

## "Web applications design" selected multiple-choice questions

Correct answers marked in red

<b>1</b>	<b>The Web is</b>
A	Another name for the Internet
<b>B</b>	<b>A global set of resources logically interrelated</b>
C	An Internet protocol
<b>2</b>	<b>A Uniform Resource Identifier</b>
<b>A</b>	<b>Consists of a URL and a URN</b>
B	Is an Internet protocol
C	Is a layer of the OSI
<b>3</b>	<b>There is a unique set of web design principles</b>
A	There is the 20-principles approach
<b>B</b>	<b>There is not a unique set of principles</b>
C	There is only the 10-principles approach
<b>4</b>	<b>Static HTML pages present content that</b>
<b>A</b>	<b>Does not change in time</b>
B	Changes depending on the visitor
C	Changes on a regular time basis
<b>5</b>	<b>Client-side web programming refers to applications</b>
A	Running on a server
<b>B</b>	<b>Running on a client</b>
C	Running on a server and delivering dynamic content on a client
<b>6</b>	<b>What does HTML stand for?</b>
A	Home Tool Markup Language
B	Hyperlinks and Text Markup Language
<b>C</b>	<b>Hyper Text Markup Language</b>
<b>7</b>	<b>Who is making the Web standards?</b>
<b>A</b>	<b>The World Wide Web Consortium</b>
B	Mozilla
C	Microsoft
<b>8</b>	<b>Choose the correct HTML tag for the largest heading</b>
<b>A</b>	<b>&lt;h1&gt;</b>
B	<head>
C	<heading>
<b>9</b>	<b>What is the correct HTML tag for inserting a line break?</b>
A	<lb>
B	<break>
<b>C</b>	<b>&lt;br&gt;</b>
<b>10</b>	<b>What is the preferred way for adding a background color in HTML?</b>
A	<body back="yellow">
<b>B</b>	<b>&lt;body background="yellow"&gt;</b>
C	<background>yellow</background>
<b>11</b>	<b>Choose the correct HTML tag to make a text bold</b>
<b>A</b>	<b>&lt;b&gt;</b>
B	<bold>
C	<heavy>
<b>12</b>	<b>Choose the correct HTML tag to make a text italic</b>
A	<italics>
<b>B</b>	<b>&lt;i&gt;</b>
C	<decorated>
<b>13</b>	<b>What is the correct HTML for creating a hyperlink?</b>

