

Question Bank (G scheme)

Name of subject: Programming in 'c'

Unit Test :II

Subject code:17212

Course : IF/CM

Semester: II

CHAPTER 3 Arrays and Strings(18 Marks)

3 Marks

1. Write a Program to copy contents of 1 array into another array
2. Explain declaration and initialization of string variable.
3. Write syntax use of strcmp() and strlen() function.
4. What is two dimensional array?How is it declared and initialized?
5. Write a program to accept five elements ,store them in array and display result.

4 Marks

6. How to declare and initialize one dimensional array?
7. State difference between array and loop.
8. Explain the need of array variables.
9. Write a program for addition of two 3*3 Matrix.
10. Write a program to find Largest number form given array.

CHAPTER 4 Functions and Structures (24 Marks)

3 Marks

11. Distinguish between Call by value and call by reference.
12. Explain with example Structure initialization and declaration.
13. Declare structure 'Book' having data members as title,author and price.Accept this data for one structure variable and display accepted data.
14. Write a program for exchanging values of two variables using call by reference.
15. How does structure differ from array?

4 Marks

16. Explain types of functions
17. Explain types of storage classes.
18. Write a program to print factorial of given number.
19. Write a program to find product of two number using functions.
20. What is meant by lifetime and scope of variable?

CHAPTER 5 Pointers (12 Marks)

3 Marks

21. Give syntax for declaring pointers.
22. Give meaning of declaration `int *ptr;`
23. Write a program which shows pointer arithmetic.

4 Marks

24. What are advantage of using pointer.
25. How to initialize pointers