

PCI – SUPER 25 QUESTIONS

1. Define Algorithm . Define Flowchart? Its uses
2. Draw and label symbols used in flow chart.
3. All the flow chart thought in lecture
4. All Switch case program thought in lecture.
5. All Operators, variable, constant, if else, nested if else
6. Define:
 - (i) Two dimensional array
 - (ii) Multi-dimensional array
7. All Strucutre programs thought in lecture
8. 3 x 3 matrices.
9. Array Program ASC and DSC?
10. Write a program to swap two numbers using call be value.
11. Call by Value vs Call by reference
12. Call by Value? Program example (swapping)
13. Call by Reference? Program example (swapping)
14. Recursion?Program example(factorial)
15. Recursion? Advantages and Disadvantages?
16. String Functions?
strlen()
strcpy()
strcat()
strcmp()
17. Functon Prototype with program example?
18. Types of user defined functions.
19. Give any four advantages of pointer
20. xplain how to pass pointer to function with example.

21. Write a program to accept two numbers from user and perform addition, subtraction, multiplication and division operations using pointer.

22. Programs :

paatern, palindrome number, reverse number, fibonacci, greatest among three etc

23. while vs do while

24. array vs string

25. Basic C Programs (eg: area of circle)

