

Name: \_\_\_\_\_ Date: \_\_\_\_\_

### Light, Shadows and Reflections

Q1. Name one living thing which emits light?

Ans. \_\_\_\_\_

Q2. What could be the shape of the shadows?

Ans. \_\_\_\_\_

Q3. Does the color of opaque object affect the color of the shadow?

Ans. \_\_\_\_\_

Q4. When shadow cannot be formed?

Ans. \_\_\_\_\_

Q5. Does the flame of gas stove emit light? Explain.

Ans. \_\_\_\_\_

Q6. Can light pass through opaque objects?

Ans. \_\_\_\_\_

Q7. Can we see shadow even if there is no light?

Ans. \_\_\_\_\_

Q8. What is the color of a shadow?

Ans. \_\_\_\_\_

Q9. How can non-luminous object be made luminous?

Ans. \_\_\_\_\_

## Light, Shadows and Reflections

Q1. Name one living thing which emits light?

Ans. Jugnu (firefly)

Q2. What could be the shape of the shadows?

Ans. It will similar to the object.

Q3. Does the color of opaque object affect the color of the shadow?

Ans. No, the color of opaque object does not affect the color of the shadow.

Q4. When shadow cannot be formed?

Ans. Shadow cannot be formed when light is coming from all direction.

Q5. Does the flame of gas stove emit light? Explain.

Ans. Yes, the flame of gas stove emits light because it is visible in the dark.

Q6. Can light pass through opaque objects?

Ans. No, light cannot pass through opaque objects.

Q7. Can we see shadow even if there is no light?

Ans. No, we cannot see shadow in the absence of light.

Q8. What is the color of a shadow?

Ans. A shadow is black in color.

Q9. How can non-luminous object be made luminous?

Ans. Non-luminous object can be made luminous by heating it.