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BE - SEMESTER-I &II (NEW) EXAMINATION - SUMMER-2019

Subject Code: 2110003 Date: 10/06/2019

Subject Name: Computer Programming and Utilization

Time: 10:30 AM TO 01:00 PM **Total Marks: 70**

Instructions:

- 1. Question No.1 is compulsory. Attempt any four out of remaining six questions.
- Make suitable assumptions who rever necessary

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(a)	Objective Question (MCQ)		07
1.	Which is output device?		
	(a) Barcode Reader	(c) Scanner	
	(b) LCD	(d) Keypad	
2.	C-Language is	_•	
	(a) Machine Dependent	(c) Machine Independent	
	(b) Partially Machine Dependent	(d) None of above.	
3.	Which one of following is volatile memory?		
	(a) SRAM	(c) Flash	
	(b) EPROM	(d) Hard disk	
4.	How many times following loop will be rotated?		
	int $a = 10, b = 1;$		
	while(a>b)		
	{ a; b++; }	Oll	
	(a) 5	(c) 4	
	(b) 10	(c) 4 (d) 1	
5.	Which of the following is correct C statement to print variable a?		
	(a) printf("a");	(c) printf("%d");	
	(b) printf("%d", a);	(d) printf("%a");	
6.	Which one of following loop rotates infinite time?		
	(a) for(;;)	(d) only a and c	
	(b) do { } While(1<10);	(e) all of a, b, c	
	(c) while (100)		

(a) int

(c) enumerated

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(b) char

(d) float

(b) Objective Question (MCQ) Which one is invalid variable name?

(a) int_a

(c) case_c

(b) temp1

(d) 1temp

Which one of following statement doesn't increment variable a? 2.

(a) a++

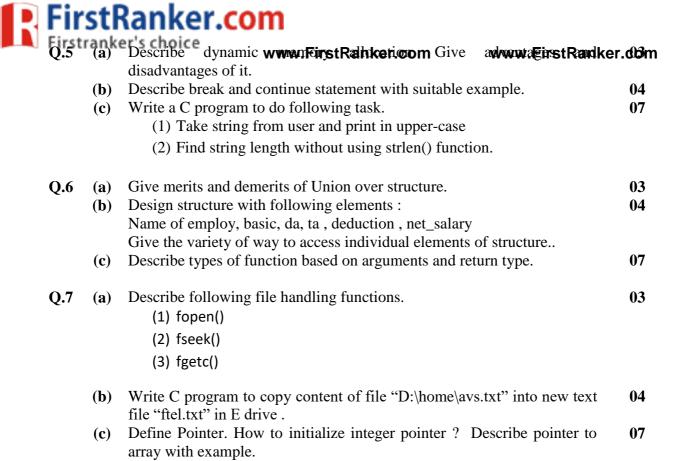
(c) ++a

(b) a += 1

(d) a = +1

FirstRanker.com Firstranker for following code, who prist Ranker. com and Y? www.FirstRanker.com M = 9; N = 10; X = M & N: Y = M & N: (c) X = 1, Y = 1(a) X = 1, Y = 8(b) X = 8, Y = 8(d) None of above 4. What is output of following program? void main() int z = 10; float z = 10; printf("%d",z); } (a) 10.00 (c) 10 (b) Compile time error (d) Run time error 5. The Function _____ obtains block of memory run time. (a) malloc() (c) calloc() (b) Both malloc() and calloc() (d) free() Which of the following is true about FILE *fp 6. (a) FILE is keyword in C for representing files and fp is variable of FILE type. (b) FILE is a structure and fp is pointer to structure of FILE type. (c) FILE is stream (d) FILE is buffered stream 7. Array and Structure can contain elements of _____ and data type respectively. (a) same, different (c) same, same (b) different, Same (d) different, different Define (1) Higher Level Language (2) Lower Level Language (3) **Q.2** 03 Machine Level Language Sketch flowchart to convert seconds into hour, minute and second. 04 (Hint: 3700 seconds => 1 hr, 1 minute, 40 second) (c) Describe assignment, sizeof() and ternary operator with example. **07** 0.3 Write C program to find area and perimeter of rectangle. 03 (a) **(b)** Describe Enumurated data type with example. 04 Write C program to get 20 data from user. Find sum, average, maximum 07 (c) and minimum number. Write a program to add first n numbers. Get value of n from user. **Q.4** (a) 03 **(b)** Describe switch case statement with example. 04 Write a C program to display given pattern 07 1 1 2

1 2 3 1 2 3 4 1 2 3 4 5



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