

Board – CBSE

Class – 6<sup>th</sup>

Topic – Fun with Magnet

1. What are Magnets?
2. \_\_\_\_\_ is a natural magnet.
3. Explain Magnetic and Non-Magnetic Materials.
4. Write any two properties of a magnet.
5. Where are poles of a bar magnet located?
6. A bar magnet has no markings to indicate its poles. So, how would you find out near which end is its north pole located?
7. Write two methods by which a magnet can lose its property.
8. State whether the following statements are true or false:
  - I. A cylindrical magnet has only one pole.
  - II. Natural magnets were discovered in Greece.
  - III. Similar poles of a magnet repel each other.
  - IV. Maximum iron filings stick in the middle of a bar magnet when it is brought near them.
  - V. Bar magnets always point towards the North-South direction when suspended freely in the air.
  - VI. A compass can be used to find East-West direction at any place.
  - VII. Rubber is a magnetic material.
9. How can you separate a magnetic substance from a mixture?
10. At which place on a magnet, its magnetic force is maximum?
11. In which direction does a suspended magnet come to rest?
12. What happens when the N-pole of a magnet is brought near the N-pole of a suspended magnet?
13. Draw the diagram of (a) Bar magnet (b) Horse-shoe magnet.
14. How is a compass used to find directions?