**The Maurya School, Palam Vihar, Gurgaon**

**Academic Session 2013-2014**

**Reinforcement Sheet ( for FA-4)**

**Class – VI**

**Subject – Science**

**NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DATE : \_\_\_\_\_\_\_\_\_\_**

**ROLL NO. :\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Q1. Tick the correct option:**

1. A shadow can be obtained when there is:

a) a source of light only b) an opaque object only

c) none of these d) both (a) and (b)

1. Which of the following is used for finding direction?

a) Magnet b) Iron pins c) Magnetic compass d) Geometry compass

1. Electric current can flow through

a) human body b) graphite c) mercury d) all of these

1. The poles that repel are:

a) north-north b) south-south c) south-north d) .both (a) and (b)

1. What is the function of the component shown below?

a) It is used to connect the bulb to the other component of the circuit

b) It provides the energy for the bulb to glow

c) It controls the flow of current in a circuit

d) It measures the current in a circuit

**Q2 Give one word for the following:**

1. A point of connection for closing an electric circuit: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. The only sure test of magnetism:\_\_\_\_\_\_\_\_\_.
3. The materials that do not allow electric current to pass through them \_\_\_\_\_\_\_\_\_\_\_.
4. The process of bouncing back of light from the surface of an object: \_\_\_\_\_\_\_\_\_\_\_\_\_.

**Q3. Give the difference between the following:**

1. Luminous and non-luminous objects. - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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1. Closed and open circuit - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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1. Repulsion and attraction of magnets - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**Q4 Define the following;**

1. Rectilinear propagation of light - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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1. Electric current - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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1. Magnet - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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  **Q5 Answer the following questions**

1. What happens when a magnet is cut from the middle?

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1. Can a transparent object cast a shadow? Why or why not?

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1. Why are electric wires covered with plastics?

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 **Q6**  **Draw a labeled diagram of electric bulb and explain its different parts**

 **Or**

 **How will you make your own magnet? Explain it with the help of an activity.**

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