Instructions: Include all relevant work to get full credit.

Homework 14

- 1. Do problem 5.89 on page 268.
- **2.** Do problem 5.92 on page 269.
- **3.** Do problem 5.103 on page 276.
- 4. Do all parts of problem 5.114 on page 278. [Note that both density functions are Gamma density functions.]