

4 SEM TDC MTHM

2021

MATHEMATICS (MAJOR)

COURSE - 401

{ Computer Programming (C-programming) }

Full Marks: 13

Pass marks: 5/4

Time 1 hour

Answer any five questions:

2x5 = 10

1. What do you mean by keywords in C?
2. Write the syntax of the while loop and draw flowchart for it.
3. Write a C program to evaluate the factorial of a number.
4. Write a C program to print even numbers between 2 and 59.
5. Write a C program to ~~print~~ read and print a matrix of order 3x3
6. Write an algorithm to solve the equation $ax + b = 0$, $a, b \in \mathbb{R}$
7. Write two rules for defining function.
8. Define floating-point constant.
9. Write a C program to generate first 50 Fibonacci numbers ~~1, 1, 2, 3, 5, 8, 13~~ 3
OR.
Write a C program to subtract two matrices of order 4x4.

X