



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 on 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 _____.

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