



INDIAN SCHOOL NIZWA - WORKSHEET

Science Chapter – 12 Light & Shadow		
Name: _____	Date: _____	Class: V Sec: ____

I) Choose the correct answer from the options given.

- Which of these is not a source of light?
(a) Sun (b) Torch (c) Bulb (d) Moon
- Butter paper is:
(a) Transparent (b) Translucent (c) Opaque
- What do we call the dark area formed by an opaque object when light falls on it?
(a) Reflection (b) Shadow (c) Refraction (d) Lens
- The shadow of a rainbow-coloured ball will be:
(a) White (b) Blue (c) Black (d) Green
- Shadows give us information about:
(a) Shape of source (b) Surface (c) Size of object (d) Shape of object

II Fill in the blanks.

- The ----- is our main and natural source of light on Earth.
- Shadows are long during the early ----- and -----.
- A shadow is formed on the ----- of the light source.
- Light travels in a ----- line.
- A metal glass is an example of an ----- object.

III Write whether the following statements are "TRUE / FALSE". Rewrite the false statements.

- Shadows are formed when light is blocked by an object.
- Transparent materials do not allow light to pass through them.



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13. The size of the shadow depends on the distance of the object from the light source.

IV Match the following.

- | | |
|-------------------|---------------------------------|
| (i) Shadow | (a) Artificial source of light |
| (ii) Candle | (b) Natural source of light |
| (iii) Transparent | (c) Caused by of Earth and Moon |
| (iv) Eclipse | (d) Path of light blocked |
| (v) Glow worm | (e) Can see clearly through it |

V Answer the following questions.

14. Do the shadows get formed in a completely dark room?
15. We cannot see in the dark. Give reasons.
16. Which shadow will be bigger, when an object lies near the source of light or away from the source of light?
17. Do shadows have a colour? Why?