

13. Fun with magnets (mcq questions)

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Q1. Which is an example of a magnetic substance?

- (a) Iron
- (b) Nickel
- (c) Cobalt
- (d) All of these

Q2. Magnets have a shape

- (a) cylindrical
- (b) ball ended
- (c) horse shoe
- (d) all of these

Q3. When a bar magnet is brought near iron dust, most of the dust sticks

- (a) near the middle
- (b) equally everywhere
- (c) near two ends
- (d) at the middle and ends

Q4. A freely suspended bar magnet rests in

- (a) north-south directions
- (b) east-west directions
- (c) upside down
- (d) any direction by chance

Q5. Attraction is seen between the poles of two bar magnets in the case of

- (a) N-pole of one magnet with N-pole of other
- (b) N-pole of one magnet with S-pole of other
- (c) S-pole of one magnet with S-pole of other
- (d) all of these cases will show attraction

Q6. Which is a natural magnet?

- (a) Magnetite
- (b) Haemetite
- (c) Bakelite
- (d) Copper

Q7. Choose the wrong statement

- (a) Heat can destroy magnetic properties of a magnet.
- (b) Magnets are made up of different materials and different shapes.
- (c) There is a maximum attraction in middle of a magnet.
- (d) Magnetite does not show magnetic properties.

Q8. The magnetic properties of a magnet cannot be destroyed by

- (a) hammering
- (b) heating
- (c) dropping on a hard surface
- (d) boiling

Q9. Which two ends of a magnet are called magnetic poles?

- (a) North pole

- (b) South pole
- (c) North and south pole
- (d) Self demagnetisation

Q10. Magnets attract

- (a) wood
- (b) plastic
- (c) paper
- (d) iron

Q11. A magnet which retains its magnetic properties for a long period is called a ____

- a. magnetic substance
- b. non-magnetic substance
- c. temporary magnet
- d. permanent magnet

Q12. The north pole of the earth's magnet is near the geographical ____.

- a. West
- b. East
- c. North
- d. South

Q13. In ancient times rocks containing magnets are called _____

- a. Magnet
- b. Magnetite
- c. Iron
- d. freeze

Q14. The substances that get attracted towards a magnet are called _____

- a. Magnetic
- b. Non magnetic
- c. Transparent
- d. luminous

Q15. Maximum iron filings stick in the _____ of a bar magnet when it is brought near them.

- a. Ends
- b. Middle
- c. Neither end nor middle
- d. All around equally

Q16. Like poles _____

- a. Repel
- b. Merge
- c. Dissolve
- d. Attract

Q17. A magnet does not lose its property if it is _____.

- a. Heated
- b. Hammered
- c. Dropped from a height
- d. Wetted with water

Ans:-1.d 2.d 3.c 4.a 5.b 6.a 7.d 8.d 9.c 10.d 11.d 12.d 13.b 14.a 15.a 16.a 17.d