

Bharatiya Vidya Bhavans, V.M. Public School

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| Date: | Chapter-13 | Subject: Science |
| Class: VI | Name of the student: | |

State True or False

1. Light travels in straight line
2. A Shadow can be coloured
3. The image formed in pinhole camera is both erect and inverted
4. Transparent object does not cast shadows
5. A periscope is an instrument used for observing objects from a hidden position
6. Moon is a luminous object

Fill in the Blank

1. The phenomenon by which we see our face in mirror is called _____
2. Sun is an _____ object
3. A _____ eclipse occurs when earth comes between sun and moon in a straight line.
4. Wooden piece is an _____ object
5. _____ and _____ are two types of shadows
6. The objects which partially allow light to pass through them are called _____
7. speed of light is _____
8. The image formed by pinhole camera is _____
9. Solar eclipse is formed on a _____
10. Lunar eclipse occurs when the shadow of the _____ falls on the _____.

Answer the following questions

1. What is reflection of light?
2. Differentiate between luminous and non-luminous object.
3. Explain with the help of diagrams:
 - a) Formation of solar eclipse
 - b) Formation of lunar eclipse
 - c) Image formed in a pinhole camera
4. Moon is a non-luminous body. Still we can see things on a full moon night. Why?
5. What are the factors on which shape, size and nature of a shadow depend? Explain with the help of diagram.
6. Why is your shadow smaller during the day than that in the morning and evening?