Book: ***Probability & Statistics for Engineers & Scientists by Walpole Myers***

**Chapter 3-Random Variables**

**Ex (pg 91) (pdf)**

3.5, 3.7, 3.11, 3.12, 3.13, 3.21, and 3.32

**Ex (pg 109) (Joint pdf)**

3.38, 3.40, 3.42, 3.44, and 3.49

**Chapter 4-Mathematical Expectation**

**Ex (pg 117)  (Expected Value)**

4.1, 4.10, 4.12, 4.13, 4.17, 4.19, 4.26, 4.23

**Ex (pg 127) (Variance, Covariance and Correlation)**

4.35, 4.49, 4.50, and 4.44

**Chapter 5-Some Discrete pdf**

**Ex (pg 150) (Binomial)**

5.4, 5.5, 5.6, 5.7, 5.9, 5.12

**Ex (pg 157) (Hypergeometric)**

5.32, 5.33, 5.36

**Ex (pg 164) (Poisson)**

5.56, 5.57, 5.58, 5.61, 5.62, 5.65, 5.66, 5.73

***You are suggested to solve solved examples before attempting the above questions***