



## 6th Std - Science - Term - 3

### Unit - 1 - Magnetism



TextBook Back Exercise - Choose the correct answer and Fill in the blank.  
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#### 1. Choose the appropriate answer

##### 1. An object that is attracted by magnet.

- A) Eraser
- ☒ B) Plain pins
- C) Wooden piece
- D) A piece of paper

**Explanation:** The materials that are attracted towards a magnet are called magnetic materials. Iron, nickel and cobalt are magnetic materials. Magnetite or Lodestone is the first known natural magnet that contains iron. Plain pins are an example of magnetic materials.

The materials that are not attracted towards a magnet are called non-magnetic materials. Wooden piece, eraser and a piece of paper are non-magnetic materials. Even metals like gold and silver are non-magnetic in nature.

##### 2. People who made mariner's compass for the first time.

- A) Indians
- B) Europeans
- ☒ C) Chinese
- D) Egyptians

**Explanation:** The Chinese discovered that a natural magnetic stone, i.e., lodestone, when suspended, aligns in the north-south direction at rest. Chinese travellers used these lodestones for navigation in the ocean. They suspended a piece of lodestone in their ships or boats to locate directions during a storm.

##### 3. A freely suspended magnet always comes to rest in the \_\_\_\_ direction.

- A) South - west
- B) East - west
- ☒ C) North - south
- D) North - east

**Explanation:** According to the directive property, the magnet rests in the same direction again and again, which is the north-south direction. A magnet, when suspended freely in the air, will always come to rest in the north-south direction.

4. Magnets lose their properties when they are \_\_\_\_ .

- A) stored
- B) cleaned
- C) hit with a hammer
- D) used

**Explanation:** The magnetic property of a material will be lost when

- heated,
- hammered, or
- dropped from a certain height

Placing the magnets near an electronic device and improper storage will also affect the magnetic field of a magnet.

5. Mariner's compass is used to find the \_\_\_\_ .

- A) direction
- B) speed
- C) motion
- D) displacement

**Explanation:** A compass is a device that is used to find the direction. Mariner's compass is used to find the direction.

The compass is mainly used in ships and aeroplanes for navigation. Mountaineers carry a compass to the unknown places to find their way out.

## 2. Fill in the blanks

1. Artificial magnets are made in different shapes such as Bar-magnet, horseshoe magnet and ring magnet .
2. The materials which are attracted towards the magnet are called Magnetic materials .
3. Paper is not a Magnetic material.
4. In olden days, sailors used to find direction by suspending a piece of Lodestones .
5. A magnet always has Two poles.