

Lighting  
Photography

Lamar/THS

Use the chapter on Lighting in the Upton and Upton book (4th ed.) to answer the following questions as thoroughly as possible.

1. According to the book, what are the four things which affect our final image? (4)
  
2. Direct light creates what type of shadows? (4)
  
3. The (larger, smaller) the light source, the sharper and darker the shadows will be. (2)
  
4. What is a point source? (4)
  
5. What are two sources for direct light? (4)
  
6. What kind of light comes from many different directions? (2)
  
7. What kind of lighting gives the highest contrast? (2)  
The lowest contrast? (2)
  
8. What are the similarities and differences between direct light and directional diffused light? (6)  
Similarities-  
  
Differences-
  
9. What are two sources for fully diffused light? (4)
  
10. What are two sources for directional diffused light? (4)
  
11. Why is the white wall in the photo of Bill Cosby gray? (see text for explanation) (4)
  
12. What time of day do many photographers prefer to shoot? Why? (4)

13. What is the purpose of the main light? (4)

14. Psychologically, why do we want to have just one main light? (4)

15. In the six photographs of the man on Main Light, tell me what you think the mood or the personality of the man is in each photograph. How does the lighting help achieve this effect? (12)

Photo 1 (far left)

Photo 2 (moving to the right)

Photo 3

Photo 4

Photo 5

Photo 6

16. What is the best way to tell if you need a fill light? (4)

17. What kind of film needs a fill light the most? Why? (4)

18. What does a 3:1 lighting ratio represent (answer in 3rd Edition) (5)

19. What are four sources for a fill light? (4)

20. How could you darken a shadow? (5)

21. Which type of lighting tends to widen a person's face in a portrait? How can you prevent this? (6)

22. What are three ways you can control reflections when you are photographing shiny objects? (3)

23. When using a flash what are 3 things you could do to avoid a distracting shadow behind your subject?