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|  | **BAHRIA UNIVERSITY, (Karachi Campus)**  *Department of Software Engineering*  **Assignment (2) - Spring 2023** |  |

COURSE TITLE: **Linear Algebra** COURSE CODE: **Gsc-121**

Class: **BSE-2(A&B&C)** Shift: **Morning**

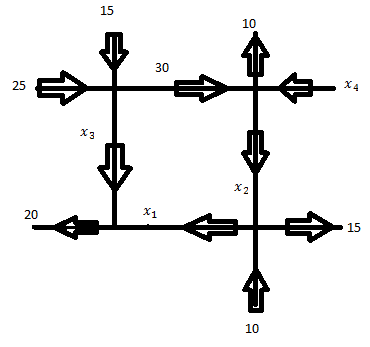
Course Instructor: **Muhammad imran afridi** Time Allowed: **3 Days**

Submission Date: **6 April 2023** Max. Marks: **5 Marks**

Q1:- Find the solution set of the given system of equations by LU Factorization.

Q2:- Find the inverse of the given matrices if possible.

Q3:- **The given figure show the traffic flow (Number of vehicles per minute) over several streets in Lahore Cantt at evening. Describe the general flow pattern for network.**



Q4:- **Show all “ in that are mapped into the zero vector by the transformation**

**For the given matrix “A”**

