark name”>Text or Object</A>

(c) <TABLE BORDER = 2>

<TR ALIGN=“CENTER” VALIGN=”MIDDLE”>

<TD ROWSPAN = 2> Emp No </TD>

<TD COLSPAN = 2> Name </TD>

<TD ROWSPAN = 2> Date of Birth </TD>

<TD COLSPAN = 3> Salary </TD>

<TD ROWSPAN = 2> Date of Joining </TD>

</TR>

<TR ALIGN=“CENTER>

<TD > FIRST </TD>

<TD > LAST </TD>

<TD > BASIC </TD>

<TD > PERKS </TD>

<TD > TOTAL </TD>

</TR>

<TR>

<TD ALIGN=“CENTER> 1</TD>

<TD > Pradeep </TD>

**Solutions**

<TD > Bajaj </TD>

<TD ALIGN=“CENTER > 20/05/78</TD>

<TD > 15,500 </TD>

<TD > 10,000 </TD>

<TD > 25,500</TD>

<TD ALIGN=“CENTER > 01/03/2011</TD>

</TR>

<TR>

<TD ALIGN=“CENTER> 2</TD>

<TD > Jaswant</TD>

<TD > Singh</TD>

<TD ALIGN=“CENTER > 15/08/68</TD>

<TD > 17,500</TD>

<TD > 12,500</TD>

<TD > 30,000</TD>

<TD ALIGN=“CENTER > 01/04/2007</TD>

</TR>

</TABLE>

(d) (i) <CENTER> <IMG SRC=“E:\MyPictures\Picture1.jpg” HEIGHT=200 WIDTH=200 BORDER = 5 > </CENTER>

(ii) <A NAME=“Mylocation”>

<A href = “#Mylocation”> <IMG SRC=“ E:\MyPictures\Picture1.jpg” HEIGHT=200 WIDTH=200 BORDER = 5> </A>

(iii) <A href = c:\windows\desktop\Mydoc.Docx”> Download File here</A>

(iv) <TABLE BORDER = 2>

<TR ALIGN = “CENTER” VALIGN=”MIDDLE >

<TD ROWSPAN = 2>One</TD>

<TD COLSPAN = 2>Two</TD>

</TR>

<TR ALIGN = “CENTER”>

<TD>Three</TD>

<TD>Four</TD>

</TR>

</TABLE>

(v) <html>

<head>

<title>

Formatting tables

</title>

</head>

<body>

<H1 align="center"> KHAO PIYO RESTAURANT </H1>

**Solutions**

<Img src="D:\images\waiter.jpg" align=right height=200 width=200><H3> Collect formation

for </H3>

<ul>

<li> Menus

<li> Reservation

<li> Catering

<li> Tours

</ul>

<TABLE BORDER="2" align="center">

<caption> Menus Available are</caption>

<TR>

<TD> 1</TD>

<TD> INDIAN</TD>

</TR>

<TR>

<TD> 2</TD>

<TD> ITALIAN</TD>

</TR>

<TR>

<TD> 3</TD>

<TD> CONTINENTAL</TD>

</TR>

<TR>

<TD> 4</TD>

<TD> THAI</TD>

</TR>

</TABLE>

<br>

<Font size="6"> For further enquiries and reservation <a href="D:\images\balloon.jpg"> Contact Us </Font>

</body>

</html>

**Type F: Application Based Questions**

(a) tags used:

<TABLE > attribute BORDER

<TR> ALIGN, VALIGN

<TR> attribute COLSPAN, ROWSPAN

HTML code:

<html>

<body> <TABLE BORDER = 1 >

<TR ALIGN=“CENTER” VALIGN=”MIDDLE”>

<TD COLSPAN = 8> Marks Details </TD>

</TR>

<TR ALIGN=“CENTER” VALIGN=”MIDDLE”>

<TD ROWSPAN = 2> Roll No </TD>

<TD ROWSPAN = 2> Name </TD>

<TD ROWSPAN = 2> English </TD>

<TD COLSPAN = 3 > Science </TD>

<TD ROWSPAN = 2> Maths </TD>

<TD ROWSPAN = 2> FIT</TD>

</TR>

<TD > Phy.</TD>

<TD > Chem</TD>

<TD > Bio </TD>

</TR>

<TR>

<TD> 1</TD>

<TD> Arjun Puri</TD>

<TD> 78</TD>

<TD> 28</TD>

<TD> 29 </TD>

<TD> 27 </TD>

<TD> 89</TD>

<TD> 88</TD>

</TR>

<TR>

<TD> 2</TD>

<TD> Rayan Bhargava</TD>

<TD> 82</TD>

<TD> 29</TD>

<TD> 28 </TD>

<TD> 28 </TD>

<TD> 90</TD>

<TD> 89</TD>

</TR>

<TR>

<TD> 3</TD>

<TD> Rohan Sharma</TD>

<TD> 81</TD>

<TD> 27</TD>

<TD> 26 </TD>

<TD> 25 </TD>

Solutions

<TD> 85</TD>

<TD> 86</TD>

</TR>

</TABLE>

</body>

</html>

(b) <html>

<head>

<title>

Olympics Winners

</title>

</head>

<body>

<Img src="D:\images\flag.jpg"align="left" height=100 width=200>

<Img src="D:\images\Olympics.jpg"align="right" height=100 width=200>

<Font color="red" size="10"> Indian Olympics 2012 Winner</font><br><br><br><br>

<hr>

<Font size="3">India competed at the 2012 Summer Olympics in London, United Kingdom, from 27 July to 12 August 2012. The Indian Olympic Association sent the nation's largest delegation to the Games in Olympic history. A total of 83 athletes, 60 men and 23 women, competed in 13 sports. Men's field hockey was the only team-based sport in which India had its representation in these Olympic games.</font><br>

<TABLE BORDER="2" align="center" bgcolor="pink">

<TR>

<Th> Name</Th>

<Th> Image</Th>

<Th> Game</Th>

<Th> Medal</Th>

</TR>

<TR>

<TD>Gagan Narang</TD>

<TD><Img src="D:\images\Gagan.jpg"align="left" height=75 width=75></TD>

<TD> Shooting-Men's 10m Air Rifle</TD>

<TD> Bronze</TD>

</TR>

<TR>

<TD>Vijay Kumar</TD>

<TD> <Img src="D:\images\VijayKumar.jpg"align="left" height=75 width=75></TD>

<TD> Shooting- Men's 25m Rapid Fire Pistol</TD>

<TD> Silver</TD>

</TR>

<TR>

<TD>Sushil Kumar</TD>

<TD> <Img src="D:\images\Sushil.jpg"align="left" height=75 width=75></TD>

<TD> 66 kg Freestyle wrestling</TD>

<TD> Silver</TD>

</TR>

<TR>

<TD>Yogeshwar Dutt</TD>

<TD> <Img src="D:\images\Dutt.jpg"align="left" height=75 width=75></TD>

<TD> 60 kg freestyle wrestling</TD>

<TD> Bronze</TD>

</TR>

<TR>

<TD>Mary Kom</TD>

<TD> <Img src="D:\images\Mary.jpg"align="left" height=75 width=75></TD>

<TD> Boxing 51 kg</TD>

<TD> Bronze</TD>

</TR>

<TR>

<TD>Saina Nehwal</TD>

<TD> <Img src="D:\images\Saina.jpg"align="left" height=75 width=75></TD>

<TD> Badminton</TD>

<TD> Bronze</TD>

</TR>

</TABLE>

</body>

</html>