

DELHI PUBLIC SCHOOL JAMMU

SESSION 2024-25

MONTH: JANUARY

ASSIGNMENT

CLASS: VI

SUBJECT: SCIENCE

TOPIC: LIGHT, SHADOWS AND REFLECTIONS

Q1. Cellophane paper is an example of _____ objects.

- a) Transparent
- b) Translucent
- c) Opaque
- d) None of these

Q2. **Assertion (A):** Moon is a luminous body.

Reason (R) : Moon reflects the light of the sun falling on it.

- a) Both A and R are true, and R is the correct explanation of A.
- b) Both A and R are true, but R is not the correct explanation of A.
- c) A is true, but R is false.
- d) A is false, but R is true.

Q3. We depend on light energy for our food. Do you agree? Why/Why not?

Q4. Which type of objects do not cast a shadow? Why?

Q5. How do you see your image in the water of a swimming pool?

Q6. Observe the given diagram and answer the questions that follows.



Figure A.

Figure B

- a) Will you be able to see the candle flame in Figure A? Why/Why not?
- b) Name and explain the phenomenon depicted in Figure B.