

Premier University Chittagong
Department of Computer Science and Engineering
Course Title: Matrix, Linear Algebra, Differential Equation
Course code: MAT 2207
CT-3 (Assignment) Spring- 2024

Solve the following second order non-homogenous differential equations:

Q.1 $y'' - 2y' - 3y = 2\sin t$ 05 CO3

Q.2 $y'' - 2y' = 2e^t$ 05 CO3