

Quiz 1	Duration: 25 minutes	Marks: 15	Marks Obtain:
Semester: Summer 2023		Section: 09	
Course ID: MAT120		Course Title: Integral Calculus & Differential Equation	
Student ID: 22101698		Name: Jannatul Samiya Mahmud	

Answer all the questions below:

1.	Evaluate by using partial fraction decomposition $\int \frac{2x^2 - 9x - 9}{x^3 - 9x} dx$.	[8]
2.	Evaluate by using trigonometric substitution $\int \frac{\sqrt{y^2 - 49}}{y} dy$, $y > 7$.	[7]