#### VIDYA BHAVAN, BALIKA VIDYAPEETH

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

**SUBJECT:-** PHYSICS

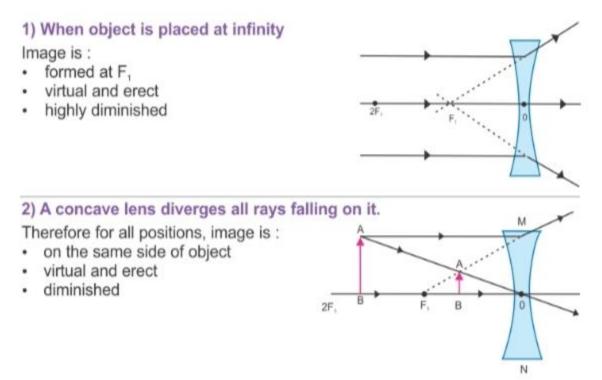
CLASS:- XTH

DATE:14/07/XX

### SUBJECT TEACHER:- MR. NEEL NIRANJAN

# CHAPTER 5. (LIGHT- REFRACTION) (BASED ON NCERT PATTERN)

### **IMAGES FORMED BY CONVCAVE LENS:-**



# USES OF CONCAVE LENS:-

- Glasses: Opticians use concave lenses to correct nearsightedness.
- **Cameras:** Camera manufacturers use combinations of concave and convex lenses to improve the quality of photographs.
- **Flashlights:** Concave lenses are used in flashlights to widen the beam produced by the bulb.
- **Peepholes:** Door viewers, or peepholes use one or more concave lenses device to minimize the proportions of specific objects and give a wide overview of an entire area.