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**Introduction Quiz**

**What do you know about magnetism????**

***Circle the correct option in each question below***

**1.** When two north poles of magnets are placed together, the magnets.

**a)** attract **b)** repel

**2.** When two opposite poles of magnets are brought together, the magnets**.**

**a)** attract **b)** repel

**3**. A small magnet that always points north is called a**:**

**a)** relay **b)** compass **c)** iron bar

**4.** The space around a magnet where its force acts is called the:

**a)** attraction zone **b)** repulsion zone **c)** magnetic field

**5.** The field lines around a bar magnet always point from

**a)** north to south  **b)** south to north

**6.** The only way to ***prove*** that an object is a magnet is to:

**a)** show that it is able to repel another magnet  
**b)** show that it is able to attract another magnet  
**c)** show that another magnet will stick to it

**7.** Which of these metals is magnetic?

**a)** aluminium **b)** lead **c)** iron **d)** copper

**8.** Which of these metals is magnetic?

**a)** sodium **b)** nickel **c)** tin

**9.** A magnet that can't be turned on and off is called a

**a)** eternal magnet **b)** permanent magnet **c)** fridge magnet

**10**. A magnet that uses electric current flowing through a coil of wire is called an:

**a)** electromagnet **b)** super magnet **c)** permanent magnet

**11.** Which of these devices ***doesn't*** use an electromagnet to make it work?

**a)** an electric bell **b)** a loudspeaker **c)** a television set **d)** a kettle

**12**. The main advantage of an electromagnet over a

permanent magnet is that:

**a)** an electromagnet can be turned on and off very easily  
**b)** an electromagnet is cheaper to make  
**c)** an electromagnet is easier to make

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**SCORE / 12**