Total No. of Printed Pages:02

## SUBJECT CODE NO:- 2104 FACULTY OF SCIENCE AND TECHNOLOGY

## B.Sc. F.Y (Sem-II)

## Examination March/April-2022 (To Be Held In June/July-2022) Computer Science Paper-V CS05 Programming in C

[Time	e: 1:53 H	Iour	<b>s</b> ]		[Max.Marks:5			
			Please check v	vhether you ha	ve got the right question paper.		10 C	
N.B				ttempt all ques		2000	3	
				5			7	
Q.1	a)	Wr	ite down history of C	language. Expl	ain the term C as a structured language	e. 6 6 5 1	10	
		b) Write a program in C to check given number is prime number or not.  OR						
	c)	c) What is an operator? Explain logical and unary operator with suitable example.						
Q.2	a)	a) Define function. Explain user defined function with suitable example.						
	b)	b) Write a program in C to find an item from array.						
		1) 2) 3) 4)	ite short notes on (any Dowhile statemen Variables Scanf and printf Array			2	20	
		<ul><li>5) Switch – case statement</li><li>6) Break and continue statement</li></ul>						
	4	:60F						
Q.3		Multiple choice questions					10	
	(1)	77 40	programming, identi		$y = y \cdot D'$			
	12.07.13	/ / > - Y	An alphabet		Special symbol			
	Dough S	(c)	Number	d)	None of the above			
	2)	2)used scanf format codes to read a decimal integer.						
			%f	75 /O. M. O	% S			
		_c)	%d	d)	%o			
	3)	3)function is used to join two string.						
	0,00	a)	strcmp()	b)	join()			
		c)	strcat()	d)	strlen ()			
40°07	4)		e statement size of (flo		•			

3)	is one of the fundamental data types in C.									
	a) Pointer	b)	Void	300 0 V						
	c) Array	d)	Function							
6)	Identify error, if any, in each of the following array declaration statement.									
	a) Double $x[10]$ ;		b) Float y [10] [10];	22000 C						
	c) Long int p(10) (1	0);	d) Char name [20];							
7)	Which is valid C expression?									
ĺ	a) Float number $= 1$	4.1	) Float number = '10.20';							
	c) Float \$ number =		d) None of the above							
8)	Find the error, if any, in the following statement.									
	a) If $(x \ge 10 \&\& x \le 10)$ then printf ("\n");									
	b) If $(x \ge 10 \&\& x \le 10)$ printf ("\n"); c) If $(x \ge 10 \&\& x \le 10 \&\& y > 100)$ printf ("ok")									
	d) None of the above			DON'S						
9)	character constant gives audible bell.									
	a) '\a'	b) '\bell'	c) '\b'	d) None						
10)	A function that call's	itself is known as a								
	a) Overload	(d ( ) (b) I	Recursion							
	c) Polymorphism	SON SON SANA	Jone 9							