A	<code>&lt;a name="http://sepdek.net"&gt;sepdek.net&lt;/a&gt;</code>
B	<code>&lt;a&gt;http://sepdek.net&lt;/a&gt;</code>
C	<code>&lt;a href="http://sepdek.net"&gt;sepdek.net&lt;/a&gt;</code>
<b>14</b>	<b>How can you create an e-mail link?</b>
A	<code>&lt;a href="xxx@yyy"&gt;</code>
B	<code>&lt;a href="mailto:xxx@yyy"&gt;</code>
C	<code>&lt;mail&gt;xxx@yyy&lt;/mail&gt;</code>
<b>15</b>	<b>How can you open a link in a new tab/browser window?</b>
A	<code>&lt;a href="url" target="_blank"&gt;</code>
B	<code>&lt;a href="url" target="new"&gt;</code>
C	<code>&lt;a href="url" new&gt;</code>
<b>16</b>	<b>Which of these tags are all &lt;table&gt; tags?</b>
A	<code>&lt;table&gt;&lt;tr&gt;&lt;td&gt;</code>
B	<code>&lt;thead&gt;&lt;body&gt;&lt;tr&gt;</code>
C	<code>&lt;table&gt;&lt;head&gt;&lt;tfoot&gt;</code>
<b>17</b>	<b>Inline elements are normally displayed without starting a new line</b>
A	True
B	False
C	Either true or false
<b>18</b>	<b>How can you make a numbered list?</b>
A	<code>&lt;list&gt;</code>
B	<code>&lt;ul&gt;</code>
C	<code>&lt;ol&gt;</code>
<b>19</b>	<b>How can you make a bulleted list?</b>
A	<code>&lt;list&gt;</code>
B	<code>&lt;ol&gt;</code>
C	<code>&lt;ul&gt;</code>
<b>20</b>	<b>What is the correct HTML for making a checkbox?</b>
A	<code>&lt;checkbox&gt;</code>
B	<code>&lt;input type="check"&gt;</code>
C	<code>&lt;input type="checkbox"&gt;</code>
<b>21</b>	<b>What is the correct HTML for making a text input field?</b>
A	<code>&lt;input type="textfield"&gt;</code>
B	<code>&lt;input type="text"&gt;</code>
C	<code>&lt;textinput type="text"&gt;</code>
<b>22</b>	<b>What is the correct HTML for making a drop-down list?</b>
A	<code>&lt;input type="dropdown"&gt;</code>
B	<code>&lt;select&gt;</code>
C	<code>&lt;input type="list"&gt;</code>
<b>23</b>	<b>What is the correct HTML for making a text area?</b>
A	<code>&lt;input type="textbox"&gt;</code>
B	<code>&lt;textarea&gt;</code>
C	<code>&lt;input type="textarea"&gt;</code>
<b>24</b>	<b>What is the correct HTML for inserting an image?</b>
A	<code>&lt;img src="image.gif" alt="MyImage"&gt;</code>
B	<code>&lt;image src="image.gif" alt="MyImage"&gt;</code>
C	<code>&lt;img href="image.gif" alt="MyImage"&gt;</code>
<b>25</b>	<b>What is the correct HTML for inserting a background image?</b>
A	<code>&lt;body background="background.gif"&gt;</code>
B	<code>&lt;img src="background.gif" background&gt;</code>
C	<code>&lt;background img="background.gif"&gt;</code>

<b>26</b>	<b>JavaScript is</b>
A	A simple programming language derived from Java
<b>B</b>	<b>A scripting language for client-side web applications development</b>
C	A scripting language for server-side web applications development
<b>27</b>	<b>MySQL is</b>
A	A hierarchical database management system
B	An XML native database management system
<b>C</b>	<b>A relational database management system</b>
<b>28</b>	<b>The PHP programming language is used</b>
<b>A</b>	<b>In server-side web applications development</b>
B	In client-side web applications development
C	In mobile application development
<b>29</b>	<b>PHP originally stood for</b>
A	PHP Hypertext Processor
<b>B</b>	<b>Personal Home Pages</b>
C	Personal Hypertext Processor
<b>30</b>	<b>How does PHP work</b>
<b>A</b>	<b>The server invokes a PHP processor to interpret PHP code</b>
B	The PHP code is compiled on the server and sent to the client as HTML
C	The PHP code is compiled on the server and sent to the client as an executable
<b>31</b>	<b>PHP code is enclosed within</b>
A	<php> ... </php> tags
B	No tags needed for PHP
<b>C</b>	<b>&lt;?php ... ?&gt; tag</b>
<b>32</b>	<b>What does this PHP code do? &lt;?php echo "Hello world"; ?&gt;</b>
A	Nothing – this is incorrect
<b>B</b>	<b>Displays the "Hello world" message</b>
C	Displays "echo Hello world" on the client screen
<b>33</b>	<b>MySQL's basic operations include</b>
<b>A</b>	<b>Creating and modifying databases</b>
B	Using PHP to present information
C	Presenting dynamic web pages
<b>33</b>	<b>MySQL's stores tables</b>
<b>A</b>	<b>In various files within a directory for each database</b>
B	In one excel-like file
C	In one data file that includes all data and indices
<b>34</b>	<b>'Select' statements in SQL are used for</b>
A	Selecting the display for presenting database data
B	Converting data from a database into a webpage
<b>C</b>	<b>Fetching data from a SQL-based database</b>
<b>35</b>	<b>PHP can communicate with MySQL to serve data to the web</b>
<b>A</b>	<b>True</b>
B	False
C	Irrelevant