Q.1. Write answers for any two questions from below. (5 marks each – Word limit – 500)

A.   Write a program to print all perfect number in given interval using function.

         Program to search an element in an array (Linear search).
B.

C.
         Program to read elements of a matrix and find sum of upper triangular matrix.

Q.2. Write short notes on all of the following topics (1 mark each - Word limit - 100)

A.   Union and Structure

B.   High level language

C.   For Loop

D.   getchar and putchar

E.   1D & 2D Array

SURESH GYAN VIHAR UNIVERSITY Accredited by NAAC with 'A' Grade		INTERNAL ASSIGNMENT - 2	
Course	BCA	Advanced C-Programing	
Semester	3		
Total Marks:	15		

Q.1.   Write answers for any two questions from below. (5 marks each – Word limit – 500)

A.   Write a C program to generate Fibonacci triangle.

B.   Write a C program to sort an array using pointer.

C.   Write a program to demonstrate the concept of function like macro to find area of rectangle.

Q.2.   Write short notes on all of the following topics (1 mark each - Word limit - 100)

A.   Low level language

B.   Declaration of variable and initialization of variable

C.   Void

D.   call by value and call by reference

E.