

13 Fun with Magnets

Question 1.

The pole of the magnet that points towards the South is called pole.

- (a) North
- (b) South
- (c) East
- (d) West

▼ [Answer](#)

(b) South

The pole of magnet that points towards the South is called South pole.

Question 2.

Where was natural magnet discovered ?

- (a) In Japan
- (b) In Greece
- (c) In India
- (d) In China

▼ [Answer](#)

(b) In Greece

In Greece, the natural magnet was discovered.

Question 3.

Who discovered the natural magnet ?

- (a) A shepherd named Magnets
- (b) A shepherd named Greek
- (c) A shepherd named Max Well
- (d) Vasco-Di-Gama

▼ [Answer](#)

(d) Vasco-Di-Gama

A shepherd named Magnets discovered the magnet.

Question 4.

What does Magnetite contains ?

- (a) Wood
- (b) Glass
- (c) Iron
- (d) Stone

▼ Answer

(c) Iron
Magnetite contains iron.

Question 5.
Name few things using magnets.

- (a) Toys
- (b) Refrigerator's door
- (c) Pencil boxes
- (d) All of these

▼ Answer

(d) All of these
Magnets are used in toys, pencil boxes, and refrigerator's door.

Question 6.
Magnetic effect pass through screen of substance like:

- (a) Cloth
- (b) Paper
- (c) Plastic
- (d) All of these

▼ Answer

(d) All of these
Magnetic effect pass through screen of substances like cloth, paper plastic.

Question 7.
Write the cautions which are taken to keep the magnetic properties of magnets.

- (a) Don't hammer it
- (b) Don't drop it
- (c) Don't heat it
- (d) All of these

▼ Answer

(d) All of these
Don't hammer, drop and heat the magnets.

Question 8.
can be used to find the directions while travelling on the sea or in air.

- (a) Magnet
- (b) Light
- (c) Compass
- (d) Poles

▼ [Answer](#)

(a) Magnet

Magnet can be used to find the directions.

Question 9.

Magnet always comes to rest in direction.

(a) One

(b) Two

(c) Three

(d) Four

▼ [Answer](#)

(b) Two

Magnet always comes to rest in two direction.

Question 10.

More iron fillings cling near the ends of:

(a) Compass

(b) Poles

(c) Non-magnet

(d) Magnet

▼ [Answer](#)

(d) Magnet

More iron filing cling near the end of magnet.

Question 11.

Substances that stick to magnets are called:

(a) Magnetic substances

(b) Non-magnetic substances

(c) Compass

(d) None of these

▼ [Answer](#)

(a) Magnetic substances

Substances that stick to magnets are called magnetic substances.

Question 12.

Substances that do not stick to magnets are called:

(a) Magnetic substances

(b) Non-magnetic substances

(c) Compass

(d) None of these

▼ [Answer](#)

(b) Non-magnetic substances

Substances that do not stick to magnets are called non-magnetic substances.

Question 13.

The parts of a magnet where most of the iron filling stick are known as the:

- (a) North pole
- (b) South pole
- (c) Poles of magnet
- (d) None of these

▼ [Answer](#)

(c) Poles of magnet

The parts of a magnet where most of iron filing stick are known as the poles of the magnet.

Question 14.

Name the poles of the magnet.

- (a) South pole
- (b) North pole
- (c) Both (a) and (b)
- (d) None of these

▼ [Answer](#)

(c) Both (a) and (b)

Magnet has two poles, North pole and South pole.

Question 15.

How many poles does the magnet have ?

- (a) One
- (b) Three
- (c) Four
- (d) Two

▼ [Answer](#)

(d) Two

Magnet has two poles.

Question 16.

has a needle, which is itself a magnet.

- (a) Magnet
- (b) Compass
- (c) Clock
- (d) All of these

▼ Answer

(b) Compass

Compass has a needle, which is itself a magnet.

Question 17.

The needle of the compass always points direction.

(a) North-South

(b) East-West

(c) North-West

(d) South-East

▼ Answer

(a) North-South

The needle of the compass always points North-South direction.

Question 18.

The pole of the magnet that points towards the North is called pole.

(a) North

(b) South

(c) East

(d) West

▼ Answer

(a) North

The pole of magnet that points towards the North is called North pole.

Match the Column-A with Column-B:

Question 1.

Column-A	Column-B
(a) N-N	(i) Attraction
(b) N-S	(ii) Repulsion
(c) S-N	(iii) Repulsion
(d) S-S	(iv) Attraction

▼ Answer

Column-A	Column-B
(a) N-N	(ii) Repulsion
(b) N-S	(i) Attraction
(c) S-N	(iv) Attraction
(d) S-S	(iii) Repulsion

Question 2.

Column-A	Column-B
(a) Coin	(i) Aluminium
(b) Pins	(ii) Iron, nickel
(c) Shoe	(iii) Wood
(d) Statue	(iv) Leather
(e) Table	(v) Iron

▼ Answer

Column-A	Column-B
(a) Coin	(ii) Iron, nickel
(b) Pins	(v) Iron
(c) Shoe	(iv) Leather
(d) Statue	(i) Aluminium
(e) Table	(iii) Wood

Question 3.

Column-A	Column-B
(a) Boats get attracted towards the magnet.	(i) Boat is fitted with a magnet with North pole towards its head.
(b) Boat is not affected by the magnet.	(ii) Boat is fitted with a magnet with South pole towards its head.
(c) Boat moves near the magnet if North pole of magnet is brought near its head.	(iii) Boat has a small magnet fixed along its length.
(d) Boat moves away from the magnet when North pole is brought near its head.	(iv) Boat is made up of magnetic material.
(e) Boat floats without changing its direction.	(v) Boat is made up of non-magnetic materials.

▼ Answer

Column-A	Column-B
(a) Boats get attracted towards the magnet.	(iv) Boat is made up of magnetic material.
(b) Boat is not affected by the magnet.	(v) Boat is made up of non-magnetic materials.
(c) Boat moves near the magnet if North pole of magnet is brought near its head.	(ii) Boat is fitted with a magnet with South pole towards its head.
(d) Boat moves away from the magnet when North pole is brought near its head.	(i) Boat is fitted with a magnet with North pole towards its head.
(e) Boat floats without changing its direction.	(iii) Boat has a small magnet fixed along

its length.

State whether the statements are True or False:

Question 1.

A cylindrical magnet has only one pole.

▼ [Answer](#)

False

Question 2.

Artificial magnets were discovered in Greece.

▼ [Answer](#)

False

Question 3.

Similar poles of a magnet repel each other.

▼ [Answer](#)

True

Question 4.

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

▼ [Answer](#)

False

Question 5.

Bar magnets always point towards North-South direction.

▼ [Answer](#)

True

Question 6.

A compass can be used to find East-West direction at any place.

▼ [Answer](#)

False

Question 7.

Rubber is a magnetic material.

▼ [Answer](#)

False

Fill in the blanks:

Question 1.

Artificial magnets are made in different shapes such as, and

▼ [Answer](#)

U-shaped, cylindrical and base-shaped

Question 2.

The materials which are attracted towards magnet are called

▼ [Answer](#)

magnetic

Question 3.

..... is not a material.

▼ [Answer](#)

paper

Question 4.

In olden days sailors used to find direction by a piece of magnet.

► [Answer](#)

Question 5.

A magnet always has poles.

▼ [Answer](#)

two
