Vidya Devi Jindal School
Kosi Kalan, Mathura

COMPUTER APPLICATIONS
HOLIDAY HOMEWORK
CLASS - XC

[Note: Do all homework in your classwork copy]

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ASSIGNMENT

1. Internet Basics:
    (a) Learn questions and answers given at the end of Chapter in the book by Sumita Arora

    (b) Learn all the Notes.

2. Prepare a webpage on the topic "Internet Protocols" in HTML and submit its soft copy in pen drive. . Include all the tags you have practices till now.

3. Prepare a website on "Art Integrated Project" on any topic. It should have at least 5 webpages linked with each other. Use in HTML and submit its soft copy in pen drive. You can make a group of 3 to 5 students for each topic. Include all the tags you have practices till now.

Examples of topics: Artificial Intelligence, Computer languages, Cyber Laws, e-learning, e-reservation, e-business, cyber frauds and securities, effects of social networking etc.

4. Write the following questions and answer in your classwork copy and learn them:

Very Short Answer Type Questions [1 Mark each]

Question 1. HTML is a markup language. Expand the term HTML.

Answer: HyperText Markup Language.

Question 2. Give examples of a container element in HTML.

Answer: <HEAD>, <TITLE>, <BODY>.

Question 3. Give the examples of an empty element in HTML.

Answer:
, <HR>

Question 4. Write the extension of HTML code file.

Answer: .html or .htm

Question 5. What is the method of viewing the source code of the current page in the Web browser?

Answer: Right click on the Web page and then select View Source from the context menu.

Question 6. While writing HTML code, how do you find out how your Web page would look like?

Answer: For this, open the HTML code file in a Web browser.

Question 7. Write HTML code to set the image 'Pen. jpg' stored in 'My Pictures' folder in C: as the background of your Web page.

Answer: The HTML code is <BODY background="C:\My Pictures \Pen.jpg">.

Question 8. Identify the error(s) in the following HTML code. Also, write the correct code. CBSE 2008

<BODY color="red" background ="school.j pg">

Answer: The error in the code is that in place of color attribute there should be bgcolor. The correct code is

<BODY bgcolor ="red" background ="school.jpg">

Question 9. Write one basic difference between bgcolor and background attributes.

Answer: The bgcolor attribute is used for coloring the background of the document while background attribute specifies a background image for a document.

Question 10. Name two common graphic files formats that most browser recognise.

Answer: The two common graphic file formats are: .gif and .jpg.

Question 11. What is the use of width attribute in HTML?

Answer: Width attribute specifies the width of a horizontal line in pixels or percent. Its default value is 100%.

Question 12. What do you understand by option alink used with <BODY> tag?

Answer: alink attribute defines the color of the link as it is being clicked on the Web page. The default color of alink is red.

Question 13. What do you understand by option vlink used with <BODY> tag?

Answer: vlink attribute defines the color of a link after it has been visited. The default color of vlink attribute is purple.

Question 14. Explain the following statement:

<BODY bgcolor="yellow" text ="red" vlink="blue">

Answer: The code will set the Web page background color as yellow, text color as red and visited link color as blue.

Question 15. How the font size of a single line on a Web page be changed? **Answer:** The font size of a single line can be changed by using the following HTML code: <FONT size =+1> This is a HTML text </FONT>.

Question 16. What is the use of <FONT> tag in HTML code? Write any two options used with this tag. CBSE 2002

Answer: The <FONT> tag is used to change the size, color and type face of the text on HTML page. It uses attributes such as size, face etc.

Question 17. Identify the errors and write the correct HTML code

1. **<BODY background = "red">**
2. **<FONT type ="arial ">**

Answer:

1. <BODY bgcolor="red">
2. <FONT face="arial">

Question 18. Why do we insert comments in an HTML document, even though they are not displayed on a Web page? CBSE 2005

Answer: So, that user will be able to understand coding effects and meaning.

Question 19. What is the method of using comment line in the HTML code? CBSE 2005, 03

Answer: In HTML code, the comment line is declared as <!–Any text –>

Question 20. Which heading element gives the most prominent headings?

