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Daffodil International University

Class Test

Student ID: [redacted]

Program:

Semester: Fall 202

Course Code: MAT211

Course Title: Engineering Mathematics

Section: 65_J

Date: 30/10/24

Signature of the Course Teacher:

Class Test No.: 2

Marks: 15

Time: 30 Minutes

Q-1	Solve the ODE, $x^2\frac{d^3y}{dx^3}+3x\frac{d^2y}{dx^2}+\frac{dy}{dx}=x+\ln x+\sin\left(\ln x^2\right)$	15

START FROM HERE