

Arts & Science 2R06

“Assignment 5”

Instructor: Prof. N. Balakrishnan

Assignment from Chapters 4 & 5 of the textbook

1. Exercise 4.83 on Page 170
2. Exercise 4.87 on Page 171
3. Exercise 4.96 on Page 172
4. Exercise 5.24 on Page 196
5. Exercise 5.25 on Page 196
6. Exercise 5.43 on Page 204
7. Exercise 5.48 on Page 205
8. Exercise 5.52 on Page 207
9. Exercise 5.56 on Page 208
10. Derive the expressions for the mean and variance of *Bionmial*(n, p) and *Poisson*(λ) distributions.

**Due on *November 6th* (Friday)
in the locker by 4:00pm**

All the best!