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SECOND YEAR HIGHER SECONDARY EXAMINATION MARCH 2019

SUBJECT: COMPUTER APPLICATION (COMMERCE)

CODE NO : SY46

QNO	SUB QNS	ANSWER KEY /VALUE POINTS	SCORE	TOTAL
PART A				
1		>> /getfrom/cin /extraction	1	1
2		NULL or '\0'	1	1
3		Modularization / Module /Modularity	1	1
4		var	1	1
5		Management Information System	1	1
PART B				
6		Singned ,unsigned,short,long	1/2X4	2
7		<pre>for (int x=1;x<=50;x=x+5) { cout<<x; }</pre> Partially Correct /Syntax	2 1	2 1
8	i)	An array is a collection of elements of same type place in contiguous memory location /Valid answer	1	2
	ii)	int mark[] = { 50,60,70,80,90} /declaration	1	
9	i)	25	1	2
	ii)	443	1	
10		Valid points for frame/dividing browser into multiple web pages in a single window / all browsers not supporting frame	2	2
11		Correct code OR use of use of	2 1 1	2 1 1
12		isNaN() – check the value is a number or not Number()- converts the data into number type OR Definition or explanation of any one of the above	1 1 2	2
13		CMS is a web based software system which is capable of creating administering and publishing websites Wordpress, Drupal, Joomla	1 $\frac{1}{2} \times 2 = 1$	2
14		20 Or 4x5 5 Or 3+2	1 1	2
15		Any two valid points	1x2	2
16	i)	Correct definition /explanation/relevant points	1	2
	ii)	Correct definition /explanation/relevant points	1	

PART C				
17		Valid three comparisons / Example/ Syntax	3	3
18		Correct program with char array declaration gets()/getline() OR Program structure Declaration Use of gets() or get line()	3 1 1 1	3
19		Valid three Comparisons	3	3
20	i	Correct use/explanation/definitions	1	3
	ii	4 examples	½*4	
21	i	alert() / document.write()		3
	ii	charAt()		
	iii	toLowerCase()	1*3	
22		3 valid points (merits or demerits)	1*3	3
23		Definition of key	1	
		Explanation of 2 keys	1*2	3
		Names only	½*1	
24		Definition	1	
		Explanation of two data independence	1*2	3
		Names only	½*1	
25		Any three situations (add/drop/modify/rename)	1*3	3
26		Any three valid points like improved resource utilization, better communication, provides accurate information etc.	1*3	3
27		Any two valid points or explanation	1½ *2	3
PART D				
28	i	abs()		
	ii	strcmpi()		
	iii	isdigit()	1*5	5
	iv	tolower()		
	v	sqrt()		
29	i	<fieldset>/<FIELDSET>	1	
	ii	Correct code with input tag and type attribute Objects, password, submit, reset, text Input/ form/ type attribute Attributes only	4 1 score each ½ score each	5
30	i	select * from student;	1	
	ii	update student set course = 'science' where course = 'commerce';	1	
	iii	delete from student where percentage<35 ;	1	5
	iv	create view stdview as select * from student where percentage>90; commands only create view command	2 ½ score each 2 score	