**Course: (MA-121) Applied Linear Algebra**

**Department of Electrical Engineering**

**Semester: 2nd**

**Assignment NO.2**

**Q 1**Solve that the following system of linear equations by (i) Gauss Elimination method (ii) Gauss

Jordan method 

**Q 2:** Solve the following system of linear equations by Crammer’s rule



**Q 3:** Solve the following system of linear equations by LU-Factorization method.



**Q 4:** Show that the following system of linear equations has trivial and non-trivial solution .

