(6)

END TERM EXAMINATION

FIRST SEMESTER [BCA] DECEMBER 2017

Paper Code: BCA-105		Subject: Introduction to Programming Language using C	
Time	e: 3 Hours	Maximum Marks: 75	
Note: Attempt any five questions including Q.no.1 which is compulsory. Select one question from each unit.			
Q1	(g) Name functions of standard (h) What are nested control stat (i) What is the need of pre-proc	ators available in C. and continue statement in C? f recursion. on declaration and function definition. library ctype.h. ements? Give examples.	
	*	Unit-I (6.5)	
Q2	(a) Explain loop statements in C(b) What are different types of o	·	
Q3	arrav	program to print average of all elements of an (6.5) and do-while loop constructs with example. (6)	
		Unit-II	
Q4	 (a) With the help of a program, reference. (b) Define the following terms: (i) Static Variables (ii) Pointers (iii) Dynamic Memory Allocat 	explain the concept of call by value and call by (6.5) (6)	
Q5	-i	rsion by writing a program to find factorial of any (6.5) assed as arguments in a function. Give example.(6)	
		Unit-III	
Q6	etmicture?	ed of structures in C. How is union different from (6.5) at are various functions used in file handling? (6)	
Q7	What is file pointer? Write a prit and count number of charact	rogram in C to create a file, write string data into ters in that file. (12.5)	
		Unit-IV	
Q8	with example	Describe various string manipulation functions (6.5) s in C? Give examples of functions in libraries	

to first compare and then concatenate two strings entered by

stdio.h, math.h and string.h.