

WORKSHEET NO - 1

NAME :
CLASS : VI
CHAPTER: MAGNETISM

GRADE:
SUB: PHYSICS
DATE:

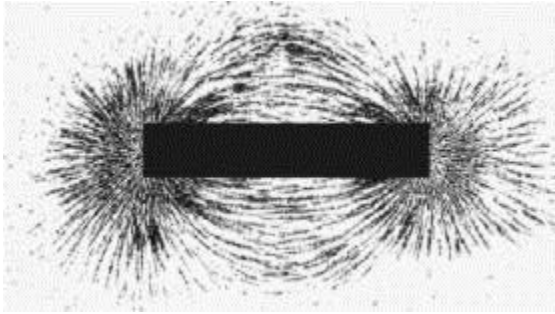
- 1) **Classify the following materials as magnetic and non-magnetic:**

plastic bottle, paper cup, glass rod, steel spoon, woolen sweater, iron lock, chalk stick, gold bangle, Key , Wood , Glass , Chalk , Pencil , Nail , Cup of tea , Book , Geometry box , Rubber , Needle , Fork

MAGNETIC

NON-MAGNETIC

- 2) Vibha spread some iron fillings and put a magnet on top of them. The iron fillings got stuck to the magnet and looked as shown below.



Why did the iron fillings get attracted to the magnet and make this pattern? Why did they not stick all over the magnet?

- 3) List 3 things by doing which, magnets may lose their property.

- 4) Why is it advisable to keep magnets away from a watch or a cassette?
- 5) When paper clips are put on a paper and a magnet below the paper, the clips are still attracted to the magnet. Does this mean that the paper is magnetic?
- 6) List 4 non-magnetic substances.
- 7) When do two magnets attract and repel each other?
- 8) Name two metals other than iron that a magnet attracts.