## VIDYA BHAVAN, BALIKA VIDYAPEETH

## SHAKTI UTTHAN ASHRAM, LAKHISARAI, PIN:-811311

**SUBJECT:-** PHYSICS

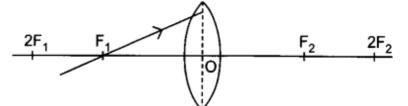
CLASS:- XTH

DATE:28/06/XX

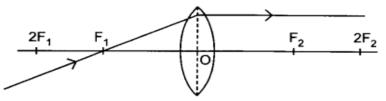
**SUBJECT TEACHER:- MR. NEEL NIRANJAN** 

## CHAPTER 4. (LIGHT)

## 8. Redraw the given diagram and show the path of the refracted ray:



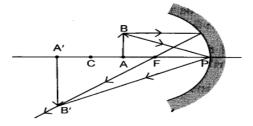
Answer.



9. Draw the following diagram in your answer book and show the formation of image of the object AB with the help of suitable rays.



Answer.



**10. Which kind of mirrors are used in the headlights of a motor-car and why? Answer.** Concave mirror, to get the parallel beam of light.