# TEST-1

1. Define flow chart? Draw symbols of flow chart and explain use of each.
2. List out 'C' keywords and write rules for keywords.
3. Define an algorithm. Explain how to prepare algorithm with an example(area of a circle).
4. Draw and explain general structure of C programs.
5. Explain data types of C language.
6. Explain Type Casting concept in C language.
7. Explain Relational operators with example.
8. Explain Logical operators with example.
9. Explain Switch statement with example.
10. Explain If-else-if Ladder statement with example.
11. Explain bitwise operators with an example.
12. Draw flowchart to find roots of algebraic equation $ax^2 + bx + c = 0$.
13. Explain nested if-else statement with an example.
14. Write a program to find roots of quadratic equation based on value of delta,i.e. if delta>0, print values of two roots, delta=0, print value of single root and delta<0 print the message "imaginary roots".
15. Draw flowchart to find maximum number out of given three numbers a, b, c.
16. Draw flowchart to find whether given number is odd or even.
17. Explain goto statement with example.
18. Explain Formatted Output concept with example.
19. Explain Enumerated Data type.
20. Give Difference between flowchart and algorithm.
21. Explain break statement and continue statement in c with example.
22. Explain for loop with an example.
23. Define an array. Write steps do declare an array, initialize an array and print data from the array with example.
24. Differentiate while and do...while statement and give example.
25. Write a program to read any number and print the digits of the number in reverse order.
26. Explain conditional operators with syntax and example.
27. Draw flow chart to find average of five numbers.
28. List out rules to define variables. Also define two different variables.
29. Explain the use of getchar( ) and putchar( ) functions.
30. Write Advantage and Disadvantage of C Language.
31. Explain meaning of %c, %d, %f used with scanf in C program.
32. Explain increment and decrement operators with one example.