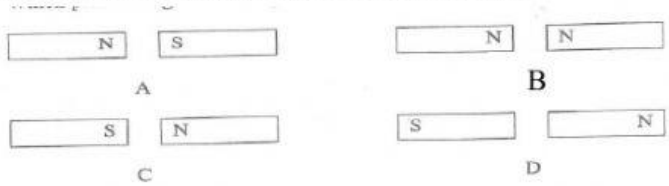
GENERAL SCIENCE GRADE

SEPARATION OF MIXTURE QUIZ

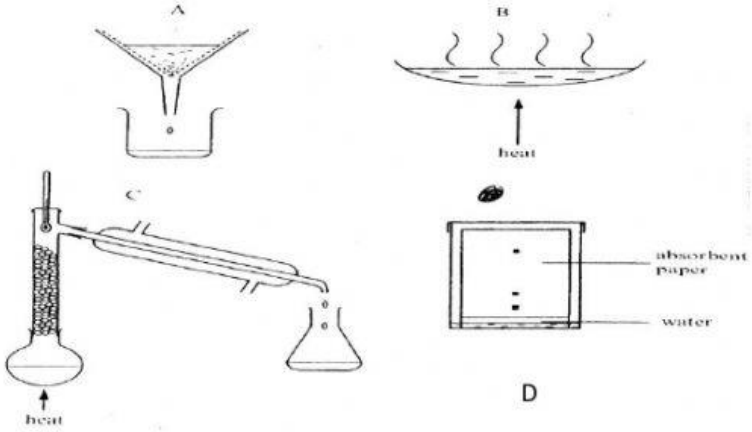
1. Which pair of magnets will repel each other?



2. The space surrounding a magnet where it produces a magnetic force is called

   a. Magnetic material
   b. Magnetic field
   c. Magnetic pole
   d. Magnetic induction

3. Which set of apparatus can be used to separate a mixture of colours?



4. How can a permanent magnet be made to keep their magnetism?

   a. By heating them
   b. By polishing them
   c. By placing them in water
   d. By storing them in their keepers

5. Which process separates a sample of green colouring into blue and yellow pigments?

   a. Chromatography
   b. Filtration
   c. evaporation
   d. magnetism

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6. What is the process called when a solid changes directly into gas?

a. Melting
b. Freezing
c. Sublimation
d. Evaporation

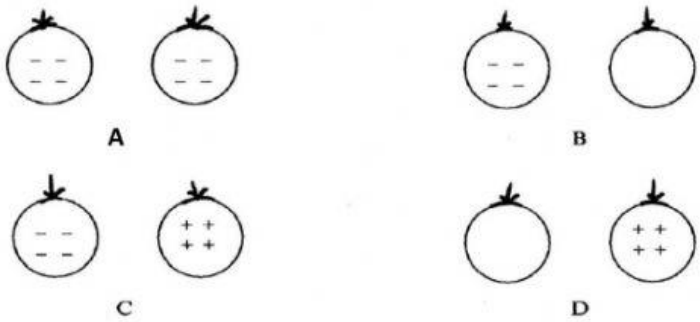
7. To separate mud from muddy water we can use filtration. The mud collected in the filter paper is known as_____?

a. Filtrate
b. Crystals
c. Residue
d. Mixture

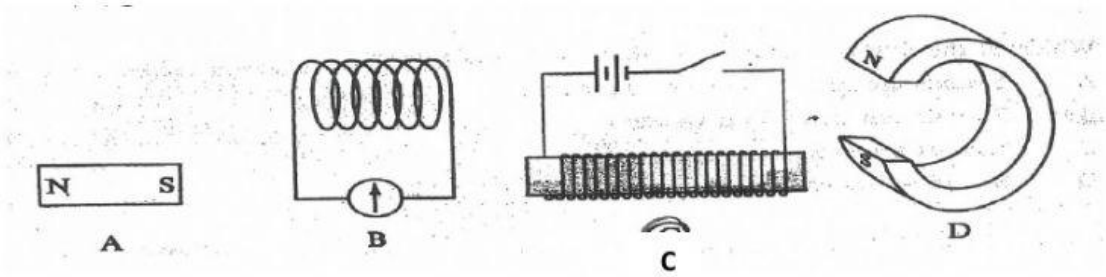
8. Chromatography can be used to _____.

a. Test the purity of a substance
b. Identify the components of a dye
c. Separate a mixture
d. Obtain pure water from sea water

9. Which pair of balloons **will repel** each other?



10. Which magnet is an electromagnet?



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