

Question Bank (I scheme)

Name of subject: Programming in 'c'(PCI)

Unit Test :II

Subject code:22226

Course : CM/IF

Semester: II

CHAPTER-4Array and Structure.(22 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 structure 'employee' having data members as name,street and city.Accept this data for three employees and display accepted data.
- 7.State difference between array and structure.
- 8.What is array of structure?Explain with example.

CHAPTER-5Functions(22 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(30 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.