

## HTML-II: LISTS, TABLES AND FORMS

### TYPE A: Very Short Answer Questions

<b>1</b>	<b>What type of lists are supported by HTML?</b>
<b>Ans.</b>	There are three types of lists are supported by HTML. 1. Unnumbered 2. Numbered 3. definition
<b>2</b>	<b>Which three tags let you create the definition lists?</b>
<b>Ans.</b>	1. <DL> - Definition list 2. <DT> - Definition term 3. <DD> - Definition description
<b>3</b>	<b>Which two tags let you create the (i) Unnumbered list?      ii) Numbered list?</b>
<b>Ans.</b>	(i) <UL> (ii) <OL>
<b>4</b>	<b>What is the table? Which tag is used to create tables in HTML?</b>
<b>Ans.</b>	A <b>table</b> is a collection of rows and column. <TABLE> tag is used to create tables in HTML.
<b>5</b>	<b>Which attributes are used to give border to table?</b>
<b>Ans.</b>	BORDER attribute is used to give border to table.
<b>6</b>	<b>Which attributes lets you control the display of select border sides of a table?</b>
<b>Ans.</b>	FRAME attribute lets you control the display of select border sides of a table.
<b>7</b>	<b>Which attribute is used to control the inside table border?</b>
<b>Ans.</b>	RULES attribute is used to control the inside table border.
<b>8</b>	<b>How is spacing in cells of table controlled?</b>
<b>Ans.</b>	To control the spacing in cells, The CELSPACING and CELLPADDING attributes can be used.
<b>9</b>	<b>What is the role of ALIGN attribute of &lt;TABLE&gt; tag?</b>
<b>Ans.</b>	Align attribute is used to align the table. It specifies the alignment of a table according to the surrounding text. It can have values left, right or center.
<b>10</b>	<b>What is the use of having a SUMMARY attribute in &lt;TABLE&gt; tag?</b>
<b>Ans.</b>	The summary attribute specifies a summary of the content of a table. It makes no visual difference in ordinary web browsers.
<b>11</b>	<b>How can you specify following in a table? (i) Background image      ii) Background colour. (ii) Table height      vi) Table width.</b>
<b>Ans.</b>	(i) <TABLE BACKGROUND = "D:\Bg3.jpg"> (ii) <TABLE BGCOLOR = "RED"> (iii) <TABLE HEIGHT = 100> (iv) <TABLE WIDTH = 70>
<b>12</b>	<b>Which tag is used to specify (i) Table data?      li) Table header?      iii) Table row?</b>
<b>Ans.</b>	(I) <TD> (II) <TH> (III) <TR>
<b>13</b>	<b>Name the attributes used for following? (i) Setting the cell width      ii) Setting cell's background image      iii) Setting cell's background colour vi ) Changing the cell span      v) Aligning cell contents vertically.</b>
<b>Ans.</b>	(i) WIDTH (ii) BACKGROUND (iii) BGCOLOR

	(iv) ROWSPAN AND COLSPAN (v) VALIGN
<b>14</b>	<b>What for are &lt;TH&gt; and &lt;TR&gt; tags used?</b>
<b>Ans.</b>	<TH> is used for table header and <TR> is used for table row.
<b>15</b>	<b>A set of header rows is defined using _____ tag.</b>
<b>Ans.</b>	A set of header rows is defined using < THEAD > tag.
<b>16</b>	<b>What are forms?</b>
<b>Ans.</b>	Forms are means to collect information/data from the site-visitor. It is done with the help of controls that collect the information and send it over.
<b>17</b>	<b>What do you understand by controls in forms?</b>
<b>Ans.</b>	Users interact with forms through named controls. A control's "control name" is given by its name attribute. Each control has both an initial value and a current value, both of which are character strings.
<b>18</b>	<b>Name different control types supported by HTML forms.</b>
<b>Ans.</b>	<ol style="list-style-type: none"> <li>Buttons</li> <li>Checkboxes</li> <li>Radio buttons</li> <li>Menus</li> <li>Password</li> <li>Text input</li> <li>Hidden controls</li> </ol>
<b>19</b>	<b>Write the tags to define the following:</b>
	<b>(i) A text box</b> <b>(ii) A text area</b> <b>(iii) A radio button</b> <b>(iv) A check box</b> <b>(v) A password box</b> <b>(vi) A pop up box</b> <b>(vii) Submit button</b> <b>(viii) A label.</b>
<b>Ans.</b>	(i) <INPUT type = "text" > (ii) <TEXTAREA> (iii) <INPUT type = "radio"> (iv) <INPUT type = "checkbox"> (v) <INPUT type = "password"> (vi) HTML does not have any pop component, for this we can use any scripting language. (vii) <BUTTON type = "submit"> (viii) <label for="male">label name</label>

