(11)

END TERM EXAMINATION

FIRST SEMESTER [BCA] DECEMBER-2012

Paper Code: BCA105

Subject: Introduction to Programming

Language Using C

Time: 3 Hours

Maximum Marks:75

Note: Q.no.1 is compulsory. Attempt one question from each unit.
Internal choice is indicated.

.00	Jazi	Q1 I precuss the factors for the growing importance of remarks	
Q1		swer <u>any ten</u> of the following:- (2.5x10=2) Type conversion (b) Size of operator (c) Pre increment vs. post increment	
		Type conversion (b) Size of operator (c) Pre increment vs. post increment when the sum of the sum o	
		User defined functions (h) Register storage class	
		Dangling else problem	
	(j)	Which of the following are not the valid identifiers and why:- (i) static (ii) row total State true or false for the following and also give reasons:-	
	(K)	(i) Pointer is a variable which stores a value.	
		(ii) * is an address operator.	
		<u>UNIT-I</u>	
Q2			7)
	(p)	What is ternary operator? Write a program to find smallest of 3 numbers using	
		ternary operator. (5.	5)
Q 3	lai	Which one is better switch case or else if ladder? Give suitable example in suppo	ref
	1-01	of your answer.	
	(b)		6)
		1 Secure units international properties and conference and action 1	
		23	
		456	
		7 8 9 10	
		UNIT-II	
Q4	(a)	Write a program using functions which takes as its arguments the year and check	cs
		whether the year is a leap year or not and then displays an appropriate message of	
			6)
	(b)	Write a program to calculate factorial of a number with and without recursion both	(6.5)
.05	(a)	OR Differentiate between call by value and call by a farmers	er s
1,5		Differentiate between call by value and call by reference. Write a program to check whether a word is a palindrome or not. — (6.	6)
	10)	The a program to eneck whether a word is a painturonic of not.	J)
		UNIT-III	
Q6	. (a)	Can we pass arguments in a macro? If yes, give example.—	5)
			5)
	(c)	What is pointer to a pointer? (2.	5)
	101	OR OR	
	(a)	Write a menu driven program for performing all 4 string manipulation function (copy, compare, length, concat) using functions from string.h. (8.	
	(b)		4)
			,
		UNIT-IV	
Q8	(a)	Write a program using structures to read and display the student information (re	s11 :
W		no, name, fees, DoB)	
	(D)		5)
Q9	(2)	WAP to read the volume from a file and pour the five relies in a 75 when the	N
2	197	WAP to read the values from a file and save the Even values in a file named EVE and odd values in a file named CDD.	
		Co.	4

