

## Answer in Detail

1. Give the characteristics of the image formed by a plane mirror.
2. Differentiate between regular and diffused reflection. Give diagram.
3. Give short notes on:
  - (a) How we see things
  - (b) Working of the eye
  - (c) Defects of vision
  - (d) Persistence of vision
  - (e) Aids used by visually challenged people
  - (f) Role of nutrition in proper eye care
4. With the help of a neat and well-labelled diagram, explain the structure of eye.
5. Give a detailed description of the Braille system.

## B. Answer Briefly

1. Define the following.
  - (a) Accommodation
  - (b) Light
  - (c) Multiple reflection
  - (d) Beam of light
  - (e) Reflection
  - (f) Near point
2. State the two laws of reflection. Also draw a well-labelled diagram to explain these.
3. What do you understand by the term dispersion of light?
4. What is multiple reflection? What formula do you use to find out the number of images formed by two mirrors?
5. Write a short note on accommodation.