

4. Answer the following questions.

- (i) What is the speed of light in vacuum?
- (ii) What is a source of light? State any two natural sources of light.
- (iii) Define nonluminous object with an example.
- (iv) What is meant by real image?
- (v) How does lunar eclipse occur?

Chapter 5: Light

Worksheet 2

1. Fill in the blanks.

- (i) An almirah is an _____ object.
- (ii) _____ substances allow light to pass through them.
- (iii) A _____ is a dark patch formed when an opaque object blocks the path of light.
- (iv) _____ is the dark portion of a shadow.
- (v) A _____ eclipse is observed on a full moon night only.

2. Match the columns.

Column A

- (i) Wood
- (ii) Transparent object
- (iii) Sun
- (iv) Translucent object
- (v) Opaque object

Column B

- (a) Butter paper
- (b) Nonluminous object
- (c) Brick
- (d) Luminous object
- (e) Glass

3. Answer the following questions.

- (i) Define umbra of a shadow.
- (ii) How does solar eclipse occur?
- (iii) State the principle on which a pinhole camera works.
- (iv) What type of image is formed by a pinhole camera?
- (v) Name the property of light which travels in a straight line.

4. Write the name of the following figures.

