

# GIIT PROFESSIONAL COLLEGE

(Affiliated to KOLHAN UNIVERSITY, Chaibasa)

**Question Bank**

Course : **BSc. IT – 1<sup>st</sup> Year**

Subject Code :

Subject : **C PROGRAMMING**

**All questions carry equal marks.**

## **C PROGRAMMING**

1. What is C language?
2. What is an argument? Differentiate between formal arguments and actual arguments?
3. What is the purpose of main ( ) function?
4. What is a pointer variable?
5. What is static memory allocation and dynamic memory allocation?
6. What is the difference between #include <FileName> and #include "FileName"?
7. What are advantages of a macro over a function?
8. What is difference between float and double data type?
9. What are C identifiers?
10. What is a Logical Error?
11. What are differences between printf() and scanf().
12. Differentiate between a for loop and a while loop? What are it uses?
13. Differentiate between a for loop and a while loop? What are it uses?
14. Why n++ executes faster than n=n+1 ?
15. How can the unary operator ++ be overloaded in C++ for postfix operation
16. Why Pre-increment operator is faster than Post-increment?
17. Why is default statement used in 'switch case' in C?
18. When is a switch statement better than the multiple 'if' statements?
19. What are the four types of scopes in c?
20. What does static variable mean?
21. What is the difference between "a character stored in a character variable" and "a character constant"?
22. What is difference between "Call by value" and "Call by reference" ?
23. What is & and \* operators in C?
24. What is an Array ?
25. What is a structure?
26. What is difference between a Structure and a Union?
27. What are different types of Storage Classes for a variable in C program?
28. What are library functions and their use in C language?
29. What is the importance of main() function in C?
30. What is const qualifier?