VIDYA BHAVAN, BALIKA VIDYAPEETH

SHAKTI UTTHAN ASHRAM, LAKHISARAI, PIN:-811311

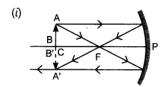
SUBJECT:- PHYSICS CLASS:- XTH DATE:25/06/XX

SUBJECT TEACHER:- MR. NEEL NIRANJAN

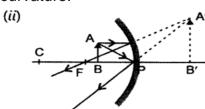
CHAPTER 4. (LIGHT)

- . 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

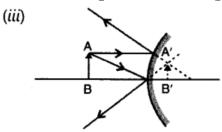
Answer.



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.