

C programming PGDCA 22-23

1. Write the difference between C character and C string. Write the difference between ++a and a++
2. Differentiate between while loop and do while loop.
3. What is the use of continue statement? Give Example. How an array of 10 integers declared and use in C?
4. Explain the use of strcat(),strcpy() and strlen()
5. What is relational operator and logical operator ? Write three equivalent expressions for i++
6. What are the data types available in C ?
7. What is switch statement and how it works?
8. Differentiate between call by value and call by reference?
9. Write a C program to find the biggest of given n numbers.
10. Write a C program to find and print transpose of a

given matrix.

11. Write a C program to reverse a given integer.

12. Write a C program to add two matrix of MxN

13. Write program to calculate the factorial of a number.

14. Write a program to add two number using pointer.

15. Write a program to generate the fibbonacci series within a given range.

10. Define and use a student structure with following data members: Rno,name,marks.

13. Write a C program to check whether a year is a Leap year or not.

