Enrollment No: _____ Exam Seat No: _____

C.U.SHAH UNIVERSITY Winter Examination-2018

Subject Name : Advanced C Programming

	Subject	Code: 4CS03ACP1	Branch: M.Sc. C.A. & I.T. (Inte	grated)
	Semester	•:3 Date: 01/12/20	18 Time : 02:30 To 05:30 Ma	rks : 70
	(2) I (3) I	Jse of Programmable calculat nstructions written on main an	or & any other electronic instrument is prohibite nswer book are strictly to be obeyed. es (if necessary) at right places. l.	ed.
Q-1		Attempt the following ques	stions:	(14)
	a)	What is Procedural language	?	1
	b)	Define term : Operator		1
	c)	Define term : Pointer		1
	d)	Define term : Function		1
	e)	Define term : Structure		1
	f)	Define term : Union		1
	g)	Enlist the types of Operator.		1
	h)	Enlist the types of pre-proce	essor.	1
	i)	Enlist the types of function.		1
	j)	What is recursion?		1
	k)	Define term : Call by value	200	1
	l) m)	Define term : Call by refere Which loop is Exit Control 1		1 1
	n)	Which loop is Entry Control	1	1
Atte		Cour questions from Q-2 to Q		1
	p • • j -	····		
Q-2	1	Attempt all questions		(14)
	(A)	Explain the Execution of "C	Program" with diagram.	(10)
	(B)	Explain logical operator with		(04)
Q-3	6	Attempt all questions		(14)
	(A)	Explain Nested for loop with	• •	(7)
	(B)	Explain Switch statement w	ith syntax and example.	(7)
Q-4	L	Attempt all questions		(14)
Y 1	(A)		find out the factorial of given N number using	(14) (7)
		recursion.		(7)
	(B)		return by reference with syntax and example.	(7)
			AND UNITED 1	Page 1 of 2



Q-5		Attempt all questions	(14)
	(A)	Explain Structure with syntax and example.	(8)
	(B)	Explain pointer to Array with syntax and example.	(6)
Q-6		Attempt all questions	
-	(A)	What is File ? Explain FOPEN and FCLOSE with syntax and example.	(10)
	(B)	Explain break and continue with example.	(4)
Q-7		Attempt all questions	(14)
-	(A)	What is User Defined Function? Enlist types and explain any two in brief.	(10)
	(B)	Differentiate: Structure versus Union	(04)
Q-8		Attempt all questions	(14)
-	(A)	Write a C Program which print fibonance series using function.	(7)
	(B)	Explain the advantages and disadvantages of pointer in brief.	(7)

