

Magnetism

A. Multiple choice question.

1. A freely suspended magnet lies always in
 - a. North - south direction
 - b. North - east direction
 - c. South - east direction
 - d. East-west direction
2. Like poles of two magnets.
 - a. Attract each other
 - b. Repel each other
 - c. No effect on each other
 - d. None of these
3. Which among these is a magnetic substance.
 - a. plastic
 - b. silver
 - c. Iron
 - d. Wood

B. Write true or false for each statement.

1. Artificial magnets are weaker than the natural magnets.
Answer.
2. Poles of a magnet cannot be separated.
Answer.
3. A magnet can attract only a magnetic substance.
Answer.
4. A magnet has no effect when it is heated to a high temperature.
Answer.
5. Permanent magnets get easily demagnetised.
Answer.
6. Magnetic poles occur in pairs.
Answer.
7. Single touch method is better than the electrical method for making a magnet.
Answer.

C. Fill in the blanks.

1. Temporary magnets are usually made up of _____.(soft iron, wood)
2. Rough handling destroys the _____ properties of a magnet.(poles.magnetic)
3. Like poles _____ each other.(repel,dislike)
4. A freely suspended magnet points in the _____direction.(north - south, east-west)
5. A magnet has _____ poles.(four, two)

D. Match the following

A	B
Steel	To store magnets
Soft iron	Temporary magnets
Used in electric bell	Permanent Magnets
Magnetic keepers	Electromagnet