

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. (Integrated)

Semester : 3

Date : 01/12/2018

Time : 02:30 To 05:30

Marks : 70

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
 - (2) Instructions written on main answer book are strictly to be obeyed.
 - (3) Draw neat diagrams and figures (if necessary) at right places.
 - (4) Assume suitable data if needed.
-

Q-1	Attempt the following questions:	(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-processor.	1
	i) Enlist the types of function.	1
	j) What is recursion?	1
	k) Define term : Call by value	1
	l) Define term : Call by reference	1
	m) Which loop is Exit Control loop?	1
	n) Which loop is Entry Control loop?	1

Attempt any four questions from Q-2 to Q-8

Q-2	Attempt all questions	(14)
	(A) Explain the Execution of “C Program” with diagram.	(10)
	(B) Explain logical operator with example.	(04)
Q-3	Attempt all questions	(14)
	(A) Explain Nested for loop with syntax and example.	(7)
	(B) Explain Switch statement with syntax and example.	(7)
Q-4	Attempt all questions	(14)
	(A) Write a “C Program “which find out the factorial of given N number using recursion.	(7)
	(B) Explain return by value and return by reference with syntax and example.	(7)



