

## CHAPTER-10 | Light: Mirrors and Lenses

QUIZ  
PART-06

1. Convex lens makes parallel rays:

- A. Diverge
- B. Converge
- C. Scatter
- D. Stop (B)

*Explanation:* It bends rays inward.

2. Concave lens makes parallel rays:

- A. Converge
- B. Diverge
- C. Stop
- D. Burn (B)

*Explanation:* It spreads rays.

3. Glass plate does:

- A. Converge
- B. Diverge
- C. No change
- D. Reflect (C)

*Explanation:* It doesn't change direction.

4. Convex lens can burn paper because:

- A. It absorbs heat
- B. It focuses sunlight
- C. It reflects
- D. It blocks light (B)

*Explanation:* Concentrated sunlight produces heat.

5. Human eye contains:

- A. Concave lens
- B. Convex lens
- C. Mirror
- D. Prism (B)

*Explanation:* Eye has convex lens.

6. Eyeglasses use:

- A. Lenses
- B. Mirrors
- C. Prisms
- D. Plates (A)

*Explanation:* Lenses correct vision.

7. Camera works using:

- A. Mirror only
- B. Lens
- C. Magnet
- D. Glass plate (B)

*Explanation:* Lens forms image.

8. Telescope uses:

- A. Lens
- B. Wire
- C. Magnet
- D. Battery (A)

*Explanation:* Lenses help magnify distant objects.

9. Convex lens is called:

- A. Diverging lens
- B. Converging lens
- C. Plane lens
- D. Flat lens (B)

*Explanation:* It converges light rays.

10. Refraction means:

- A. Reflection
- B. Bending of light
- C. Absorption
- D. Emission (B)

*Explanation:* Light bends when medium changes.