G9

21.1 Magnet & Magnetic Field

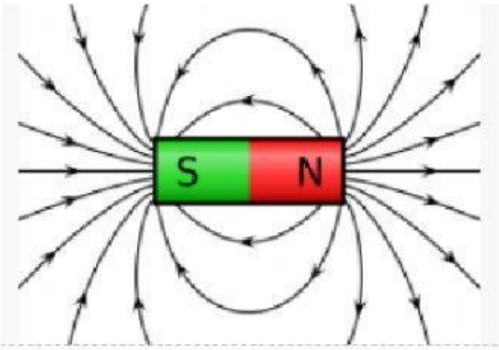
1. Put T for true & F for false statements below:

A- Magnetic force do not vary with distance.

B. Opposite magnetic poles repel one another.

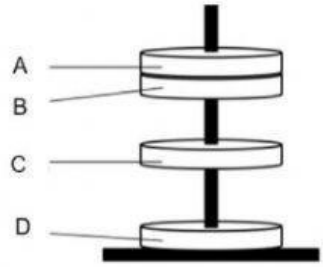
C. Magnetic force act over a distance.

2. Look at figure below: Where is the magnetic field strongest:



a) Mid line
b) All parts are equally strong
c) Poles

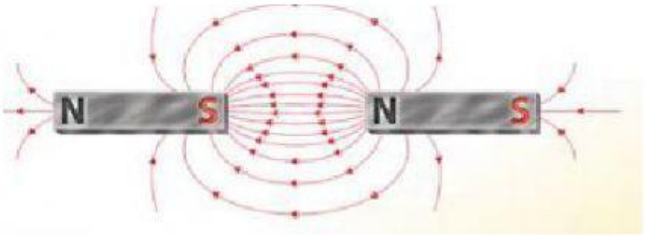
3. Jordan places four ring magnets A, B, C and D onto a wooden stand as shown.



If he wants the four ring magnets to be attracted to each other, which magnet A, B, C or D should he flip?

4. The types of metals that can be attracted by magnets are ...

5. Based on the figure below, what would you expect to happen between the two magnets?



6. Put T for true & F for false statements below:

A. A magnetic field is strongest near north & south poles of magnet.

B. Magnetic field surround magnet & show region of its magnetic force.

C. Field line begin near South Pole and extend towards North Pole.

7. Chose the write term for each statement of the following:

…….. A. Can be magnetized due to its domains.

…….. B. Domains are randomly oriented.

…….. C. Regions that has many atoms with aligned magnetic field.

LIVEWORKSHEETS