

# Characteristics of Light

## 1. Fill in the blanks

- A. The splitting of a ray of white light into its constituent colours is called \_\_\_\_\_.
- B. The speed of light is faster than \_\_\_\_\_.

## 2. True or false

- A. The angle of incidence is equal to the angle of reflection.
- B. Light is a form of energy.

## 3. Match the following:-

Column A	Column B
I. Transparent	A. Hypermetropia
II. Translucent	B. Table, Book
III. Opaque	C. Butter paper
IV. Spherical mirror	D. Glass
V. Convex lens	E. Concave

## 4. Answer the following questions

- A. Explain the characteristics of light.
- B. What are the properties of light?
- C. What is the difference between dispersion of light and diffraction of light? Explain.