### **TYPE B: Short Answer Questions**

<b>1</b>	<b>Differentiate between ordered and unordered lists.</b>
<b>Ans.</b>	The < ol > tag is used for defining ordered or numbered lists. In these lists, a number or letter appears in front of each list item. The < ul > tag is used for defining unnumbered lists (or unordered lists). They have a special bullet symbol in front of each item.
<b>2</b>	<b>How will you nest an unordered list inside an ordered list?</b>
<b>Ans.</b>	<pre> &lt;html&gt; &lt;head&gt; &lt;title&gt; set of list &lt;/title&gt; &lt;/head&gt; &lt;body&gt; </pre>

	<pre> &lt;ol&gt; &lt;li&gt;First order point &lt;ul&gt;   &lt;li&gt;First unordered list item&lt;/li&gt;   &lt;li&gt;Second unordered list item&lt;/li&gt; &lt;/ul&gt; &lt;/li&gt; &lt;li&gt;Another ordered point&lt;/li&gt; &lt;/ol&gt; &lt;/body&gt; &lt;/html&gt; </pre>										
<b>3</b>	<b>How would you indent a single word and put a square bullet in front of it?</b>										
<b>Ans.</b>	<pre> &lt;ul type="square"&gt;&lt;li&gt;example&lt;/li&gt;&lt;/ul&gt; (Putting the type="square" in the &lt;li&gt; tag would give the same result because there's only one item in this list.) </pre>										
<b>4</b>	<b>Write the HTML to create the following indentation effect:</b> <b>Apple pie,</b> <b>pudding,</b> <b>and pancake,</b> <b>all begin with an A.</b>										
<b>Ans.</b>	<pre> &lt;html&gt; &lt;head&gt; &lt;title&gt;example &lt;/title&gt; &lt;/head&gt; &lt;body&gt; &lt;dl&gt; &lt;dt&gt;Apple pie,&lt;/dt&gt; &lt;dd&gt;pudding,&lt;/dd&gt; &lt;dl&gt; &lt;dd&gt;and pancake,&lt;/dd&gt; &lt;/dl&gt; All begin with an A. &lt;/dl&gt; &lt;/body&gt; &lt;/html&gt; </pre>										
<b>5</b>	<b>Use a definition list to show that the word "glunch" means "a look of disdain, anger, or displeasure" and that the word "glumpy" means "sullen, morose, or sulky."</b>										
<b>Ans.</b>	<pre> &lt;html&gt; &lt;head&gt; &lt;title&gt;example &lt;/title&gt; &lt;/head&gt; &lt;body&gt; &lt;DL&gt;   &lt;DT&gt;glunch     &lt;DD&gt;a look of disdain, anger, or displeasure.   &lt;DT&gt;glumpy     &lt;DD&gt;sullen, morose, or sulky. &lt;/DL&gt; &lt;/body&gt; &lt;/html&gt; </pre>										
<b>6</b>	<b>Write code to produce following HTML tables?</b> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <b>i)</b> <table border="1" style="border-collapse: collapse;"> <tr> <td style="padding: 5px;">A</td> <td style="padding: 5px;">B</td> </tr> <tr> <td></td> <td style="padding: 5px;">C</td> </tr> </table> </div> <div style="text-align: center;"> <b>ii)</b> <table border="1" style="border-collapse: collapse;"> <tr> <td style="padding: 5px;">A</td> <td style="padding: 5px;">D</td> </tr> <tr> <td style="padding: 5px;">B</td> <td style="padding: 5px;">E</td> </tr> <tr> <td style="padding: 5px;">C</td> <td style="padding: 5px;">F</td> </tr> </table> </div> </div>	A	B		C	A	D	B	E	C	F
A	B										
	C										
A	D										
B	E										
C	F										

	iii)	A	C	E	iv)	A	B	C	D													
		B	D	F		B	D	F	H													
	v)	<table><tr><td>A</td><td>B</td><td>C</td></tr><tr><td>D</td><td>E</td><td>F</td></tr></table>			A	B	C	D	E	F	vi)	<table><tr><td>A</td><td>B</td><td>C</td><td>D</td></tr><tr><td>B</td><td>F</td><td>G</td><td>H</td></tr></table>				A	B	C	D	B	F	G
A	B	C																				
D	E	F																				
A	B	C	D																			
B	F	G	H																			

