Exam Information - Optics

Key Topics :

Properties of Light

      Ways that light is produced

      Wave properties

      Colour Theory

Reflection

      Plane Mirrors

      Concave and Convex Mirrors

Refraction

      Formula for calculating refractive index

      Critical Angle and Total Internal Reflection

      Converging and Diverging Lenses

$$n = \frac{c}{v}$$

Lens and Mirror Formulas

$$m = \frac{h_i}{h_o} = -\frac{d_i}{d_o}$$

$$\frac{1}{f} = \frac{1}{d_i} + \frac{1}{d_o}$$

Human Eye

      Image formation

      Key Parts