

Class: VI

**FUN WITH MAGNETS WORKSHEET**

**I) Name the following:**

1. A natural magnet
2. 'U' shaped magnet
3. Device used to find the geographic directions
4. Pieces of iron used to store magnets
5. Ends of a magnet where the magnetic strength is maximum
6. The property of a magnet by which it attracts small pieces of iron
7. Two poles of magnet
8. 3 Magnetic substances
9. 3 Nonmagnetic substances
10. Name two properties of a magnet

**II) Define the following:**

- 1) Natural magnet
- 2) Artificial magnet
- 3) North pole
- 4) South pole
- 5) Magnetic substances
- 6) Non magnetic substances
- 7) Compass
- 8) Magnetic poles

**III) Correct the following statements:**

- 1) Magnetic strength is maximum in the middle of a bar magnet
- 2) Unlike poles of a magnet repel each other
- 3) A pair of magnets are stored in such a way that their similar poles face each other
- 4) Magnetite is a powerful artificial magnet

**IV) Distinguish between:**

- 1) Natural and artificial magnets
- 2) Magnetic and non magnetic materials
- 3) North pole and south pole

**V) What happens:**

- 1) When S pole of a magnet is brought near the South Pole of a freely suspended magnetic needle
- 2) When S pole of a magnet is brought near the North Pole of a freely suspended magnetic needle

VI) Fill in the Blanks:

- omit ←
- 1) Bar magnet is an example for \_\_\_\_\_ magnet.
  - 2) \_\_\_\_\_ is the world's 1<sup>st</sup> magnet
  - 3) \_\_\_\_\_ property of magnet was useful for sailors.
  - ~~4) \_\_\_\_\_ is the simplest method of making a magnet.~~
  - 5) Similar poles of a magnet \_\_\_\_\_ while opposite poles of a magnet \_\_\_\_\_
  - 6) A freely suspended bar magnet always points in \_\_\_\_\_ direction

THE END