



**JAMMU SANSKRITI SCHOOL, JAMMU**  
**LEARN FOR LIFE**  
**ASSIGNMENT FOR THE MONTH OF AUGUST**  
**SESSION (2024-25)**



**NAME:**

**ROLL NO:**

**CLASS:**

**SUBJECT :**

**LESSON / TOPIC :Light ,Shadow and Reflection**

**Fill in the blanks:**

1. A \_\_\_\_ of light is a broad collection of several rays.
2. An \_\_\_\_\_ is the shadow of a celestial body made in the space.
3. Pinhole camera is based on the principle that \_\_\_\_\_ travels in a straight line.
4. Sunlight is actually made up of \_\_\_\_\_ different colors combined together.
5. Light shows a \_\_\_\_\_ propagation.

**Answer these questions:**

**Q1. Define Rectilinear propagation.**

**Q2. Which one can you get on a screen- a shadow or an image formed by a mirror?**

**Q3. What do you mean by Solar Eclipse?**

**Q4. What is meant by beam ?**

**Q5. Why is pinhole camera useful to us ?**

**Assertion and Reasoning :**

**Assertion (A) :**When we look into the mirror, we see our own face inside the mirror.

**Reason (R):** Mirror is made of a transparent substance that allows the light to pass through 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.**