Answer: <H1>

Question 21. Which tag is used to insert heading of third level on a Web page?

Answer: <H3>

Question 22. What is the purpose of using the tags <H1>...<H6>? CBSE 2004

or

What is the method of using headings in HTML? CBSE 2004

or

Write the difference between <H1> and <H6> heading tags. CBSE2008

Answer: <HTML> provides six levels of headings. <H1> is the largest heading level while <H6> is the smallest heading level. These headings help us in obtaining a uniform look and feel for the document.

Question 23. How can anyone insert horizontal line in a Webpage? CBSE 2005

Answer: Using <HR> tag, anyone can insert horizontal line in a Web page.

Question 24. How would you display text in the title bar of a browser? CBSE 2005

Answer: To display text in a title bar of a browser, use the <TITLE> tag inside the <HEAD> tag in the HTML document.

 e.g.
 <HTML>
 <HEAD>
 <TITLE> HTML document </TITLE>
 </HEAD>
 </HTML>

Question 25. Explain the following statement:

<HR size="5" align="right" width="60"> CBSE 2004

Answer: The given HTML code produces a horizontal rule with size 5, aligning right on page and of width 60.

Question 26. Write the HTML code to display horizontal line of red color. CBSE 2015

Answer: <HR color = "red">

Question 27. Write the expansions of the following tags used in HTML. CBSE 2004

1.
2. <I>
3. <HR>
4. <U>

Answer:

1.
 — Break line
2. <I> — Italic
3. <HR> – Horizontal Rule
4. <U> — Underline

Question 28. Write the expansions of the following tags used in HTML.

1. <A>
2. <!>

Answer:

1. <A> – Anchor tag
2. <!> – Comment tag

Question 29. **Which HTML tag is used to insert an image in a page? Write an option used with this tag. CBSE 2002**

Answer: The <IMG> tag is used to insert an image in a page. This tag uses the options like src, alt etc.

Question 30. **What do you mean by src?**

Answer: The src is an attribute of <IMG> tag. It gives the URL of the image document.

Question 31. **Write the full form of the following tags:**

1. <LI>
2. <IMG>

Answer:

1. <LI>-List item
2. <IMG>-Image

Question 32. **What are the different forms of list used in HTML? Name any two. CBSE 2004**

Answer: The different forms of list are ordered list and unordered list.

Question 33. **What are two basic tags in HTML lists?**

Answer: <OL> and <UL>

Question 34. **What does a <LI> create when used in an unordered list?**

Answer: <LI> creates bulleted points for each list item.

Question 35. **Can you change the style of numbers in an ordered list?**

Answer: Yes, we can change the style of numbers in an ordered list.

Question 36. **Write the expansions of the following tags.**

1. **<P>**
2. **<UL>**
3. **<OL>**
4. **<B>**

Answer:

1. <P>-Paragraph
2. <UL>-Unordered list
3. <0>-Ordered list
4. <B >-Bold

Question 37. **Find error(s) in the following HTML code segment. Rewrite the correct code.**

<UL style = square>
<LI> Water Bottles
<LI> Lunch Box
<LI> Handkerchief
</UL>

Answer: There should be type instead of style. So, correct line is <UL type ="square">

Short Answer Type Questions [2 & 3 Marks each]

Question 1. What is the purpose of HTML?

Answer: HTML (HyperText Markup Language) is used to create Web pages and tells the browser how to display them. It designs the basic layout and formatting of Web pages. HTML is made up of elements or tags and attributes, which work together to identify document parts and tell browser how to display them.

Question 2. What is an attribute in HTML?

Answer: HTML attribute is a modifier of HTML element. Attributes provide additional information about HTML elements. Attributes are always specified in rhe start tag of an element, after the element's name. These come in name/value pairs like name="value".

Syntax

<TAG name = "val-ue"> (content to be modified by the tag) </TAG>

Where, TAG is the HTML element, name is the name of an attribute, set to the provided value.

Question 3. What is the purpose of using HTML tags and attributes for Web designing? **CBSE 2013**

Answer: HTML (HyperText Markup Language) is used to create Web pages. It designs the basic layout and formatting of Web pages by using tags and attributes.

