



**INDIAN SCHOOL MUSCAT**  
**DEPARTMENT OF SCIENCE**

<b>SUBJECT: SCIENCE</b>	<b>Revision Worksheet No: 5</b>
<b>TOPIC : LIGHT ,SHADOWS AND REFLECTION</b>	<b>STD : 6</b>
<b>Coordinating Staff: Ms.Sojitha Nair</b>	
<b>Date of Issue: 10. 08.17</b>	

Name of the student: \_\_\_\_\_ Class 6\_\_ Roll No: \_\_

**1. ANSWER THE FOLLOWING**

1. What are luminous objects? Give any two examples.

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2. Classify the given materials into transparent, translucent and opaque objects.

Clean water, frosted glass, mud, clear air, butter paper, cellophane paper, mirror

transparent	translucent	opaque

3. Represent diagrammatically (a) a beam of parallel rays (b) a beam of rays coming from a point source of light.

4. Name the property of light which is responsible for the image formation in a pinhole camera.

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5. Write ONE similarity and ONE difference between shadow and image of an object.

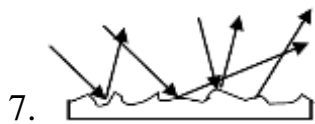
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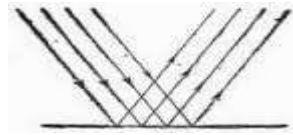
6. What happens to the size of the image when the distance between the object and the pinhole in a pinhole camera is increased?

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A



B

a) Write the difference between the above two reflections.

b) Which one of these reflections is responsible for the image formation in a plane mirror?

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8. What are the conditions required for the formation of a shadow?

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