

WORK SHEET
SECOND TERM
SUBJECT- SCIENCE
LESSON- LIGHT & ELECTRIC CIRCUITS
CLASS- VI

Q. 1. Define:-

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|------------|---------------------|-------------------------|---------------|
| a. Shadow | b. Luminous object | c. Beam | d. Reflection |
| e. Battery | f. Electric circuit | g. Transparent objects. | |

Q. 2. Differentiate between the following:-

- a. Conductors and Insulators.
- b. Transparent and Translucent.
- c. Luminous and Non-luminous objects.
- d. Divergent and Convergent rays.
- e. Umbra and Penumbra.

Q. 3. Fill in the blanks:-

- a. A shadow is black, while an image is _____.
- b. Light travels in _____ line.
- c. The _____ layer is the main reflecting surface of a mirror.
- d. We get _____ energy to run electrical devices from the mains or from cells.
- e. The insulation on wires prevents a _____ circuit.

Q. 4. Write True or False:-

- a. Silver is a good conductor of electricity.
- b. Wood is a transparent material.
- c. The shadow is the smallest in the morning.
- d. When the moon's shadow falls on the earth, we have a solar eclipse.

Q. 5. Answer the following:-

- a. How does a mirror form an image?
- b. What is a solar eclipse? Explain with diagram.
- c. What is inside a cell? What is its significance?
- d. Explain the importance of insulators.
- e. Describe a pinhole camera. Why is the image formed by it inverted?

Q.6 Draw the following diagrams:

- a. Pin hole camera
- b. Lunar eclipse
- c. Solar eclipse
