QUIZ 3	Duration: 25 minutes Marks: 15 Marks Obtain:				
_	23 minutes	Marks: 15	Marks Obtain:	~ \ \	
Semester: Summer 2023		Section: 09			
Course ID: MAT120		Course Title: Integral Calculus & Differential Equation			
Student ID: 22101698		Name: Jannatul Somiya	Mahmud		
Answer all the questions below:					
1. Solve the	Solve the linear ODE $x \frac{dy}{dx} - y = x^2 sinx$.				[7]
2. Solve the	he I.V.P			ž.	[8]
	(4y + 2	(t-5)dt + (6y+4t-1)dy = 0,	y(-1) = 0		