

I. Read page 124 in the Upton and Upton (third edition) (122 in 4th Edition) *Photography* book and answer the following questions:

1. What is reciprocity? What would reciprocity failure mean? (5 points)
2. When does reciprocity failure normally occur? (5 points)
3. How much should you increase your exposure time to compensate for reciprocity failure? (5 points)

***Basic rule of thumb is to increase exposure by 1 1/2 to 2 stops.***

4. According to the chart on page 124, what exposure time and aperture would you use to photograph a city skyline at night? (5 points)
5. What would your new exposure time be if you used an aperture of f/16? (don't forget to include reciprocity)
6. What exposure time and aperture would you use to photograph a scene lit by candlelight? (5 points)

What if your aperture was f/11? (5 points)

II. Read pages 158 and 159 and answer the following questions:

7. How long will black and white photographic paper last if stored at room temperature? (5 points)

What are the two things that paper should be kept away from? (5 points)

8. Define the following terms related to photographic paper:

texture, gloss, image tone, weight, resin coating, printing grade, speed, latitude (5 points each)

III. Read pages 178 and 179 and answer the following questions:

9. What is dodging? (5 points)

10. What is burning-in? (5 points)