

DELHI PUBLIC SCHOOL, JAMMU

ASSIGNMENT (2024-25)

Class: X

Subject: Physics

Month: May

1. _____ physical quantity remains constant when light travels from one medium to another medium. 1
 - (a) Velocity
 - (b) Wavelength
 - (c) Frequency
 - (d) Both (b) and (c)

2. The image which can be obtained on a screen is called; 1
 - (a) Virtual image
 - (b) Real image
 - (c) Both (a) and (b)
 - (d) None of these

3. Assertion: Light is a transversal wave. 1
Reason: Light need not require medium for its propagation.

4. Define optical density and refraction. 2

5. Give difference between absolute and relative RI 2

6. Draw images formed by concave mirror 3

Students will do this assignment in their Physics assignment notebook. Assignment notebooks will be submitted to your Physics teacher on 21st of May.