END TERM EXAMINATION

Paper	Code: BCA-105	Subject: Introduction to Programming Language using C
Tim or	3 Hours	Maximum Marks: 75
Note	: Attempt any five questions	including Q.no.1 which is compulsory.
Q1	(g) Name functions of standard lil (h) What are nested control stater	declaration and function definition. orary ctype.h. nents? Give examples.
Q2	(a) Explain loop statements in C.(b) What are different types of open	Unit-I (6.5) erators in C? Briefly explain. (6)
Q3	orrow	rogram to print average of all elements of an (6.5) d do-while loop constructs with example. (6)
Q4	 (a) With the help of a program, e reference. (b) Define the following terms: (i) Static Variables (ii) Pointers (iii) Dynamic Memory Allocation 	Unit-II xplain the concept of call by value and call by (6.5) (6)
Q5	(a) Explain the concept of recurs	on by writing a program to find factorial of any (6.5) ed as arguments in a function. Give example.(6)
Q6	(a) Explain the concept and need	of structures in C. How is union different from (6.5) are various functions used in file handling? (6)
Q7	What is file pointer? Write a progit and count number of character	gram in C to create a file, write string data into s in that file. (12.5)
Q8	(a) What is array of strings? D	Unit-IV escribe various string manipulation functions (6.5)
vnlo	(b) What are standard libraries A stripping and stripping and stripping and stripping are stripping and stripping are stripping and stripping are stripping are stripping and stripping are stripping	in C? Give examples of functions in libraries ers from StudentSuvidha.com

est compare and then concatenate two strings entered by