

FE /Sem II/Division D,E and F

CP-Practical Exam Sample Questions

1. Write a program to find the area of a triangle.
2. Write a program to accept three numbers from the user and display the largest number.
3. Write a program to display the numbers from 1 to 100 that are divisible by 4 and 6.
4. Write a program to display the prime numbers in between 75 to 150.
5. Write a program to display the odd numbers from 1 to 100 that are not divisible by 5.
6. Write a program to find the sum of natural numbers starting from 5 till the product of consecutive numbers is less than 400.
7. Write a program to check the given number is even/odd, perfect square and prime number
8. Write a program to check whether the number is a part of Fibonacci series
9. Write a program to find the sum of digits of a number.
10. Write a program to generate 3digit Armstrong numbers
11. Write a program to reverse a number.
12. Write a program to display the any given pattern.
13. Write a program to accept 'n' integers from the user into an array and display the sum and average of these integers.
14. Write a program to accept 'n' integers from the user into an array and display the count of even and odd integers.
15. Write a program to accept 'n' integers from the user into an array and find the largest/smallest integer.
16. Write a program to accept 'n' integers from the user into an array and sort the numbers in ascending/descending order
17. Write a program to calculate the sum and average of mxn matrix
18. Write a program to find the transpose of square matrix.

19 Write a program to multiply two matrices.

21 Write a program to find nCr.

22 Write a program to solve the following equation using function.

$$T = \sum_{i=1}^n x_i^2 y_i + \sum_{i=1}^n x_i y_i^2 + \sum_{i=1}^n x_i y_i z_i$$

23 Write a program to demonstrate call by value and call by reference.

24 Write a program to create one dimensional array and using function perform sort, search, delete, and insert operations. Use switch case for the choice of operation and while for continuation.

25 Write a program to store and display the name, roll number and total PCM marks for 'n' students. Generate a merit list with respect to the total marks scored. Display the output in tabular form in order of maximum total marks to minimum total marks.

26 Write a program to store the information of a person as his name, or ID number using union. Ask the user for the information choice.

27 Write a program to demonstrate five string functions.

28 Write a program that checks whether the entered string is a palindrome or not, without using string header file.

29 Write a program to accept a string and find the number of vowels in it.

30 Write a program to accept two strings, compare them and display whether they are equal or not. If not equal then display the string which is greater, without using built in functions.

Best of Luck