



Dr. Meghnad Saha College

B.Sc. Semester II (CBCS) Tutorial Test 2020

Subject: <Mathematics(Gen)>

Discipline Core (DC-02)

Time: 30 Minutes

Full Marks: 10

Name of the student:	
Student ID (College):	
Registration No. (UGB):	Year:
Roll (UGB):	No.:

Answer all the questions below
(Figures in the margin indicates full marks)

Q.1. State and Prove Lagrange's mean value theorem for a function.

2. Solve $\frac{d^2y}{dx^2} + y = \sec x$ by variation of parameter.

5×2=10