AU-68

B.Sc. (Part-I) Semester-II Examination

2S: COMPUTER SCIENCE/COMPUTER APPLICATION/INFORMATION TECHNOLOGY (New)

			TECHNO	LOGY (New	v)
			(Web Technology and A	dvanced Pro	gramming in C)
Time : Three Hours]					[Maximum Marks: 80
N.B	s. :—	(2)	Question No. 1 carries 8 m	arks and all o	
(a)	Fill	in th	e blanks:		
	(i)	The	e <title> tag is always plac</td><td>ed inside</td><td>tag.</td></tr><tr><td></td><td>(ii)</td><td>CS</td><td>S stands for</td><td></td><td></td></tr><tr><td></td><td>(iii)</td><td>An</td><td> is a group of homoge</td><td>neous eleme</td><td>nts.</td></tr><tr><td></td><td>(iv)</td><td>Ву</td><td>default the function returns _</td><td> value.</td><td>2</td></tr><tr><td colspan=5>(b) Choose the correct alternatives:</td><td></td></tr><tr><td></td><td>(i)</td><td></td><td> tag is used to specify the</td><td>background</td><td>of the document.</td></tr><tr><td></td><td></td><td>(a)</td><td><BODY></td><td>(b)</td><td></td></tr><tr><td></td><td></td><td>(c)</td><td><HEAD></td><td>(d)</td><td><TITLE*</td></tr><tr><td></td><td>(ii)</td><td>Wh</td><td>at does DTD stand for:</td><td></td><td></td></tr><tr><td></td><td></td><td>(a)</td><td>Dynamic Type Definition</td><td>(b)</td><td>Direct Type Definition</td></tr><tr><td></td><td></td><td>(c)</td><td>Document Type Definition</td><td>(d)</td><td>None of these</td></tr><tr><td></td><td>(iii)</td><td>The</td><td>function defined by the user</td><td>is called:</td><td></td></tr><tr><td></td><td></td><td>(a)</td><td>Standard function</td><td>(b)</td><td>Library function</td></tr><tr><td></td><td></td><td>(c)</td><td>User defined function</td><td>(d)</td><td>Both (a) and (c)</td></tr><tr><td></td><td>d to compare two strings?</td></tr><tr><td></td><td></td><td>(a)</td><td>stringcmp ()</td><td>(b)</td><td>stremp ()</td></tr><tr><td></td><td></td><td>(c)</td><td>strcat ()</td><td>(d)</td><td>strepy () 2</td></tr><tr><td colspan=3>VOX—35784</td><td>•</td><td>1</td><td>(Contd.)</td></tr><tr><td></td><td>(a)</td><td>N.B.:— (a) Fill (i) (ii) (iv) (b) Cho (i) (iii)</td><td>N.B.:— (1) (2) (3) (a) Fill in the (i) The (ii) CSS (iii) An (iv) By (b) Choose to (i) (a) (c) (ii) Wh (a) (c) (iii) The (a) (c) (iv) Wh (a) (c)</td><td>(Web Technology and Admeter Three Hours] N.B.:— (1) All questions are compulsor (2) Question No. 1 carries 8 ma (3) Assume suitable data where (a) Fill in the blanks: (i) The <TITLE> tag is always place (ii) CSS stands for (iii) An is a group of homoge (iv) By default the function returns (b) Choose the correct alternatives: (i) tag is used to specify the (a) <BODY> (c) <HEAD> (ii) What does DTD stand for: (a) Dynamic Type Definition (c) Document Type Definition (iii) The function defined by the user (a) Standard function (b) User defined function (c) User defined function (d) Stringcmp (1) (e) streat (1)</td><td>N.B.:— (1) All questions are compulsory. (2) Question No. 1 carries 8 marks and all of (3) Assume suitable data wherever necessary. (a) Fill in the blanks: (i) The <TITLE> tag is always placed inside (ii) CSS stands for (iii) An is a group of homogeneous eleme (iv) By default the function returns value. (b) Choose the correct alternatives: (i) tag is used to specify the background (a) <BODY> (b) (c) <HEAD> (d) (ii) What does DTD stand for: (a) Dynamic Type Definition (b) (c) Document Type Definition (d) (iii) The function defined by the user is called: (a) Standard function (b) (c) User defined function (d) (iv) Which of the following string functions is used (a) stringcmp() (b) (c) streat() (d)</td></tr></tbody></table></title>		

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(c)	Answer in one sentence each:				
	(i) What is HTML?				
	(ii) What do you mean by valid XML document?				
	(iii) What is array ?				
	(iv) What is structure?	4			
(a)	Explain the structure of HTML document with example.	6			
(b)	Explain the ordered and unordered list with suitable example.	6			
	OR				
(a)	Explain the history of markup languages.	6			
(b)	Explain the following tags with example:				
	(i) 				
	(ii) <link/>				
	(iii) <a>.	6			
(a)	What is stylesheet? Explain applications of stylesheet with example.	6			
(b)	Explain the font properties of stylesheet.	6			
	OR				
(a)	Explain the background and border properties of stylesheet.	6			
(b)	Explain the internal and external stylesheet with example.	6			
(a)	Explain the following:				
	(i) Document prolog				
	(ii) Document instance.	6			
(b)	Explain how attributes are declared in DTD.	6			
	OR				
(a)	Explain the logical structure of XML element with example.	6			
(b)	Explain differences between internal and external DTD with example.	6			
	(a) (b) (a) (b) (a) (b)	(i) What is HTML? (ii) What do you mean by valid XML document? (iii) What is array? (iv) What is structure? (a) Explain the structure of HTML document with example. (b) Explain the ordered and unordered list with suitable example. OR (a) Explain the history of markup languages. (b) Explain the following tags with example: (i) (ii) <link/> (iii) <a>. (a) What is stylesheet? Explain applications of stylesheet with example. (b) Explain the font properties of stylesheet. OR (a) Explain the background and border properties of stylesheet. (b) Explain the internal and external stylesheet with example. (a) Explain the following: (i) Document prolog (ii) Document instance. (b) Explain how attributes are declared in DTD. OR (a) Explain the logical structure of XML element with example.			

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(Contd.)

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8.	(a)	What is two dimensional array? Explain the declaration and initialization of two dimensional array with example.				
	(b)	Explain pointer increments and scale factor with example.	6			
	(-)	OR				
9.	(a)	Write a program in C using pointers to calculate the sum of elements stored in an arr	ray.			
			6			
	(b)	What is string? Explain the declaration and initialization of string variable with examp	de.			
			6			
10.	(a)	Explain the syntax structure of user defined function with example.	6			
	(b)	Explain passing of array elements to the function with example.	6			
		OR				
11. (a) (b)	(a)	Explain the function with arguments and return values with example.				
	(b)	Explain function recursion with suitable example.				
12.	(a)	What is Union? Explain declaration of Union with example.				
	(b)	Explain the following with example:				
		(i) fgetc ()				
		(ii) fputc ()				
		(iii) fgets ()				
		(iv) fputs ().	6			
		OR				
13.	(a)	What is structure? Explain the accessing of structure variable with example.	6			
	(b)	Explain the various operations performed on files with example	6			

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