

SIDHO-KANHO-BIRSHA UNIVERSITY

U.G. 6th Semester Examination-2020

Mathematics

Course Code-BMTMCCHS602

Course Title-Computer Aided Numerical Practical (P)

F.M-20

1. Answer any four questions: (4x5=20)

- (i) Write a C program to print all the odd numbers from 2 to 10.
- (ii) Write a C program to calculate the factorial of a given integer n.
- (iii) Write a C program to test that a given string is palindrome or not.
- (iv) Write a C program to compute LCM of the two given integers.
- (v) Write a C program to convert Centigrade to Fahrenheit.
- (vi) Write a C program to evaluate $\int_0^1 \frac{1}{1+x^2} dx$ using Trapezoidal rule with six intervals.
- (vii) Write a C program to find the roots of the equation $x^3 - x - 3 = 0$.

*****THE END*****