ROLL NO. _

Diplete – CS (NEW SCHEME) - Code: DC71

Subject: INTERNET APPLICATIONS

Time: 3 Hours

Max. Marks: 100

 (2×10)

DECEMBER 2011

NOTE: There are 9 Questions in all.

- Please write your Roll No. at the space provided on each page immediately after receiving the Question Paper.
- Question 1 is compulsory and carries 20 marks. Answer to Q.1 must be written in the space provided for it in the answer book supplied and nowhere else.
- The answer sheet for the Q.1 will be collected by the invigilator after 45 Minutes of the commencement of the examination.
- Out of the remaining EIGHT Questions, answer any FIVE Questions. Each question carries 16 marks.
- Any required data not explicitly given, may be suitably assumed and stated.

Q.1 Choose the correct or the best alternative in the following:

a. Which element do you use to create an internal style sheet?

(A) <style></th><th>(B) <styles></th></tr><tr><td>(C) <css></td><td>(D) <link></td></tr></tbody></table></style>

b. HTML paragraphs are defined with the _____ tag

(A) <pre></pre>	(B) <para></para>
(C)	(D) <paragraph></paragraph>

c. What is the correct syntax for creating an array named taxRules that contains five elements?

(A) new Array(taxRules) = 5;	(B) Array(taxRules) + 5;
(C) var taxRules = $Array(5)$	(D) var taxRules = new Array(5);

d. Code that executes in response to a specific event is called a(n) _____.

(A) function	(B) procedure
(C) event handler	(D) method

e. What are the different levels to define CSS?

(A) paragraph level only	(B) tag, page and whole site levels
(C) only tag level	(D) only page level

f. In Javascript, what does "1"+2+4 evaluate to?

(A) 124		(B) 7s	
(C) Either of	the above	(D) None of the a	bove

g. The default type for the <INPUT> tag is a

(A) text field	
(C) input field	

(**B**) number field

(**D**) None of the above

- h. Perl is:
 - (A) "the Swiss Army chainsaw of programming languages" due to its flexibility and power
 - (B) "duct tape that holds the Internet together", in reference to its ubiquity and perceived inelegance
 - (**C**) Both (**A**) and (**B**)

(D) None of the these.

i. When CGI program runs, then it creates

(A)	a process	(B)	a thread
(C)	a service	(D)	a transaction

j. Which of the following is not a main component of a Web page form?

(A) Input controls	(B) Output controls
(C) FORM tag	(D) Submit button

Answer any FIVE Questions out of EIGHT Questions. Each question carries 16 marks.

Q.2	a. What's the difference between h1 and the title tag? ((4)
	b. Describe the structure of an XHTML Document. ((6)
	c. How can I use tables to structure forms?	(6)
Q.3	a. Write the proper CSS to give all h1 tags a font-family of Trebuchet, font-siz 28 pixels and a color of # 287755.	ze of (3)
	b. Write the proper CSS to give p tags a margin of 10 pixels on all sides.	(3)
	c. Create a class in CSS called footer that sets the font-size to 10 pixels.	(3)
	d. Explain some of the benefits of using CSS.	(3)
	e. What is a style rule? Provide an example.	(4)
Q.4	a. How to use strings as array indexes using JavaScript? ((3)
	b. How to use "join()" to create a string from an array using JavaScript? ((3)
	c. Describe cookies.	(3)

	d.	How to create an object using JavaScript?	(7)
Q.5	a.	Write web page to convert from Fahrenheit temperatures to Celsius ar versa. The user of this web page simply types a temperature into either te and clicks on the appropriate button to perform the temperature conversi- write the computed value into the other text box.	ext box
	b.	Write a JavaScript function, ComputeArea, to return the area of a circ argument, radius, is a valid floating point number and returns the string radius" if the radius is not valid.	
	c.	Write short notes on: (i) The status bar (ii) Rollover buttons (iii) Moving Images. (2+	2+4)
Q.6	a.	What is hash in perl? Explain some of the features of hash with skeleton c	,
	b.	What are regular expressions in perl? Write a code demonstrating the use variable as a regular expression.	of a (8)
Q.7	a.	Explain Common Gateway Interface (CGI) with its developing application	ns. (8)
	b.	Discuss how to track users with hidden data and what are the practical use so. Are there any precautions to be taken while doing this?	es to do (8)
Q.8	a.	Write a PHP script to create a form that would be used to collect a per- username and password. The form would use the POST method to pas details to this php script which would be called login.php	
	b.	Please write a PHP script to establish a connection with the mysql databas insert a new employee's details entered from a form.	e and (6)
Q.9	а.	What is an XML namespace? What is the purpose of XML names Explain with an example.	spaces? (8)
	b.	Describe the XML schema.	(4)
	c.	What is a DTD? Why is it used?	(4)

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