

VIDYA VAHINICLASS : XII

SUBJECT : PHYSICS

CHAPTER : RAY OPTICS &

TOPIC : ^{OPTICAL INSTR.} Reflection & refraction.

- 1) angle made by incident ray with _____ is called angle of incidence.
- 2) according to laws of reflection, angle of incidence is equal to angle of _____.
- 3) point where parallel rays converge after reflection from concave mirror is called _____.
- 4) All the distances must be measured from _____.
- 5) $\frac{\sin i}{\sin r} = n$, Here 'n' is called _____.
- 6) angle of incidence for which angle of refraction is _____, degrees is called critical angle.
- 7) For a ray to under go total internal reflection, it should move from _____ medium to _____ medium.
- 8) Reciprocal of focal length is called _____ of a lens.
- 9) The ratio of size of image to size of object is called _____.