INDIAN SCHOOL NIZWA - WORKSHEET

SCIENCE

CH: 11 LIGHT,SHADOWS AND REFLECTIONS Class: VI

I Write true or false

1. Moon is a luminous object. _____
2. The size of a shadow depends on the position of sun in the sky. _____
3. A pinhole camera is an application of rectilinear propagation of light. _____
4. Real image is formed by a mirror. _____
5. Shadow of an object is formed behind the object. _____

II Match the following

	Column A	Column B
6.	A wooden piece	Pinhole camera
7.	Frosted glass	Bouncing back of light
8.	Eclipse	Opaque
9.	Reflection	Shadow cast by heavenly body
10	Real & inverted image	Translucent

III Fill in the blanks

11. Light is a form of _____.
12. All bodies which emit light energy by themselves is called _____ bodies.
13. A glowing electric bulb is an example of _____ source of light.
14. A _____shows only the outline of an object.
15. We should not look directly at the _____ during solar eclipse.

III Answer the following

16. Define lateral inversion.
17. On which principle is a pinhole camera based? What kind of an image is formed by a pinhole camera?
18. Describe an activity to show that light travels in straight line.
19. Distinguish between shadows and images