

## ***Designing With Light***

### **Chapter 6 Self-Evaluation**

1. What is reflection?
  - a. Light bouncing off of a material
  - b. Light absorbed by a material
  - c. Light passing through a material
2. What do refractors do to light?
  - a. Block it
  - b. Allow it to pass
  - c. Bend it
  - d. Scatter it
3. Materials that transmit light are not
  - a. Transparent
  - b. Translucent
  - c. Opaque
4. What is inter-reflection?
  - a. All reflected light in a space
  - b. Primary reflections
  - c. Secondary reflections
  - d. Light reflected into shadows
5. Another word for a veiling reflection is:
  - a. Direct glare
  - b. Disability glare
  - c. Reflected glare
6. Which organization has defined luminaire distribution patterns?
  - a. CIE
  - b. IALD
  - c. IES
  - d. NCQLP

7. A luminaire in the ceiling that directs its light toward the workplane has what kind of distribution?
  - a. Direct
  - b. Semi-Direct
  - c. Indirect
  - d. Diffuse
  
8. A luminaire that bounces all of its light off of the ceiling has what kind of distribution?
  - a. Direct
  - b. Semi-Indirect
  - c. Indirect
  - d. Diffuse
  
9. A track light focused on a store display has what kind of distribution?
  - a. Diffuse
  - b. Indirect
  - c. Semi-Direct
  - d. Direct
  
10. A crystal chandelier has what kind of distribution?
  - a. Direct
  - b. Semi-Direct
  - c. Semi-Indirect
  - d. Diffuse

**Answers are on the next page**

**Answers:**

- 1) A
- 2) C
- 3) C
- 4) A
- 5) C
- 6) A
- 7) A
- 8) C
- 9) D
- 10) D