The tag's name tells the tag's purpose and the attributes that follow the tag name give the additional information of the Web browser.

Question 4. Differentiate between container and empty elements used in HTML.

or

Distinguish between container and empty tags.

or

Sriram software solution has used different tags in its Website some are empty while majority are container. Give the detailed difference between container and empty elements.

Answer:

Container elements HTML container elements require a starting as well as an ending tags. e-g <HTML>, <HEAD>, <BODY>.

They affect the text appearing between their starting and ending tags.
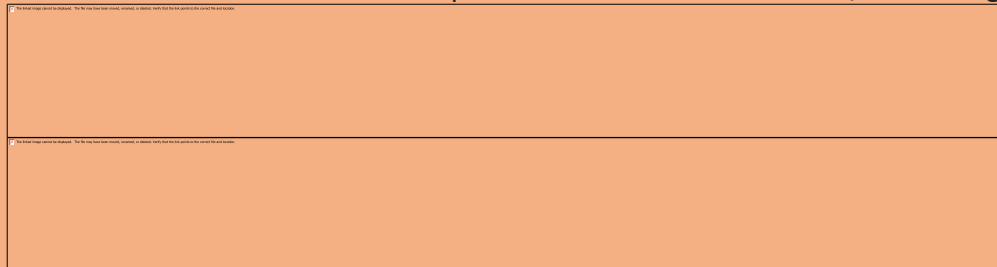
Empty elements HTML empty elements require just a starting tag and not an ending tag. e.g.

<IMG> ,
 , <HR>.

They just carry out the job assigned to them.

Question 5. What is the <TITLE> tag?

Answer: This tag defines the title of the document. Title must be a simple text and should not be same as the file name. It is placed between <HEAD> and </HEAD> tags.

Question 6. Find the error(s) in the following code and underline those errors.

<HTML>
<HEAD>

```
<TITLE> Example </HEAD>
</TITLE>
<BODY> ........... </BODY>
</HTML>
```
Answer:
`</TITLE>` should be placed before `</HEAD>`
The correct code is
```
<HTML>
<HEAD>
<TITLE> Example </TITLE>
</HEAD>
<BODY> </BODY>
</HTML>
```
Question 7. What is the use of <BODY> tag in HTML code? Write any two attributes used with this tag.

or

What does <BODY> tag in HTML contain? Write any two attributes used with this tag.

Answer: The <BODY> tag encloses the main part of the document. It contains all the contents of a document. Various markup elements are allowed within the body to indicate heading, paragraphs, lists, hypertext links, images and so on. The <BODY> tag uses various attributes such as background, bgcolor etc.

Question 8. Which tag do we use to change the size and style (face) of the text of an HTML file viewed on a Web browser? Also, explain any two attributes used with this tag.

Answer: <FONT> tag is used to change the size and style (face) of the text of an HTML file displayed on a Web browser. Two attributes of <FONT> tag are as follows: **size:** It specifies the size of the text inside a <FONT> tag.

Syntax: <F0NT size="number">

face: It specifies the font name of the text inside a <FONT> tag.

Syntax: <FONT face="Font_family">

Question 9. Write the HTML code to set the bgcolor as pink, heading level 2, text This is pink background' as black and topmargin 60.

Answer:
```
<HTML>
<BODY bgcolor = "pink" topmargin="60" text= "black">
<H2>This is pink background</H2>
</BODY >
</HTML>
```
Question 10. List any two types of alignment that can be applied to a paragraph in HTML.

Answer: Any two types of alignment that can be applied to a paragraph are as follows:

Left alignment: This type of alignment aligns text in left. This is the default alignment.

Syntax
```
<P align="left"> </P>
```
Right alignment: This type of alignment aligns text in right within the paragraph.

Syntax
```
<P align="right"> </P>
```
Question 11. Write the HTML code to create a paragraph whose text color is blue.

Answer:

```
<P>
<FONT color="blue">
</FONT>
</P> or
</P style = "color : blue">
```

Question 12. **What is the function of <HR> tag in HTML? Give any two attributes used with it.**

or

List any two attributes of <HR> tag.

