

**UNIT**

**6**

**PROPERTIES**

**AND**

**BEHAVIOUR OF LIGHT**



# QUESTIONS

6.1 Encircle the correct option.

i. The light from the Sun reaches the Earth in about:

- a. 5 minutes.
- b. 8 minutes.
- c. 10 minutes.
- d. 15 minutes.

ii. Lunar eclipse occurs when:

- a. the Moon comes between the Sun and the Earth.
- b. the Earth comes between the Sun and the Moon.
- c. the Sun comes between the Earth and the Moon.
- d. the Mars comes between the Sun and the Moon.

iii. The objects which do not allow light to pass through them are:

- a. transparent
- b. translucent
- c. luminous
- d. opaque

iv. The objects which allow some of the light to pass through them are:

- a. transparent
- b. translucent
- c. luminous
- d. opaque

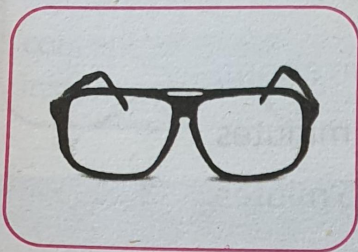
v. A shadow of an object is formed because the:

- a. object is luminous
- b. object is opaque
- c. object is too big
- d. object is transparent

vi. When light source is far away from the object, the shadow formed is:

- a. equal in size to the object.
- b. smaller in size than the object.
- c. bigger in size than the object.
- d. double in size than the object.

6.2 Identify transparent, translucent and opaque objects from the following:



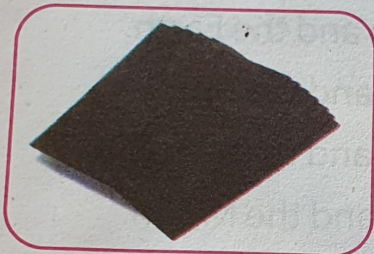
Glasses



Door



Sun hat



Black card



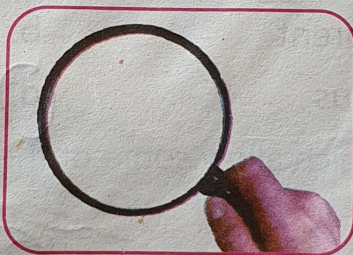
Stain-glass window



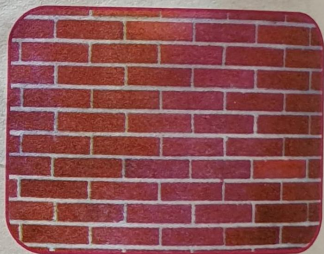
Plane glass window



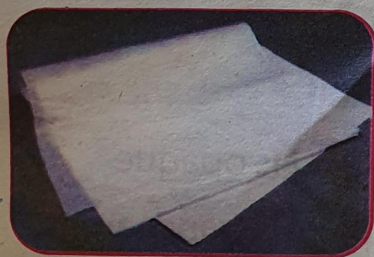
Net curtain



Magnifying glass



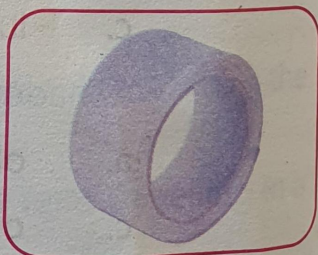
Brick wall



Tissue paper



Water



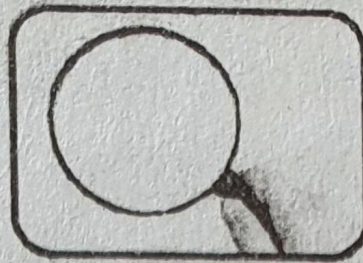
Sellotape

Transparent:	Glasses, <sup>Plane</sup> plain-glass window, Magnifying glass, <sup>water,</sup> ←
Translucent:	Net curtain, Tissue paper, Sellotape, stain glass window
Opaque:	Door, Sun hat, Blackcard, Brick wall.



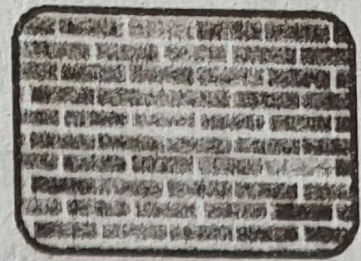
Net curtain

جالی دار پردہ



Magnifying glass

میکڈیفنگ گلاس



Brick wall

اینٹوں کی دیوار



Tissue paper

ٹشو پیپر



Water

پانی



Sellotape

سیلوٹیپ  
*Plane*

<b>Transparent:</b> شفاف	Glasses, <del>stain</del> glass window, Magnifying glass, water
<b>Translucent:</b> نیم شفاف	Net curtain, Tissue paper, sellotape, stain-glass window
<b>Opaque:</b> غیر شفاف	Door, Sun hat, Blackboard, Brick wall