



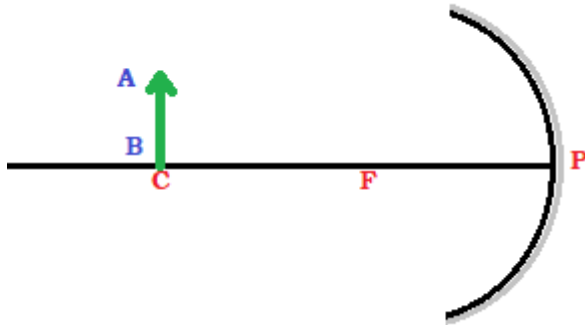
**SACRED HEART SCHOOL**  
Jhumri Telaiya, Koderma  
**ASSIGNMENT (2020– 2021)**

Class - X

Subject – PHYSICS

**Assignment questions based upon online class**

1. In order to obtain virtual, erect and magnified image of the object, where should be object placed? Illustrate with ray diagram.
2. Write five application of each concave and convex mirror.
3. Complete the ray diagram and write the nature of the image of given object:



4. Under what condition in an arrangement of two plane mirrors, incident ray and reflected ray will always be parallel to each other, whatever may be angle of incidence. Show the same with the help of diagram.