**Quiz M 240 Duration: 30 Min.**

**Student Name:**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Question I: If**

**and are bases for , then find the transition**

**matrix to .**

**Question II:**

**Find a basis for the row space of the matrix consisting entirely of row vectors from**