



SACRED HEART SCHOOL
Jhumri Telaiya, Koderma
ASSIGNMENT (2020– 2021)

Class - X

Subject – PHYSICS

Assignment questions based upon online class

1. Draw a ray diagram to show the path of the reflected ray corresponding to an incident ray which is directed parallel to the principal axis of a convex mirror. Mark on it the angle of incident and the angle of reflection
2. Draw the ray diagram and also state the position, the relative size and the nature of image formed by a concave mirror when the object is placed at the centre of curvature of the mirror.
3. List four characteristics of the images formed by plane mirrors.
4. In order to obtain a magnified and virtual image of an object, where should it be placed? Also write the characteristics of the image.