

# Science Worksheet

## Light, Shadow and Reflection Class VI

1. Two statements are given Statement A: We cannot see our image in the mirror in complete dark room because there is no light to reflect. Statement B: We cannot see objects through T shaped pipe because light travels through straight line

- a) Statement A is correct only
- b. Statement A is correct only
- c) Statement A and B both are incorrect
- d. Statement A and B both are correct

2. The speed of light is

- a. 300,000 km/s.
- b. 300,000 m/s
- c. 30,000 km/s
- d. 30, 000 m/s

3. Which of these objects can cast a shadow?

- a. A lighted bulb
- b. A wooden door
- c. A glass pane
- d. None of these

4. Which of the following is required for the formation of a shadow?

- a. Source of light
- b. An opaque object.
- c. An opaque screen
- d. All of these.

5. Rectilinear propagation of light means

- a. Light travels in straight lines
- b. Light travels in curved path
- c. Light travels in zigzag path
- d. Light travels in circular path