**Ans.** (i)  

```
<html>
<body>
<table border=
<tr><td rowspan="2" align="center">A</td>
<td >B</td>
</tr>
<tr>
<td >C</td>
</tr>
</table>
</body>
</html>
```

(ii)  

```
<html>
<body>
<table border="1" frame="void" >
<tr>
<td>A</td>
<td>D</td>
</tr>
<tr>
<td >B</td>
<td >E</td>
</tr>
<tr>
<td >C</td>
<td >F</td>
</tr>
</table>
</body>
</html>
```

(iii)  

```
<html>
<body>
<table border="1" frame="lhs" >
<tr>
<td>A</td>
<td>C</td>
<td>E</td>
</tr>
<tr>
<td >B</td>
<td >D</td>
<td>F</td>
</tr>
</table>
```

```
</body>
</html>
```

**(iv)**

```
<html>
<body>
<table border="1" frame="above" >
<tr>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
</tr>
<tr>
<td >B</td>
<td >D</td>
<td>F</td>
<td>H</td>
</tr>
</table>
</body>
</html>
```

**(v)**

```
<html>
<body>
<table frame="border" rules="cols">
<tr>
<td>A</td>
<td>B</td>
<td>C</td>
</tr>
<tr>
<td >D</td>
<td >E</td>
<td>F</td>
</tr>
</table>
</body>
</html>
```

**(vi)**

```
<html>
<body>
<table border="1" frame="box" rules="groups">
<tr>
<td>A</td>
<td>B</td>
<td>C</td>
<td>D</td>
</tr>
<tr>
<td >B</td>
<td >F</td>
<td>G</td>
<td>H</td>
```

	<pre>&lt;/tr&gt; &lt;/table&gt; &lt;/body&gt; &lt;/html&gt;</pre>												
7	<b>Write HTML to produce a table having a background image image.gif stored in pictures folder of D: drive and having height of 200 pixels and width of 130 pixels.</b>												
Ans.	<pre>&lt;html&gt; &lt;body&gt; &lt;table border="3" background="D:\pictures\image.jpg" height=200 width=130&gt; &lt;tr&gt; &lt;td&gt; cell &lt;/td&gt; &lt;td&gt; cell &lt;/td&gt; &lt;/tr&gt; &lt;tr&gt; &lt;td&gt; cell &lt;/td&gt; &lt;td&gt; cell &lt;/td&gt; &lt;/tr&gt; &lt;/table&gt; &lt;/body&gt; &lt;/html&gt;</pre>												
8	<b>Create following HTML table</b> <table><tr><td><b>A</b></td><td colspan="2"><b>B</b></td><td></td></tr><tr><td><b>C</b></td><td><b>D</b></td><td><b>E</b></td><td><b>F</b></td></tr><tr><td><b>G</b></td><td colspan="2"><b>H</b></td><td></td></tr></table>	<b>A</b>	<b>B</b>			<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>		
<b>A</b>	<b>B</b>												
<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>										
<b>G</b>	<b>H</b>												
Ans.	<pre>&lt;html&gt; &lt;body&gt; &lt;table width="132" border="1"&gt; &lt;tr align="center"&gt; &lt;td width="22" rowspan="3"&gt;A&lt;br/&gt;C&lt;br /&gt;G&lt;br /&gt;&lt;/td&gt; &lt;td colspan=3 align="center"&gt;B&lt;/td&gt; &lt;/tr&gt; &lt;tr align="center"&gt; &lt;td width="29"&gt;D&lt;/td&gt; &lt;td width="24"&gt;E&lt;/td&gt; &lt;td width="29" rowspan=2&gt;F&lt;/td&gt; &lt;/tr&gt; &lt;tr align="center"&gt; &lt;td colspan=2 align="center"&gt;H&lt;/td&gt; &lt;/tr&gt; &lt;/table&gt; &lt;/body&gt; &lt;/html&gt;</pre>												
9	<b>Create a table having three header rows with yellow background colour, five table-body rows having pink colour and two footer rows having cyan colour. Assume table contents on your own.</b>												
Ans.	<pre>&lt;html&gt; &lt;body&gt; &lt;table border="1"&gt; &lt;thead bgcolor="yellow"&gt; &lt;tr&gt; &lt;td&gt;header 1&lt;/td&gt; &lt;/tr&gt; &lt;tr&gt; &lt;td&gt; header 2 &lt;/td&gt; &lt;/tr&gt; &lt;tr&gt;</pre>												

