

# OPTICS

- Light travels in **straight lines**
- Shadow formation proves **rectilinear propagation**
- **Reflection** → bouncing back of light
- **Angle of incidence** = angle of reflection
- **Concave mirror** → real or virtual image
- **Convex mirror** → always virtual, diminished
- **Refraction** → bending of light
- Occurs **due to speed change**
- **Convex lens** → converging
- **Concave lens** → diverging
- Image in eye **formed on retina**
- **Myopia** → corrected by concave lens
- **Hypermetropia** → corrected by convex lens


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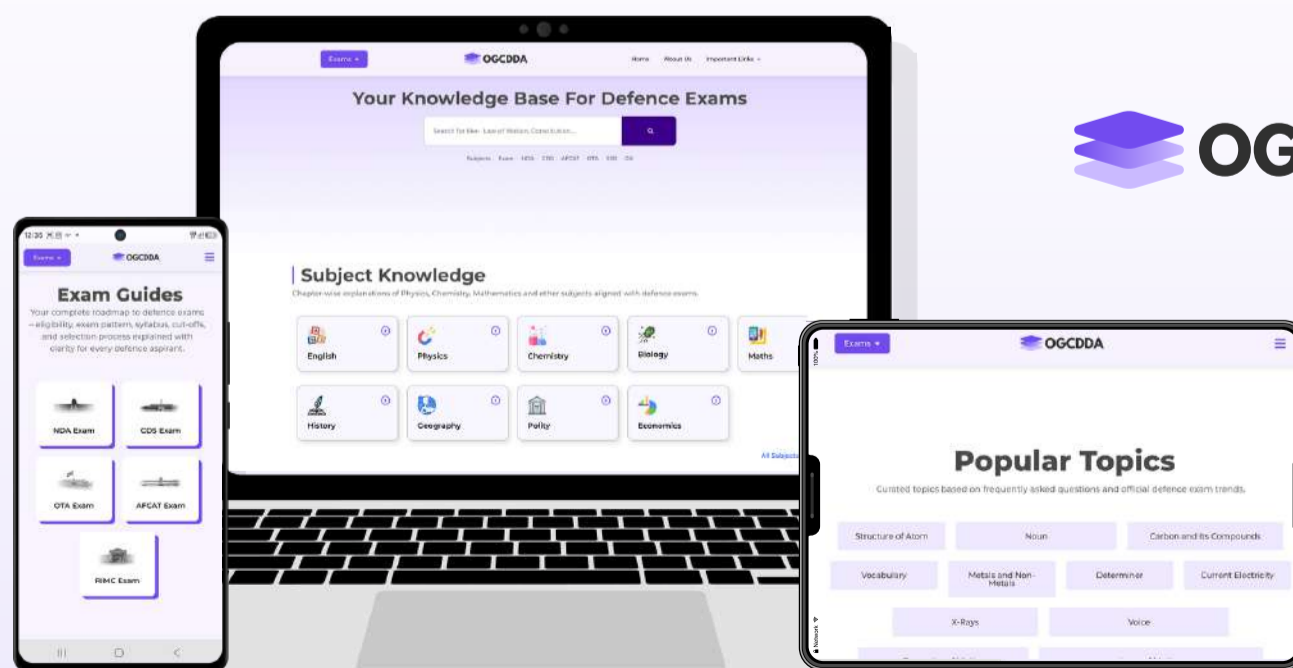
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