

Descriptive Questions:

- 1) Explain any two phases of Program Development Cycle with diagram
- 2) Define algorithm and give the advantages and disadvantages of algorithm.
- 3) Write an algorithm check for palindrome
- 4) Write algorithm to find largest among three number.
- 5) Define flowchart and explain any 6 symbols using in flowchart.
- 6) List and explain features of C
- 7) Give Structure of C program and explain each section.
- 8) Write a note on Tokens in 'C'
- 9) Write a note on Constants in 'C'
- 10) Explain in brief classification of a) integer types and b) floating point types
- 11) List and explain primary data types available in 'C'
- 12) Explain with examples declaring, initializing and assigning value to variable
- 13) Explain with example #define statement in 'C'. List rules apply to it.
- 14) Explain the any 4 advantages of flowchart.
15. Explain the Limitations of Flowcharts
16. Draw the flowchart to find factorial of n number.

Descriptive questions: -

- 1) List and explain arithmetic, logical and relational operators available in C
- 2) List and explain a) conditional operator, b) increment & decrement operators available in C
- 3) Write a note on bitwise operators available in C
- 4) Explain with example evaluation of arithmetic expression in C
- 5) Explain precedence of arithmetic operators with the help of an example expression
- 6) Explain the concept of type conversion in C, Give examples
- 7) Explain in brief implicit and explicit type conversion with example
- 8) Explain with example formatted Input in C
- 9) Explain with example formatted Output in C
- 10) Explain unformatted input/ output in C.
- 11) Explain simple if statement and else..if with syntax and example.
- 12) Explain nested if statement with the help of a program example
- 13) Explain else..if ladder with the help of a program example
- 14) Explain switch statement with syntax and a program example