

DELHI PUBLIC SCHOOL, JAMMU
SESSION (2018-2019)
ASSIGNMENT SHEET-III
CHAPTER - LIGHT

Class : VII

SUBJECT: SCIENCE

Short answer type questions-II

1. Write down the uses of concave mirrors.

2. Write down the uses of convex mirrors.

3. Write down the characteristics of the image formed by a plane mirror.

4. Define (a) spectrum (b) dispersion of light

5. What will be the position of the image in a concave mirror, if the object is placed at centre of curvature? Mention the nature of the image.

6. If the object is placed between F and 2F, show where the image is formed by a convex lens.

7. Explain the following terms
 - (a) Optical centre of a concave lens.
 - (b) Focal length of a concave lens.
 - (c) Principal axis of a concave lens.

8. What did Newton demonstrate with the help of the Newton's disc?