Pretest Study Guide Lighting & Controls

1. What is the basic function of a lighting control system?

2. Which aspect of lighting control is not just a switch?

3. What is considered maintenance of snap switches?

4. Which dimmers have the longest life?

5. How are large numbers of fluorescent lights dimmed?

6. How do photocells work?

7. What is the result of a photocell being installed facing a dark or shadowed area?

8. How are photocells tested?

9. How are most mechanical timers operated?

10. What is the best source for troubleshooting tips for a timer?

11. What is the advantage of a lighting contactor?

12. What is another name for a lighting contactor?

13. What is indicated by a bluish tinge on contacts in a contactor?

14. What should be done with pitted contacts?

15. What are the three basic groups of remote control switching systems?

Incandescent Lighting

1. What type of energy is light?

2. How do light rays travel when unaffected by other forces?

3. What are the two methods of producing artificial light?

4. What is the meter used to measure light?

5. What is a foot-candle?

6. How many lumens are produced by one candlepower?
7. How does a foot-candle meter work?

8. What are the three types of material used in direct lighting?

9. What color walls will reflect the most light?

10. What is the most efficient type of lighting system?

11. What is the efficiency of semi-direct lighting?

12. What is one big advantage of indirect lighting?

13. What type of lighting is typically used in offices and commercial establishments?

14. How high should direct lighting fixtures be mounted?

15. What is the coefficient of utilization?

16. What is the maintenance factor for a very clean area?

17. What is the most common voltage for lighting systems in residential applications? Industrial?