

## CHAPTER-10 | Light: Mirrors and Lenses

QUIZ  
PART-05

1. Lens is made of:

- A. Wood
- B. Metal
- C. Glass/plastic
- D. Rubber (C)

*Explanation:* Lenses are transparent materials.

2. Lens allows light to:

- A. Reflect
- B. Pass through
- C. Stop
- D. Burn (B)

*Explanation:* Lenses transmit light.

3. Convex lens is thicker at:

- A. Edges
- B. Middle
- C. Top
- D. Bottom (B)

*Explanation:* Convex lens thick in centre.

4. Concave lens is thicker at:

- A. Middle
- B. Edges
- C. Both
- D. None (B)

*Explanation:* Concave lens thick at edges.

5. Water drop acts like:

- A. Concave lens
- B. Convex lens
- C. Curved drop magnifies.
- D. Prism (B)

*Explanation:* Curved drop magnifies.

6. Convex lens close object image:

- A. Inverted
- B. Erect and enlarged
- C. Smaller
- D. No image (B)

*Explanation:* Close object forms magnified erect image.

7. Moving object away from convex lens gives:

- A. Always erect
- B. Inverted image
- C. No image
- D. Same size (B)

*Explanation:* Image becomes inverted.

8. Concave lens image is always:

- A. Inverted
- B. Enlarged
- C. Erect and smaller
- D. Same size (C)

*Explanation:* Concave lens always forms erect diminished image.

9. Image formation depends on:

- A. Colour
- B. Lens type & object distance
- C. Temperature
- D. Size only (B)

*Explanation:* Both factors matter.

10. Magnifying glass is:

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

*Explanation:* It enlarges objects.