

Electromagnets

2. Current

CONCEPT 3

TEST YOURSELF

STATIC ELECTRICITY

KNOW

- Q1 Which of the following materials are electrical insulators? Which are electrical conductors?
- (a) Aluminium
 - (b) Polythene
 - (c) Nylon
 - (d) Copper
 - (e) Zinc
 - (f) Lithium
 - (g) Polystyrene
 - (h) Carbon
- Q2 Static charge is caused by:
- A Negative particles moving in a conductor
 - B Positive particles building up in a conductor
 - C Negative particles building up on an insulator
 - D Negative or positive particles building up on an insulator

APPLY

- Q3 Describe how an insulating material can become charged.

EXTEND

- Q4 Why small pieces of paper can be picked up by a polythene rod that has been rubbed by a duster.