IS181 TEST 1

Instructions

- 1. This test consists of two(2) questions. Attempt all questions
- 2. Write your name and registration number on each of your answer sheet
- 3. This test carries 20 marks
- 4. Duration: 60 Minutes

QUESTION ONE (9.5 marks)

- (a) For each of the following, choose the most correct answer and write its letter on the answer sheet (0.5 mark each)
 - (i) What type of language id HTML?
 - (A) Scripting Language
 - (B) Markup Language
 - (C) Programming Language
 - (D) Network Protocol
- (ii) What is the correct JavaScript syntax to change the content of HTML element below? cp id="demo">This is a demonstration.
 - (A) document.getElement("p").innerHTML = "Hello World!";
 - (B) #demo.innerHTML = "Hello World!";
 - Odocument.getElementById("demo").innerHTML = "Hello World!";
 - (D)document.getElementByName("p").innerHTML = "Hello World!";
- (iii) Where is the correct place to insert a JavaScript?
 - The <body> section
 - (B) The <head> section
 - (C) The <title> section
 - DBoth the <head> section and the <body> section are correct
- (iv) What is the correct HTML for referring to an external style sheet?
 - (A) <| c| <|
 - (B) <style src="mystyle.css">
 - (C) <stylesheet>mystyle.css</stylesheet>
 - (D) <style rel="mystyle.css">
- (v) Which is the correct CSS syntax?
 - A body {color: black;}
 - (B) body:color=black;
 - (C) {body:color=black;}
 - (D) {body;color:black;}

(vi) What is the correct way to add 1 to the \$count variable in Javascipt?	
(A) count++;	
(B) ++count	
(C) \$count =+1	
D \$count++; •	
(vii) How can you make a bulleted list with numbers in HTML?	
(A) <dl></dl>	
B) 	
(C) < list>	
(D) 	
W. W. Land is used to display a picture in a HTML page?	
(viii) What tag is used to display a picture in a HTML page?	
(A)picture	
(B) image	
(C) img	
(D) src	
(ix) Which HTML attribute is used to define inline styles?	
(A)Font	
(B) Class	
(C) Styles	
(D) Style .	
(x) Which HTML tag produces the biggest heading?	
(A) <h7></h7>	
(B) <h9></h9>	
(C) <h4></h4>	
() <h1></h1>	
(b) State whether each of the following statements is TRUE or FALSE. Write y	your answer in the
answer sheet (0.5 mark each)	Tone
(i) JavaScript does not require variables to have a type before they can be u	ised in a script.
(ii) The following are all valid variable names: _under_bar_ , m928134 , ts	5, j7, her_sales\$,
his_\$account_total, a, b\$, c, z, z2 TRUE	
(iii) A valid JavaScript arithmetic expression with no parentheses is evaluated and the second of th	uated from left to
right. TRUE FALSE blooz evaluation based on re	ted presedence
(iv) <meta/> tag cannot be defined in the <head> tag. FALSE</head>	
Send request to the Search for resource to	data and
Send request to the	that have
Jenner Grunder to the	ctocl
Send requert to the resource to been reque doc or resource - web I meb Jerver	-14
doc or resource - web	

- (c) Fill in the blanks in each of the following statements: (0.5 mark each) ____are used to document a program and improve its readability. Comments (ii) A dialog capable of receiving input from the user is displayed with method of object Prompt (v) A dialog capable of showing a message to the user is displayed with method of QUESTION TWO (10.5 marks) • (a) With the aid of a diagram, brief explain the Client -Server model as applied to web
- applications. (2 marks)

(b) What is the function of each of the elements of a table in HTML? (0.5 mark each)

td - To show table data

th - To show table header

(c) Categorize each of the following as either an element or an attribute: (0.5 mark each)

br lu Element

placeholder is Affibile

(d) What displays in the message dialog when each of the given JavaScript statements is performed? Assume that x = 2 and y = 3. (0.5 mark each)

window.alert("x = " + x); x = 2(i)

window.alert((x + y) + " = " + (y + x)); 5 = 5(ii)

(e) Write JavaScript statements that accomplish each of the following task: (0.5 mark each)

Display the message "Enter two numbers" using the window object.

Assign the product of variables b and c to variable a.

- (f) Describe the following ways of passing arguments to JavaScript functions/methods: (1 mark each)
 - Pass-by-value (i)

Pass-by-reference (ii)

• (g) With an example, briefly explain each part of a URL (1 mark)

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(h) With examples, describe 3 ways/techniques for using CSS in HTML documents?(1.5 marks)

<pr

Call by Value - Means Caller and Call ee have the Independent Variable w 1th differ Same Value. If the Calk emodifier the variable, effectiveac h to the Caller Pars by Reference - Means the Caller and table have same Variable and Jame Value. If the Callee no difie of the Valiable effect seen to the Caller