

KY-1401 Seat No.____

B. C. A. (Sem. II) Examination

April/May - 2013

BCA-201 : Advance Programming Language 'C'

(New Course)

Time : 3	Hours]	[Total Marks : 70
1 (a)	Do as directed: (i) A variable declared inside called (ii) By default is the rate C function (iii) C function can return on under their function name (iv) Find errors if any in the follow definition void abc (int a, int b) { int C; return (C);	eturn type of ly one value (T/F)
(b)	Answer the following questions (i) What is Recursion? Explain detail with example. (ii) Describe list of different cat and explain any two categorithms with example.	egory of UDF
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			int m [2]; int *p = m; m[0] = 100; m [1] = 200; printf ("%d %d", ++*p, *p)	
		(ii)	What is the output of the following code?	2
		(**	value the of another variable.	_
3	(a)	(i)	as directed : A pointer variable contains as it's	1
9	(2)	Do.		
		(iii)		
		(ii)	Explain the structure within structure in detail.	
		(i)	How does a structure differ from an union.	
	(b)	Ans	wer the following question: (any two)	8
		(iv)	The keyword typeset is used to define a new data type. (T/F)	
		(iii)	What is the difference between Array and structure?	
		, ,	(T/F)	
		(ii)	The tag name of a structure is optional.	
-	(α)	(i)	The name of structure is referred to as	•
2	(a)	Do :	as directed :	4
			(d) Register variable	
			(c) User define function	
			(b) External variable	
		(iii)	Discuss about the following: (a) Static variable	
		(iii)	Discuss about the following:	

 (b) Answer the following question: (any two) (i) What is pointer? Give the advantages of pointer. (ii) Describe the pointer and arrays in detail. (iii) Describe the pointer and structure with appropriate example. (a) State the purpose of following questions: (i) getw() and putw () (ii) malloc and calloc (iii) fprintf () (iv) fscanf () (b) Answer the following questions: (any two) (i) Explain fseek (), ftell () and rewind () in detail. (ii) Write a short note on command line argument. (iii) What is preprocessor? Explain macro substitution. 		, ,	An integer can be added to a pointer. (T/F)	1
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using this structure to read this information of 5 people and print the same on screen.	(a)	(i) (ii) (iii) (iii)	Write a C program to find factorial of accepted number using recursion. Write a C program to swap values of two integers using user defined function. Write a C program to design structure type struct personal that would contains person name, data of joining and salary using this structure to read this information of 5 people and print the	10

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- (i) Write a program using pointer to determine the length of a character string.
- (ii) Write a C program to read data from keyboard, write it to a file called input and display data of input file on the screen.
- (iii) Write a program to work as a dos copy con command using command line argument.

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