

ASSIGNMENT

CLASS X PHYSICS

- 41 _____ mirror is used as a security mirror in shops and on roads at sharp bends and concealed entrances. 1
- 42 The refractive index of a transparent medium is the ratio of the speed of light in _____ to that in the _____. 1
- 43 If the magnification has a minus sign, then the image is _____ and _____. 1
- 44 The focal length of a lens is the distance between _____ and _____ of the lens. 1
- 45 The focal length of a concave lens is considered to be _____. 1
- 46 In order to calculate the power of a lens, we need its focal length in _____. 1
- 47 Angle of refraction cannot exceed 90° . [True/False] 1
- 48 _____
When incident angle i satisfies $n = \frac{1}{\sin i}$, the refracted light will pass along the surface. [True/False] 1
- 49 A person standing in front of a mirror finds his image larger than himself. This shows that mirror is convex in nature. [True/False] 1
- 50 Lateral displacement increases with the thickness of the given slab. [True/False] 1