

# **THE ASSAM VALLEY SCHOOL**

## **WORKSHEET NO - 22**

NAME :  
CLASS : VI  
CHAPTER: MAGNETISM

GRADE:  
SUB: PHYSICS  
DATE:

### Fill in the blanks:



Two magnets when arranged as shown above, will \_\_\_\_\_ each other.

- 2) A \_\_\_\_\_ pole of a magnet will be attracted to the South pole of another magnet.
- 3) When two magnets are brought closer to each other, there might be attraction or repulsion. For each combination of poles below, fill whether there will be attraction or repulsion.

|             |       |
|-------------|-------|
| North-North | _____ |
| North-South | _____ |
| South-North | _____ |
| South-South | _____ |

- 4) Two magnets, close to each other, with their south poles facing each other will \_\_\_\_\_ each other.
- 5) Materials which get attracted towards magnet are known as \_\_\_\_\_ materials.
- 6) Maximum iron fillings get stuck to the \_\_\_\_\_ of the bar magnet. (centre/poles)

### Answer in one word:

- 1) How many poles does a bar magnet have?
- 2) Name a non-magnetic metal.
- 3) Direction in which a suspended bar magnet points when at rest.