

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

**Q. 1. Define:-**

- |            |                     |                         |               |
|------------|---------------------|-------------------------|---------------|
| 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

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