Answer: <HR> tag is used to draw horizontal lines in the Web page. This horizontal line divides the screen horizontally. <HR> tag creates a shaded horizontal line between text. Attributes of <HR> tag are size, align and width.

Question 13. **Difference between <BR> and <HR> tags.**

Answer:
 tag is used to insert a line break which means the text/image following the tag will be moved to the next line while <HR> tag is used to insert horizontal line that can divide the information into sections.

Question 14. **Explain the following with the help of an example:**

1. **<U>........</U>**
2. **<I>........</I>**

Answer:

1. <U>........</U>. This element is used to underline the text.
   e.g. <U> School </U>
   Output
   School
2. <I>.......</I>. This element marks up text in italic form.
   e.g. <I> Hello </I>
   Output
   Hello

Question 15. **How is <OL> tag different from <UL> tag?**

Answer: <OL> tag is used to indicate a list item as contained in an ordered or numbered form. <UL> tag is used to indicate a list item as contained in an unordered or bulleted form.

Question 16. **What is the purpose of using type attribute used in lists?**

Answer: type attribute specifies the type of numbers or bullets depending on whether the list item is inside an ordered list or unordered list.

Question 17. **What is the purpose of using start attribute used in lists?**

Answer: This attribute is used to change the beginning value of an ordered list. Normally, the ordered list begins with 1. It lets you further customise an HTML ordered list by setting a new starting digit for the ordered list element.

Syntax

```
<OL start="value" type = "value">
```

e.g.

```
<HTML>
<HEAD>
<TITLE>
Ordered List with type attribute
```

```
</TITLE>
</HEAD>
<BODY>
<OL start='1" type="1" >
<LI> Rose </LI>
<LI> Lotus </LI>
<LI> Lily </LI>
</OL>
</B0DY>
</HTML>
```
Output

1. Rose
2. Lotus
3. Lily

Question 18. **What is the output of the following segment of the HTML code?**
```
<BODY>
<HR width="50%">
<UL>
<LI> MANGO </LI>
<LI> APPLE </LI>
<LI> GRAPES </LI>
</UL> </BODY>
```
Answer:
Output

- MANGO
- APPLE
- GRAPES

Question 19. **Explain the following with the help of an example.**
(a) <B>……..</B>
(b) <OL type ="1">
Answer:
(a) <B> tag makes the text bold.
e.g. <B> This is a bold text </B>
Output
This is a bold text
(b) <OL> tag with attribute type of value "1" displays the lists of items with arabic numerals,
e.g.<OL type="1">
```
<LI> Mango </LI>
<LI> Apple </LI>
<LI> Banana </LI>
</OL>
```
Output
1. Mango 2. Apple 3. Banana

Question 20. What is the <OL>........</OL> tag? Name any two attributes used with this tag.

Answer:

<OL>………</OL> tag is used for the ordered list, i.e. a list of items to be displayed in a particular order. An ordered list is also a list of items. An ordered list starts with the <OL> tag. Each list item starts with the <LI> tag.

e.g.

<OL>

<LI> A </LI>

<LI> B </LI>

</OL>

Two attributes of <OL> tag are: start and type.

Question 21. What is definition list?

Answer: Definition List

This is a list of items, with a description of each item. HTML definition lists (<DL>) are indented list without any bullet symbol or any number in front of each item. This list elements have a unique array of tags and elements; the resulting lists are similar to those you would see in a dictionary.

Tags used in definition lists are as follows:

- <DL> Opening tag that detines the start of the list.
- <DT> List item that defines the definition term.
- <DD> Definition of the list item.
- </DL> Closing tag that defines the end of the list.

Question 22. Identify error(s) in the following HTML code. Also, write the correct code.

<OL> type="a" start="d">

Answer:<OL> tag's attributes should be placed in between <and>. In <OL> list, the start attribute must be set to a numeric value and type attribute specifies 'A', 'a', T 'i' or '1'. So, the correct code is <OL type="a" start="4">

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