

CHAPTER-11 | Light, Shadows and Reflections

QUIZ
PART-01

1. Sources of light are classified into:

- A. Bright & dim
- B. Natural & Artificial
- C. Big & small
- D. Solid & liquid (B)

Explanation: Light sources are natural or artificial.

2. The Sun is a:

- A. Artificial source
- B. Natural source
- C. Non-luminous object
- D. Mirror (B)

Explanation: The Sun produces its own light.

3. Fireflies are:

- A. Non-luminous
- B. Artificial sources
- C. Natural luminous objects
- D. Reflectors (C)

Explanation: Fireflies emit light naturally.

4. Electric bulb is:

- A. Natural source
- B. Artificial source
- C. Non-luminous
- D. Transparent (B)

Explanation: Bulb produces light using electricity.

5. The Moon is:

- A. Luminous
- B. Artificial
- C. Non-luminous
- D. Transparent (C)

Explanation: Moon reflects sunlight.

6. LED stands for:

- A. Light Electric Device
- B. Light Emitting Diode
- C. Light Energy Display
- D. Luminous Energy Device (B)

Explanation: Full form is Light Emitting Diode.

7. LEDs are better because they:

- A. Consume more power
- B. Break easily
- C. Use less electricity
- D. Produce heat only (C)

Explanation: LEDs save electricity.

8. Objects that emit light are called:

- A. Opaque
- B. Luminous
- C. Transparent
- D. Translucent (B)

Explanation: Luminous objects give out light.

9. Light travels in a:

- A. Curved line
- B. Zig-zag line
- C. Straight line
- D. Circular path (C)

Explanation: Light shows rectilinear propagation.

10. Seeing flame through straight pipe but not bent pipe proves:

- A. Reflection
- B. Refraction
- C. Light travels straight
- D. Diffusion (C)

Explanation: Light travels in straight line.