MAT216: Linear Algebra and Fourier Analysis

Section 7

Quiz 3

Duration: 30 minutes

Total Marks: 20 marks

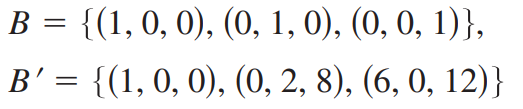
Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Student ID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Q1:** You are provided with the coordinate matrix of **x** relative to a basis ***B***. Find the coordinate vector of **x** relative to the standard basis in



[10 Marks]

**Q2:** Find the transition matrix from ***B*** to ***B’***.



[10 Marks]