Information Technology University, Lahore, Pakistan

BS Computer and Software Engineering

Linear Algebra

Quiz# 1 (BSSE23-A), Fall 2024

September 10, 2024

Name: Zunais Abdul Agri.

Maximum Time Allowed: 10 minutes

Roll Number: BSSE 23058.

Maximum Marks: 10

1. Write down the following system of linear equations into augmented matrix form and use Gauss-Jordan method to find the solution.

$$2x_2 + 3x_3 = 8$$

$$2x_1 + 3x_2 + x_3 = 5$$

$$x_1 - x_2 - 2x_3 = -5$$

$$R1 < R1 + R3$$

$$2 + R3$$

$$2 - R1 = R$$

$$2 - R1 = R3$$

$$2 - R1 = R3$$