	<pre> &lt;td&gt; header 3 &lt;/td&gt; &lt;/tr&gt; &lt;/thead&gt; &lt;tbody bgcolor="pink"&gt; &lt;tr&gt; &lt;td&gt;body 1&lt;/td&gt; &lt;/tr&gt; &lt;tr&gt; &lt;td&gt; body 2&lt;/td&gt; &lt;/tr&gt; &lt;tr&gt; &lt;td&gt;body 3 &lt;/td&gt; &lt;/tr&gt; &lt;tr&gt; &lt;td&gt;body 4&lt;/td&gt; &lt;/tr&gt; &lt;tr&gt; &lt;td&gt;body 5&lt;/td&gt; &lt;/tr&gt; &lt;/tbody&gt; &lt;tfoot bgcolor="cyan"&gt; &lt;tr&gt; &lt;td&gt;footer 1&lt;/td&gt; &lt;/tr&gt; &lt;tr&gt; &lt;td&gt; footer 2&lt;/td&gt; &lt;/tr&gt; &lt;/tfoot&gt; &lt;/table&gt; &lt;/body&gt; &lt;/html&gt; </pre>
10	<p><b>Write HTML code to produce following controls Grade :</b></p> <p>Grade: <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C</p> <p>Subjects: <input type="checkbox"/> English <input type="checkbox"/> Maths <input type="checkbox"/> Computers <input type="checkbox"/> Accounts <input type="checkbox"/> Economics <input type="checkbox"/> Business Studies.</p>
Ans.	<pre> &lt;html&gt; &lt;body&gt; &lt;form&gt; Grade: &lt;input type="radio" name="grade" value="A"/&gt;A &lt;input type="radio" name="grade" value="B"/&gt;B &lt;input type="radio" name="grade" value="C"/&gt;C &lt;br&gt; Subjects: &lt;input type="checkbox" name="s1" value="english"&gt;English &lt;input type="checkbox" name="s2" value="maths"&gt;Maths &lt;input type="checkbox" name="s3" value="computer"&gt;Computers &lt;input type="checkbox" name="s4" value="account"&gt;Accounts &lt;input type="checkbox" name="s5" value="eco"&gt;Economics &lt;input type="checkbox" name="s6" value="bo"&gt;Business Studies. &lt;/form&gt; &lt;/body&gt; &lt;/html&gt; </pre>
11	<p><b>Write HTML code to produce these controls</b></p> <p>(i) A text box</p> <p>(ii) A text area with 10 rows and 30 columns</p>

	<p>(iii) A password text box</p> <p>(iv) A pop up box to choose class from it.</p>
Ans.	<pre> &lt;html&gt; &lt;body&gt; &lt;form&gt; Name: &lt;input type="text" name="f_name" &gt; &lt;br&gt; &lt;textarea rows="10" cols="30" name="add"&gt; write address here..... &lt;/textarea&gt; &lt;br&gt; password: &lt;input type="password" name="pwd" &gt; &lt;br&gt; Class: &lt;select name="class"&gt; &lt;option value="class10"&gt;Class 10&lt;/option&gt; &lt;option value="class11"&gt;Class 11&lt;/option&gt; &lt;option value="class12"&gt;Class 12&lt;/option&gt; &lt;/select&gt; &lt;/form&gt; &lt;/body&gt; &lt;/html&gt; </pre>

### Type C: Long Answer Questions

1	<p><b>Create web pages to display following sets of lists:</b></p> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>1. one</p> <p>a. uno</p> <p>b. hanna</p> <p>2. two</p> <p>a. dos</p> <p>b. dool</p> <p>3. three</p> <p>a. tres</p> <p>b. set</p> </div> <div style="width: 30%;"> <ul style="list-style-type: none"> <li>• Chevy <ul style="list-style-type: none"> <li>◦ Cavalier</li> <li>◦ Malibu</li> </ul> </li> <li>• Ford <ul style="list-style-type: none"> <li>◦ Escort</li> <li>◦ F100</li> </ul> </li> <li>• Mazda <ul style="list-style-type: none"> <li>◦ 626</li> </ul> </li> </ul> </div> <div style="width: 30%;"> <p><u>Fruit</u></p> <p>Applies, Oranges, Pears, Plums</p> <p><u>Vegetables</u></p> <p>Com</p> <p>on the cob</p> <p>cream</p> <p>Carrots</p> <p>Green Beans</p> </div> </div>
Ans.	<pre> &lt;html&gt; &lt;head&gt; &lt;title&gt; set of list &lt;/title&gt; &lt;/head&gt; &lt;body&gt; &lt;table width="1000"&gt; &lt;tr&gt; &lt;td&gt; &lt;ol&gt; &lt;li&gt; one &lt;ol type="a"&gt; &lt;li&gt;uno &lt;li&gt;hanna &lt;/ol&gt; &lt;li&gt; two &lt;ol type="a"&gt; </pre>



