

**Question Bank (I scheme)**

**Name of subject: C programming language.**

**Unit Test :II**

**Subject code:22218**

**Course : EJ**

**Semester: II**

**CHAPTER-4 Array and Structure.(12 Marks)**

**2 Marks**

- 1.What is structure?Give syntax of declaring it.
- 2.How to declare and initialize one dimensional array?
- 3.What is character array?
- 4.What is two dimensional array?How is it declared and initialized?
- 5.Declare and define a structure having member variables as emp\_id,emp\_name,salary.

**4 Marks**

- 6.Declare and initialize multidimensional array.
- 7.State difference between array and structure.
- 8.What is array of structure?Explain with example.

**CHAPTER-5 Functions(10 Marks)**

**2 Marks**

- 9.What is function and need of function?
- 10.Definerecursion with example.
- 11.List different categories of function.
- 12.Enlist storage classes in 'c'.
- 13.State difference between call by value and call by reference.

**4 Marks**

14. Write a program to find product of two numbers using function.
15. What are string handling functions. Explain any two.
16. Write a program to calculate factorial of a number using function.

**CHAPTER-6 Pointer(10 Marks)**

**2 Marks**

17. Give meaning of declaration `int *ptr`.
18. State the use of `&` and `*` operator with respect to pointer.
19. Define pointer with declaration and initialization.

**4 Marks**

20. Write a program using pointer to swap two numbers.
21. What are advantage of using pointer.
22. Write a program which shows pointer arithmetic.
23. Explain array of pointer with example.
24. Explain structure using pointer with example
25. Write a program to print value and address using pointer.

#### **4 Marks**

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