**MTH113 MIDTERM UNOFFICIAL SAMPLE EXAM**

**NEAR EAST UNIVERSITY OF TRNC**

**FALL SEMESTER 2023-2024**

**PRE: H.SHKOUKANI**

**Key:**

**E - EASY, I - INTERMEDIATE, D - DIFFICULT**

**M - MEMORIZATION\_BASED, S - SKILL BASED**

**I) What conditions must *b*1, *b*2, and *b*3 satisfy in order for the system of equations to be consistent**

**II) Find the Inverse of the matrix**

**III) Solve The augmented matrix using Gauss-Jordan Elimination method**

A =

**IV) Solve this system of equations using the Elimination method**

**V) Consider the Matrices, and compute the following**

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