

**Lamar Photography**  
**Color**

Name \_\_\_\_\_

**I. Definitions**

Define the following words for me using the Upton and Upton book and the workbook.

1. Additive primary colors (of light)

2. Subtractive primary colors

3. Analogous

4. Chroma

5. Complimentary

6. Hue

7. Monochromatic

8. Neutrals

9. Shades

10. Tints

11. Values
12. Spectrum

## II. Short Answer

1. Color negative film is processed in what chemicals?
2. Color paper is processed in?
3. Explain what color temperature refers to:

What temperature is normal daylight?

What temperature is normal incandescent bulbs?

What color will our daylight film shift if we use it under Tungsten lighting?

What color temperature and shift will we get early in the morning or late in the afternoon?

4. Draw the color wheel:

5. Draw a diagram of color negative film:
  
6. What sort of exposure latitude do color negative and color slide film have?
  
7. What is the proper way to use a colored viewing filter? (page 248)
  
8. What two of the subtractive primary colors do we normally use when printing color?

What color would we add to our filters to remove blue from our print?

What color would we add to our filters to remove magenta from our print?

What would we do if our print was too red?

9. Calculate the following filter pack and exposure corrections:

47Y 63M    17 sec.  
 print is 15 points too red

\_\_\_\_\_ Y    \_\_\_\_\_ M    \_\_\_\_\_ sec.

26Y 45M 24 sec.  
print is 8 points too magenta

\_\_\_\_\_ Y \_\_\_\_\_ M \_\_\_\_\_ sec.

39Y 27M 11 sec.  
print is 20 points too blue

\_\_\_\_\_ Y \_\_\_\_\_ M \_\_\_\_\_ sec.