

CH-6
MAGNETISM

WORKSHEET

Answer the following questions –

1. Match the following items given in *Column A* with that in *Column B*.

Column A	Column B
a. Magnetite	i. Non- magnetic substances
b. Iron, nickel, cobalt	ii. Used to find out N- S directions.
c. Leather, plastic, wax	iii. Attract each other
d. Lodestone	iv. Natural magnet
e. Compass	v. Repel each other
f. Like poles of two magnets	vi. Discovered magnet incidentally
g. Opposite poles of two magnets	vii. Magnetic substances
h. Magnus	viii. Name of the first magnet

2. State whether the statements given below are *True* or *False*.

- Lodestone is composed of oxides of iron.
- North and south poles are found to exist separately.
- Magnetite doesn't show magnetic properties.
- If we cut a bar magnet in two halves we will have two magnets.
- Heat can destroy magnetic properties of a magnet.
- Magnets are made up of different materials and in different shapes.
- Compass needle is made up of a magnet.
- There is a maximum attraction in middle of a bar magnet.

3. Answer the following questions –

- Write two properties of a magnet.
- What is magnetite called now?

c) Name the first magnet.

d) In which direction does a freely suspended magnet rest?

e) How do the shipmen find the direction even when the north pointing pole star is not visible?

f) Can a magnet be demagnetized? How?

g) What do you mean by a magnetic field?

h) What is MRI?

