UNIT - I

a) Draw neat diagram of Computer and explain its parts

b) Write short notes on operating system, compiler, interpreter, and computer languages

State and explain the structure of a C program.

Differentiate between Pseudo code, algorithm and flow chart? Write an algorithm to find the quadraticroots of an equation?

a) Discuss various operators in C language with an examples,relational and bitwise, assignment, arithmetic .

b) What is data type and explain different types of data types in C language?

3 a) Define an expression and state the rules for evaluating an expression with an example?

b) Discuss the purpose of type conversion and explain its methods

4. a) Explain the process of creating and running of c program

b) Explain briefly about steps of software development life cycle

        5. Explain about C character set?

       6.

UNIT II

1. a)What is the difference between while loop and do-while loop? Explain with syntax and example?

b)Write a c program to find all the prime numbers between 1 and n(where n value is supplied By theuser).

2.a) State the difference between else if ladder and switch –case statement.

b) Write syntax of switch-case and implement a simple arithmetic calculator using switch case?

a)Explain goto, break and continue with an examples

b) Write a c program to implement multiplication table of given number using any loop

3.a) Describe all if statements and loops with C program examples

b) Write c program to find sum of n natural numbers using any loop

  5. Explain about while and for loops?

 6. Explain the syntax of switch …case in C?

1. a)What is a function prototype? Explain with the syntax?

b) Explain categories of functions with examples?