6th Std - Science - Term - 3
Unit - 1 - Magnetism

Complete Guide For Textbook Back Exercise Questions

Click / Scan QR Code to Attempt Textbook Back Questions as Practice Test Online and View the Answer with Solution Steps.

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

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

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

3. A freely suspended magnet always comes to rest in the ____ direction.

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

4. Magnets lose their properties when they are ____ .

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

5. Mariner's compass is used to find the ____ .

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

2. Fill in the blanks

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

3. True or False. If False, give the correct statement

1. A cylindrical magnet has only one pole.

A) False
B) True

2. Similar poles of a magnet repel each other.

A) True
B) False

3. Maximum iron filings stick in the middle of a bar magnet when it is brought near them.

A) True
B) False

4. A compass can be used to find east west direction at any place.

A) True
B) False

5. Rubber is a magnetic material.

A) False
B) True

4. Match the following

1. Compass	-	Like poles
2. Attraction	-	Maximum magnetic strength
3. Repulsion	-	Magnetic needle
4. Magnetic poles	-	Opposite poles

5. Circle the odd ones and give reasons

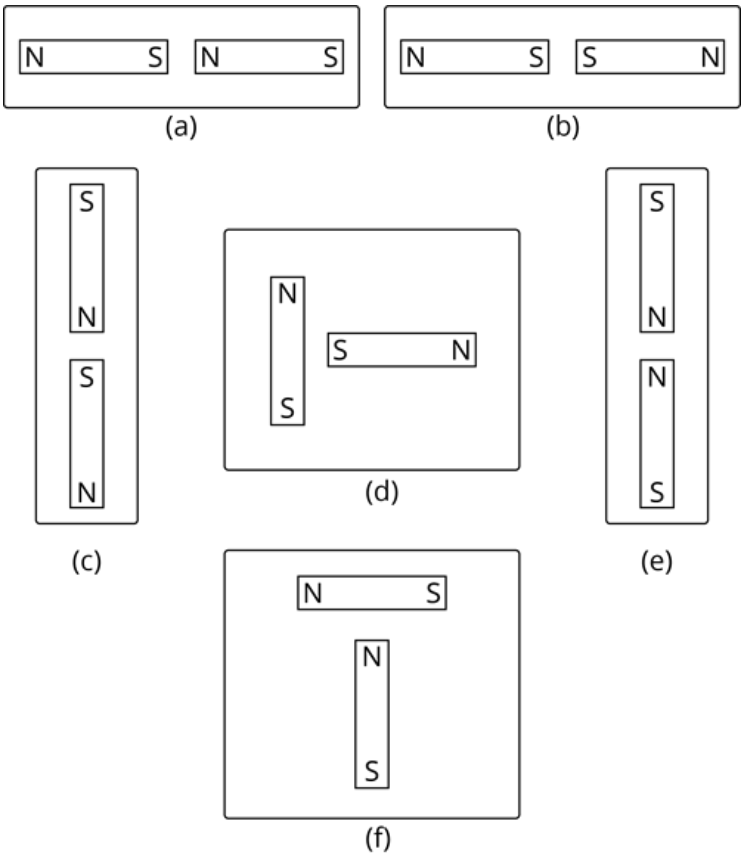
1. Iron nail, pins, rubber tube , needle.

2. Lift, escalator, electromagnetic train, electric bulb.

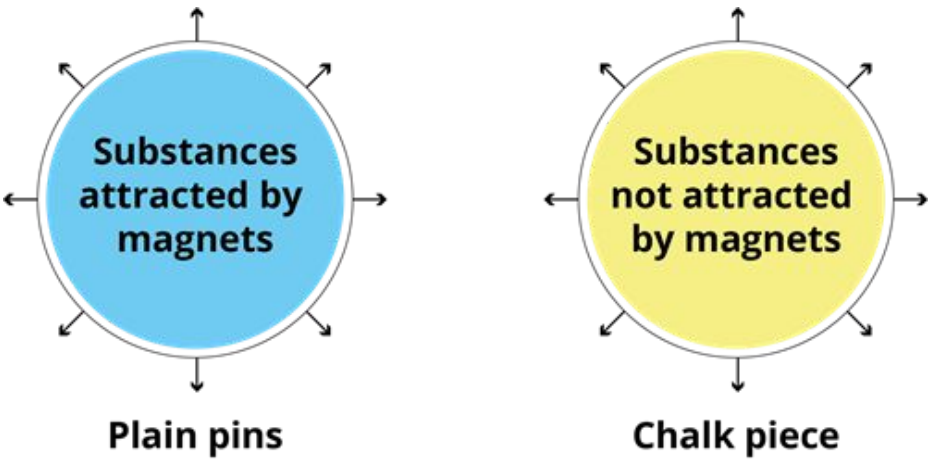
3. Attraction, repulsion, pointing direction, illumination.

6. Diagram based questions

The following diagrams show two magnets near one another. Use the words, 'Attract, Repel, Turn around' to describe what happens in each case.



7. Write down the names of substances



8. Give short answer

1. Explain the attraction and repulsion between magnetic poles.
2. A student who checked some magnets in the school laboratory found out that their magnetic force is worn out. Give three reasons for that?

9. Answer in detail

1. You are provided with an iron needle. How will you magnetize it?
2. How does the electromagnetic train work?

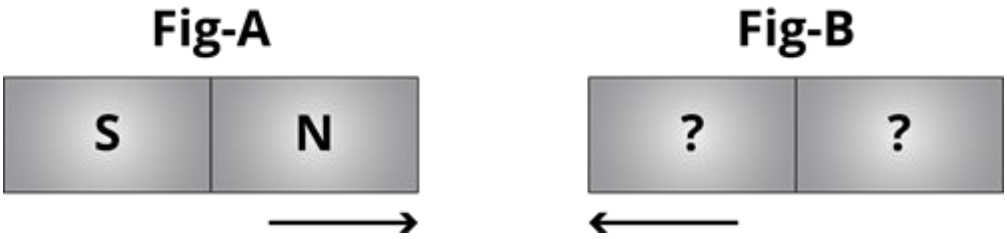
10. Questions based on Higher Order Thinking Skills

1. You are provided with iron filings and a bar magnet without labelling the poles of the magnet. Using this…

a. How will you identify the poles of the magnet?

b. Which part of the bar magnet attracts more iron filings? Why?

2. Two bar magnets are given in the figure A and B. By the property of attraction, identify the North pole and the South pole in the bar magnet (B).



3. Take a glass of water with a few pins inside. How will you take out the pins without dipping your hands into water?