

Name: _____ QUIZ NO:2 Section 5 ID _____ Points:10

Q1. Use Gauss Elimination method to solve the system $2x + 8y + 3z = 2$, $x + 3y + 2z = 5$; $2x + 7y + 4z = 8$.

Q2. Solve the IVP $(y \cos x + 3xe^y + 1)dx + \left(\sin x + \frac{3}{2}x^2e^y + x\right)dy = 0$; $y(0) = 1$