



1- (A) : Choose :

1- The generator consists of and

a) large magnets – plastic tube

b) copper coil – wind turbine

c) large magnets – coiled wires

d) small magnets – battery

2- The area around the conducting wire that forms a magnetic effect is called

a) the electric circuit

b) the magnetic field

c) the electric current

d) the gravity force

3- Electricity can be generated from

a) wind and sand

b) water and glass

c) wind and water

d) copper and plastic

(B) : What is the importance of ?

1- The electric switch Turn electric circuit on and off

2- The battery Source of electricity

2- (A) : Correct the underlined words :

1- Electricity is the force by which Earth attracts all objects to its surface. (..Gravitational..)

2- Plastic and iron are electric insulators. (Rubber)

3- Sound energy is changed into electrical energy in the generator. (..Mechanical...)
(Kinetic) Energy

(B) : Give a reason for the following :

1- Copper is not considered as a magnetic material.

Because it's not attracted to the magnet

2- The battery is very important in electric circuit.

.....Because its Source of electricity.....

3- (A) : Put (✓) or (x) :

1- Iron and plastic are used in making magnets.

(X)

2- Electric current can be converted into sound energy by generators.

(X)

3- Cobalt, steel and nickel are magnetic materials.

(✓)

(B) : Write the scientific term of each of the following :

1- The movement of electrons in an electric wire.

(Electric Current)

2- The materials which are used in making the electric wires.

(Electric Conductors)

3- The materials that are used to cover the electric wires.

(Electric Insulator)