Decimal	English	Hindi	Spanish	Korean
1	One	Ek	Uno	Hanna
2	Two	Dou	Dos	Dool
3	Three	Theen	Tres	Set
4	Four	Chaar	Quatro	Net
5	Five	Paanch	Cinco	Daset

• • •  
9

```

<tr>
<td>Decimal</td>
<td>English</td>
<td>Hindi</td>
<td>Spanish</td>
<td>Korean</td>
</tr>
</thead>
<tbody align="center">
<tr>
<td>1</td>
<td>One</td>
<td>Ek</td>
<td>Uno</td>
<td>Hanna</td>
</tr>
<tr>
<td>2</td>
<td>Two</td>
<td>Dou</td>
<td>Dos</td>
<td>Dool</td>
</tr>
<tr>
<td>3</td>
<td>Three</td>
<td>Theen</td>
<td>Tres</td>
<td>Set</td>
</tr>
<tr>
<td>4</td>
<td>Four</td>
<td>Chaar</td>
<td>Quattro</td>
<td>Net</td>
</tr>
<tr>
<td>5</td>
<td>Five</td>
<td>Paanch</td>
<td>Cinco</td>
<td>Daset</td>
</tr>
</tbody>
</table>
</body>
</html>

```

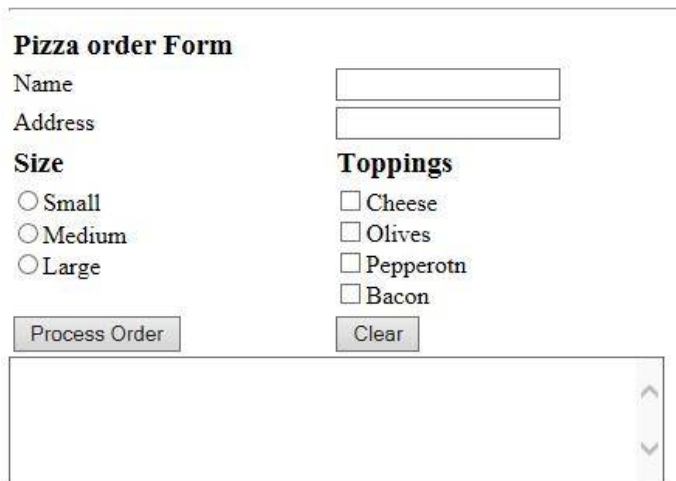
**3** Create a form as given below by using different Form tags and attributes.



```
<input type="radio" name="grade" value="B"/>The inspiring recap about your
childhood.
<br>
<input type="radio" name="grade" value="C"/>The detailed list of your hobbies.
<br><br>
Imagine my site as a book, vedio, or album.<br>
What do you think about my site?<br>
<textarea rows="4" cols="40">ADD MORE DETAILS ABOUT YOUR HOBBIES!
ADD PICTURES OF YOUR CHILHOOD
ADD YOUR FAVOURITES
</textarea>
<br>
<br>
<input type="button" value="Click here to submit">
</form>
</body>
</html>
```

4 Create a webpage that receives pizza orders through a web form as shown below:

## Pizza Factory



Ans.

```
<html>
<head>
<title> form
</title>
</head>
<body>
<h1>Pizza Factory</h1>
<hr>
<form method=post>
<table>
<tr>
<td>
<h3>Pizza order Form</h3>
</td>
<tr>
<td width="200">
Name
</td>
<td>
```

```
<input type="text" id="name">
</td>
</tr>
<tr>
<td>
Address
</td>
<td>
<input type="text" id="name">
</td>
</tr>
<tr>
<td>
<h3>Size</h3>
</td>
<td>
<h3>Toppings</h3>
</td>
</tr>
<tr>
<td>
<input type="radio" name="size" value="A"/>Small
<br>
<input type="radio" name="size" value="B"/>Medium
<br>
<input type="radio" name="size" value="C"/>Large
<br><br>
</td>
<td>
<input type="checkbox" name="s1" value="v1">Cheese
<br>
<input type="checkbox" name="s2" value="v2">Olives
<br>
<input type="checkbox" name="s3" value="v3">Pepperotn
<br>
<input type="checkbox" name="s3" value="v3">Bacon
</td>
</tr>
<tr>
<td>
<input type="button" value="Process Order">
</td>
<td>
<input type="button" value="Clear">
</td>
</tr>
</table>
<textarea rows="5" cols="50">
</textarea>
</form>
</body>
</html>
```