Unit : 1

1. Explain History of C language.
2. What is Programming Language ?
3. Difference between Traditional C and Morden C.
4. Explain C character set in detail.
5. Explain C token.
6. What is keyword.
7. What is Variable.
8. Explain Data types in C.
9. Explain Operators of C.
10. What is Ternary Operator.
11. Explain Hierarchy of Operators.
12. Explain Typecasting in detail.
13. What is Pre-processor ?
14. Explain Dry Run.
15. Explain Flowchart.
16. Explain Algorithm.
17. Difference between Flowchart & Algorithm.

Unit : 2

1. What is If Statement.
2. What is Nested if else.
3. What is else if ladder.
4. Explain Switch Statement.
5. Explain For loop.
6. Explain while loop.
7. Explain Do-while loop.
8. Explain Nested Loop.
9. Explain Jumping Statements.

Unit : 3

1. What is UDF ? Explain in detail.
2. Explain Types of UDF.
3. Explain Call By Value.
4. Explain Call By Reference.
5. Difference between Call by value & Call by reference.
6. Explain Recursion in detail.
7. Write a Program to find Factorial Number Using Recursion.
8. What is Storage Class ? Explain in detail.
9. Explain String Function.
10. Explain Math Function.

11. Explain Memory Allocation Functions.
12. Explain Miscellaneous Functions.

Unit : 4

1. What is array.
2. Explain Types of array in C language.
3. Explain 1D array.
4. Explain 2D array. / Explain matrix array.
5. Explain multi dimensional array.
6. Explain String Array.
7. What is Pointer? Explain pointer to variable.
8. Explain Pointer to Pointer (p2p).
9. Explain Pointer to array.
10. Explain Pointer to Structure.

Unit : 5

1. What is Structure ? Explain in detail.
2. What is Union ? Explain in detail.
3. What is Enumeration ? Explain in detail.
4. Explain Nested Structure .
5. Difference between Structure & Union.
6. What is File Handling ?
7. Explain Modes of File Handling(text file or binary file)
8. How to Open any File in c language.
9. How to Write any Content in file using file handling function.
10. What is Command Line Argument.
11. Explain fseek, ftell, rewind
12. Difference between fprintf / sprint / snprintf / vsprintf
13. fopen, fclose, fprintf, fscanf, getw, putw, fseek, ftell, rewind ,freopen, remove, rename, feof, ferror, fflush, fgetpos, sprintf, snprintf, vsprintf, vsnprintf, fscanf, vfscanf, setbuf, setvbuf Syntax and Work of it and small Example