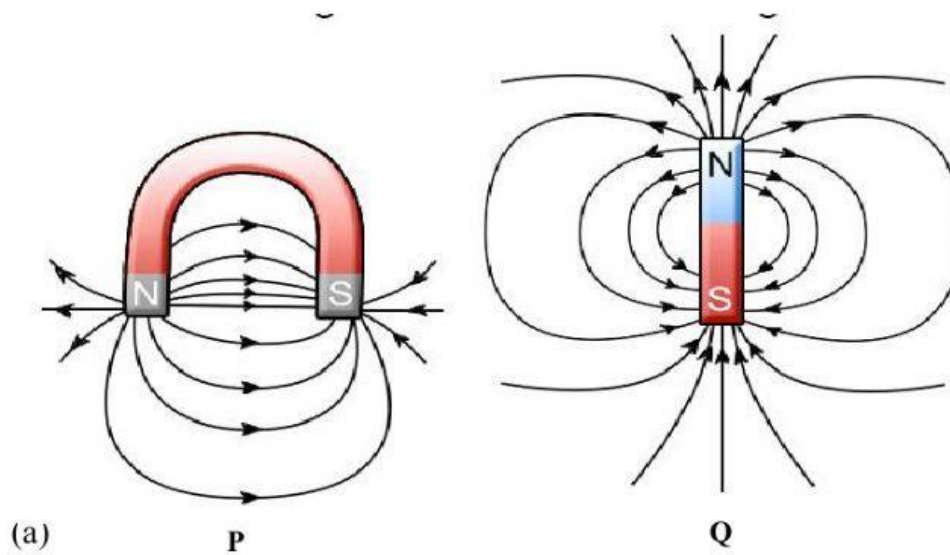


# Seperation of Mixture Quiz P2

1. The diagram shows the magnetic fields of **two** magnets P and Q.



- (a) Name the types of magnets shown.

P \_\_\_\_\_

Q \_\_\_\_\_

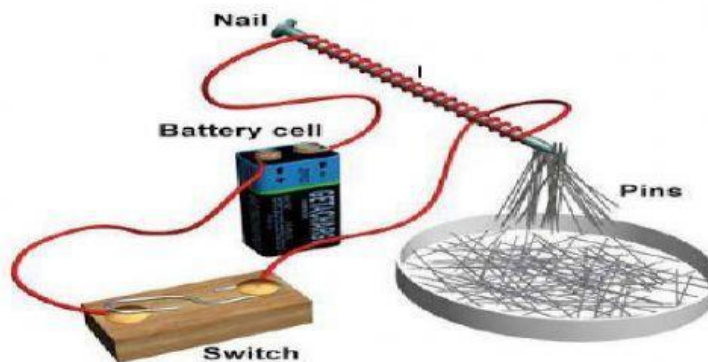
- (b) (I) Name the poles on a magnet.

\_\_\_\_\_ and \_\_\_\_\_

- (II) The direction of the magnetic field of both magnets is from

\_\_\_\_\_ to \_\_\_\_\_

- (c) The diagram shows a simple electric circuit with an iron nail wrapped in a coil of wire. When the circuit is closed a magnet is produced.



- (i) Name the magnet that is produced by the circuit.

\_\_\_\_\_

- (ii) Suggest **ONE** way to make this magnet stronger.

\_\_\_\_\_



**A**

**B**

- (d) The diagrams above represent three magnets. Study them carefully and answer the questions below.

- (i) Magnetism is a force of attraction. Name two magnetic materials.

\_\_\_\_\_ and \_\_\_\_\_

- (ii) Explain how the magnets would behave at point **A** and **B**.

A. \_\_\_\_\_

B. \_\_\_\_\_