**MIDTERM EXAM I**

**SECTION 1: TVM**

**There will be about 5 questions on excel on TVM that you need to use excel format formulas to calculate including FV, PV, Rate, Time, PMT**



**SECTION 2: PORTFOLIO MANAGEMENT**

There will be one question from the three formats below (A,B,C) that you need to calculate Average Rate of Return and Standard Deviation:

**FORMAT A (Historical:**



**FORMAT B (Historical):**



**FORMAT C (Scenario):**



There will be one question that you need to allocate your stocks and bonds and calculate the Correlation:



There will be one question on portfolio management to calculate portfolio returns, standard deviation, CAPM, Sharpe Ratio, Alpha and Treynor coefficient.



