Reg. No. :

PART A - (6 x 1 = 6 Marks)

(Answer any six of the following questions)

1. Which of the following is responsible for controlling all the operations of all other units of a computer system.

    (a) CPU   (b) ALU   (c) GPU   (d) MU

2. Which of the following provides step by step procedure for solving the problem.

    (a) Flowchart   (b) Algorithm   (c) Program   (d) Pseudo code

3. Which of the following are token in C?

    (a) Keywords   (b) Variables   (c) Constants   (d) All the Above

4. The case keyword is followed by

    (a) float values   (b) integer values   (c) character values   (d) both b and c

5. If an array is used as function argument, the array is passed as

    (a) By value   (b) By reference

    (c) By name   (d) The array cannot be passed as function argument

6. How will you print \n on the screen?

    (a) printf("\n");   (b) echo "\\n";   (c) printf('\n');   (d) printf("\\n");

7. Void add(int a, int b){} represents

    (a) No argument No return type   (b) No argument with return type

    (c) With arguments no return type   (d) None of the above

8. A pointer is

    (a) Keyword used to create variables   (b) Variable stores the address

    (c) Variable stores the value   (d) None of the above

9. Given the statement, maruti.engine.bolts=25, which of the following is true?

    (a) Structure bolts is nested within structure engine
    (b) Structure engine is nested within structure maruti
    (c) Structure maruti is nested within structure engine
    (d) Structure bolts is nested within structure bolts

10. calloc ( ) takes____ number of arguments.

    (a) 1   (b) 2   (c) 3   (d) 4

PART – B (3 x 8= 24 Marks)

(Answer any three of the following questions)

11.   Explain the basic organization of computer with suitable block diagram.   (8)

12.   Explain the types of branching statements with syntax and example.   (8)

13.   Write a program using pointers to read an array of integers and print its elements in   ascending order.   (8)

14.   Explain function prototypes with syntax and examples.   (8)

15.   Write a C program for library management using structures and unions.   (8)

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