

2023

COMPUTER SCIENCE — HONOURS — PRACTICAL

Paper : CC-2P

(Programming in C)

Full Marks : 30

SET-2

Marks Distribution :

Source Code	:	10
Algorithm	:	05
Output	:	05
Sessional	:	04
Viva voce	:	06

Answer *any one* question.

1. Write a C program that reads three floating-point values and checks if it is possible to make a triangle with them. Determine the perimeter of the triangle if the given values are valid.
2. Write a program in C to print a number of 4 digits into words.
3. Write a C program to read an amount (integer value) and break the amount into the smallest possible number of bank notes.
4. Write a C program to find out second highest and second lowest number from an array.

5. Write a program in C to print the fibonacci series upto a given number of terms using :
- (a) iteration
 - (b) recursion.
6. Write a C program to print all the prime numbers upto a given number n (taken as input).
7. Write a C program to count blanks, tabs, and newlines in input text.
8. Write a C program that accepts some text from the user and prints each word of that text on a separate line. Sample Output :
- Input some text :
- The quick brown fox jumps over the lazy dog
- The
quick
brown
fox
jumps
over
the
lazy
dog.
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