Sample Question Paper

ICT

Class: X

Session 2016-17

Time : 3 hrs			M.M: 70
1		What is the purpose of "FORM" in web page ?	1
2		Identify the following: i. Software that literally spies on what is being done on a computer. ii. It seeks to compromise a DNS server so that users can be redirected to unsafe websites.	1
3		Name any two activities that can be considered as a Theft of Intellectual Property.	1
4		Why is Phishing termed as a form of identity theft?	1
5		Proprietary **software** companies get a copyright for all of its software. What is its utility?	1
6		Name the two of the most common Web attacks that attempts to breach a website.	1
7		Who is a Netizen?	1
8		What is Cyberspace?	1
9		Give any two advantages of CSS.	2
10		Explain Workstation Licence.	2
11		Write the CSS code to insert the image of the butterfly with name btfly.gif as a background image for a web page	2
12		Write the CSS code to change the foreground color of text to #ff0000 in h1 tags	2
13		Write the CSS code to display the text of td tag in centre	2
14		Highlight the importance of DOM component of DHTML.	2
15		Consider the following CSS code: h1 {font-family: arial, comic sans-serif, "Times New Roman";} Explain font-family.	2
16		Consider the following HTML code : Father Name: <input type="text" size = "20" name="FName" > Identify the internal name and explain its relevance.	2
17		What is a firewall?	2
18		Differentiate between GET and POST method of sending data.	2
19		List any 3 items that can be created using DHTML.	3
20		Observe the following code and answer the questions that follow: <html> <head> <title> Find Output	3

		`</title>`
		`</head>`
		`<body>`
		`<select Multiple>`
		`<Option> Science</Option>`
		`<Option> Commerce</Option>`
		`<Option> Humanities</Option>`
		`</select>`
		`</body>`
		`</html>`
		
		    i. What is the use of `<select>` tag in the above code?
		   ii. Explain the purpose of Multiple attribute of `<select>` tag.
		  iii. What output will be produced when the above code is executed?	

21		Observe the following code carefully and answer the questions that follow:
		
		`<html>`
		`<head>`
		`<title>Example</title>`
		`<style type="text/css">`
		`li {`
		`letter-spacing:10px ;`
		`text-transform:uppercase;`
		`}`
		`</style>`
		`</head>`
		`<body> Creation of a project`
		`<ol>`
		`<li>Analysis</li>`
		`<li>Design </li>`
		`<li>Coding</li>`
		`<li>Testing</li>`
		`<li>Maintenance</li>`
		`</ol>`
		`</body>`
		`</html>`
		Predict the output of the above code while explaining the effects applied on `<li>` in the CSS code.
			3

22		Differentiate between Open source , Freeware and Shareware.	3
23		Write code to create the following HTML Form to accept User's Information as part of a Magazine Survey:	4

		User Survey Name: [_____] Address: [_____] Male ○ Female ○ You came to know about our Magazine from : ☐ Friend ☐ Newspaper ☐ TV/Radio ☐ Others Note: Address accepts multiline text.	

24		Create an external style sheet "style.css" with the following specifications for the various HTML
		• <BODY>:
		  Background color should be Aqua( )
		  Foreground color should be Navy( )
		• <H1>
		  Should be underlined and center aligned
		• <P>
		  First line should be indented to 60px
		  Font-weight should be normal
		Write the HTML code to create a link from the HTML document to the style sheet (style.css).Where in the HTML document should the code be placed?
			4

25		List any 4 cyber safety guidelines which should be followed by all the Netizens.	4
26		Multiple Choice Questions	
a)		Name the attribute of the <input> tag that determines the category of controls a) SRC b) value c) name d) type	1
b)		Name the attribute that is specified to set the width of a text. e) limit f) size g) value h) maxlength	1
c)		Is it possible for the developer to restrict the values accepted in a text field by specifying an attribute? a) numeric b) integer c) value d)You cannot restrict text values using HTML.	1

d)		We mask the input typed into a text field by specifying an \<input\> tag as _____.
		    a) password
		    b) secure
		    c) invisible
		    d) hidden
			1

e)		HTML provides an attribute for the \<input\> tag that allows you to encrypt data to make it secure.
		    a) True
		    b) False
			1

f)		Which of the following is correct? a) \<input type="radio" name="animal" value="Zebra"\> Zebra \<input type="radio" name="animal" value="Lion"\> Lion \<input type="radio" name="animal" value="Tiger"\> Tiger b) \<input type="radio" name="Zebra"\> Zebra \<input type="radio" name="Lion"\> Lion \<input type="radio" name="Tiger"\> Tiger	1

g)		Which of the following is most true?
		    a) The \<option\> tag does not have a value attribute. If selected, it passes its displayed value.
		    b) The \<option\> tag only passes values through its value attributes. The displayed value is never displayed.
		    c) The \<option\> tag passes values through the value tag if it is present, and passes the value displayed if the value attribute is not given.
		    d) The purpose of the \<option\> tag is to specify the type of control to use, not to pass values.
			1

h)		In order to clear the values in a form, the developer specifies an \<input\> tag as:
		    a) empty
		    b) clear
		    c) refresh
		    d) reset
			1

i)		Term to describe harassing, taunting, or teasing online
		    a) Cyber bullying
		    b) Flaming
		    c) Trolling
			1

j)		Tricking users into revealing personal information such as passwords and bank account numbers by way of emails pretending to be from actual companies
		    a) Phishing
		    b) Spyware
		    c) Bird Watch
			1

k)		Using someone else's work and taking credit for it a)Fair Use b)Ethical c)to plagiarize	1

l)		Malicious that enters a computer and tracks and gathers personal information
		   a) Phishing
		   b) Spyware
		   c) Malware
			1

m)		Which of the following property is used to create a small-caps effect?
		
		   a) font-family
		   b) font-style
		   c) font-variant
		   d) font-weight
			1

n)		Multiple external style sheets cannot be referenced inside a single HTML document
		   a) True
		   b) False
			1

o)		Which of the following is correct CSS syntax for using font property?
		   a) <p style="font: italic, bold, 25px;"> .... </p>
		   b) <p style="font-style: italic font-weight: bold font-size: 25px;"> .... </p>
		   c) <p style="font: italic bold 25px;"> .... </p>
			1

p)		What are the three methods of implementing CSS?
		
		   a) Direct, Indirect, and External
		   b) Internal, External, and Embedded
		   c) Inline, Embedded, and External
			1

q)		table {color: blue;}
		In the code snippet above, which part represents the property?
		
		   a) table
		   b) color
		   c) blue
			1

r)		Which of the following statements is TRUE for CSS
		   a) An external style sheet is ideal when the style is applied to many pages
		   b) An inline style sheet should be used when a single document has a unique style
		   c) Both A and B above
		   d) An external style sheet can be written in HTML
			1