

Std. 8. General Science

Marks : 20

Ch.4 Magnetism

Duration : ½ hr.

Q1 Fill in the blanks [3 M]

1. There is magnetic -----between like poles .
a) repulsion b) attraction c) force
2. ----- is a magnetic material .
a) Rubber b) Copper c) Nickel
3. A----- is used in a mariner's compass .
a) Magnetic needle b) bar magnet c) horseshoe magnet

Q2 State whether True or False [2 M]

1. Cobalt is a nonmagnetic material .
2. Magnetism is maximum at the poles of a magnet.
3. Like magnetic poles attract each other.
4. Repulsion is the real test to identify a magnet .

Q3 Answer in one sentence [3 M]

1. Why is the magnetic needle of a compass pointed at its ends?
2. What is a magnetic material? Give two examples.
3. Which are the various shapes of the magnet?

Q4 Match the following [2M]

A	B
1. Compass	a. Maximum magnetic strength
2. Cupboard	b. Like poles
3. Repulsion	c. Bar magnet
4. Magnetic poles	d. Magnetic needle

Q 5 Describe any ONE experiment from the following [2M]

1. How will you find out by an experiment which of the two poles of a magnet is the north pole?

2. Describe an experiment to demonstrate properties of magnets regarding attraction and repulsion.

Q 6 Give scientific reasons . [4 M]

1. A magnetic needle of a compass is pointed at its ends.
2. If a bar magnet is suspended vertically , it does not hang in the north-south direction.

Q7 Answer any TWO of the following. [4 M]

1. State four uses of a magnet.
2. What are the poles of a magnet?
3. State the characteristic of a magnet.
