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SUBJECT CODE NO:- 2101 FACULTY OF SCIENCE AND TECHNOLOGY

B.Sc. S.Y Sem-III

Examination March/April-2022 (To be held in June/July-2022) Computer Science Code - CS07 Advance C Programming

[Time: 1:53 Hours]		[Max. Marks:50
N.B	Please check whether you have got the right question paper. i) Attempt all questions. ii) Illustrate your answer with suitable labelled diagram.	
Q.1	a) Write difference between structure and union	10
	b) Explain structure declaration and initialization.	10
	a) What is pointer? Explain pointer operator '*' and '&'.	10
	b) Write any data conversion function	10
Q.2	a) Explain # define, # if, # ifdef, # endif processing directives.	10
	b) Write data conversion function in details.	10
\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Write short note on (any four) 1) Fseak () 2) Filling object by color. 3) File handing in 'c'. 4) String function. 5) putc () 6) rewind ()	20
Q.3	Multiple choice question. i) The function is use for a) Helps to avoid repeating a set of statement many times. b) Enhance the logical clarity of program. c) Makes the debugging task easies. d) All of above.	10
	ii) The default parameter passing mechanism is.a) call by values.b) call by refrance	

	c) call by values resu	lt	d) none of above	
iii)	is a complet a) int funct ();	e function.	b) int function (int x)	
	c) (return $x = x + 1$);		d) void fun(x);	
iv)	The recursive function	n are executed in a		
	a) parallel order		b) FIFO order	
	c) LIFO order		d) Random order	
	The function scan f (a) The number of su b) The actual values c) 0 d) 1	ccessful read input		
vi)	The function have	scope.		
	a) local	b) block	c) file	d) function
vii)	function is us	sed for square of 'x		
	a) sqr (x)	32 5 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	b) pow (z, x)	
	c) power (z, x)		d) pow (z, x)	56.25.00 B. W. O.
viii) When a function i	s recursively called	all the Automatic variables	s are stored in a.
	a) queue	b) array	c) stack	d) register
ix)	What is the return typ	e of the function so	qrt().	
	a) double	b) int	c) float	d) single
x)	can never be	sent by call by valu	ies.	
	a) variable	b) array	c) stucture	d) both structure and array