## END TERM EXAMINATION

FIRST SEMESTER [BCA] DECEMBER 2017

rag	Der Code: BCA-105	Language using C
Tin	ne: 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 li (h) What are nested control states (i) What is the need of pre-process	tors available in C, and continue statement in C? recursion.  declaration and function definition. brary ctype.h. nents? Give examples.
		Unit-I
Q2	<ul><li>(a) Explain loop statements in C.</li><li>(b) What are different types of open</li></ul>	(6.5)
Q3	агтау.	ogram to print average of all elements of an (6.5) d do-while loop constructs with example. (6)
	1	Unit-II
Q4	<ul> <li>(a) With the help of a program, exercite reference.</li> <li>(b) Define the following terms:</li> <li>(i) Static Variables</li> <li>(ii) Pointers</li> <li>(iii) Dynamic Memory Allocation</li> </ul>	xplain the concept of call by value and call by (6.5) (6)
Q5	given number.	on by writing a program to find factorial of any (6.5) d as arguments in a function. Give example,(6)
Q6	(a) Explain the concept and need estructure?	Init-III 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 progr it and count number of characters	ram in C to create a file, write string data into in that file. (12.5)
	U	nit-IV
Q8	with example.	scribe various string manipulation functions (6.5) a C? Give examples of functions in libraries (6)
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