

Magnetic effect due to electric current

Practice test

- 1) Which of the following property of a proton can change while it move freely in a magnetic field?
 - a. Velocity
 - b. Mass
 - c. Speed
 - d. Momentum
- 2) If an alpha-charged particle moves from left to right and the direction of the magnetic field is from bottom to top in which direction does the charge particle experience the force?
- 3) Why do we use alloy as a fuse wire?
- 4) What is the function of an earth wire? Why is it necessary to earth metallic appliances?
- 5) Draw the magnetic field of the line around a long infinite wire.
- 6) Define the right-hand thumb rule.
- 7) What happens when two magnetic fields of line intersect each other?
- 8) Colour of a live wire.