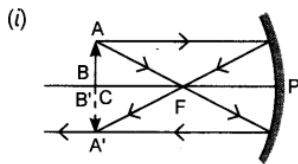


CHAPTER 4. (LIGHT)

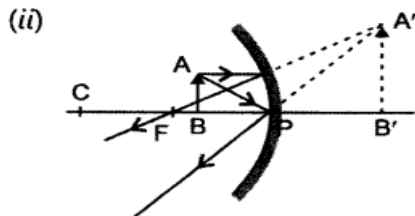
. Draw the ray diagram in each case to show the position and nature of the image formed when the object is placed:

- (i) at the centre of curvature of a concave mirror
- (ii) between the pole P and focus F of a concave mirror
- (iii) in front of a convex mirror

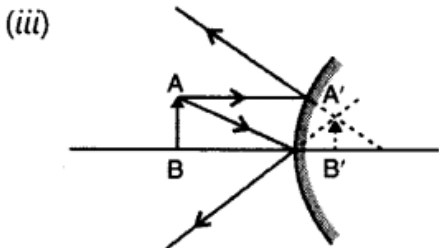
Answer.



Nature of image: Real, inverted and same size image is formed at the centre of curvature.



Nature of image: Virtual, enlarged and erect image is formed behind the mirror.



Nature of image: Virtual, erect and diminished, image is formed behind the mirror.