

Assignment for Electricity

Question 1

State True or False

- (a) Conductor allows the current to pass through it
- (b) Insulator does not allow the current to pass through it
- (c) electric cell metal cap is a positive terminal
- (d) Electric cell metal disc is a negative terminal

- (e) A electric bulb with broken filament is called a fused bulb
- (f) An electric cell has four terminals
- (g) If the filament of the bulb is broken, the bulb will not glow
- (h) Air is good conductor of electricity
- (i) Thermocol is an insulator
- (j) When the positive of bulb is connected with positive of the cell and negative of bulb is connected with negative of cell, the bulb glows
- (k) When the positive of bulb is connected with negative cell and negative of bulb is connected with positive of cell, the bulb does not glow

Question 2:

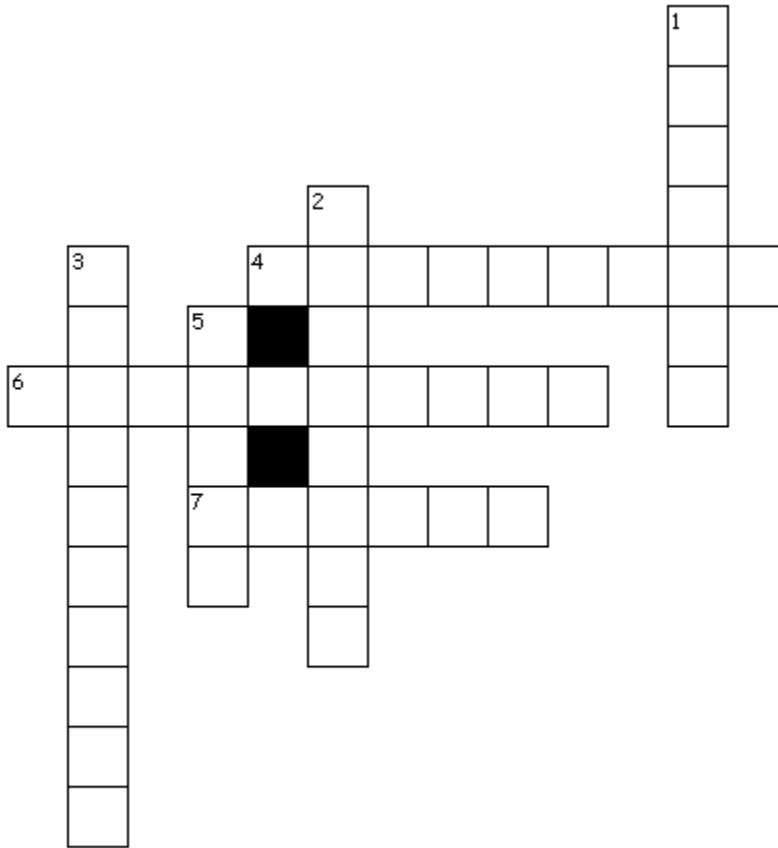
Match the column

Column A	Column B
Covering of switches, appliances, plugs socket is made of insulator	It is a simple device that either breaks the circuit or completes it.
When the terminals of the bulb are connected with that of the electric cell by wires	because it doesn't allow current to pass through them so we don't get shock if we touch them
electric switch	The current passes through the

	filament of the bulb. This makes the bulb glow.
an electrician use rubber gloves while repairing an electric switch at your home	is a device which converts chemical energy into electric energy.
electric cell	Because it is an insulator and it prevent electric shock

Crossword

Solve the below crossword



Across

- 4. water a conductor of electricity
- 6. Materials that do not allow electricity to pass through them
- 7. into electric energy

Down

- 1. device which converts chemical
- 2. The tiny coiled metal wire present inside the bulb
- 3. materials which allow electric current to pass through them
- 5. the filament of a bulb breaks then it is called

Answer 1

- a) True
- b) True
- c) True
- d) True

- e) True
- f) False
- g) True
- h) False
- i) True
- j) True
- k) False

Answer 2

Column A	Column B
Covering of switches, appliances, plugs socket is made of insulator	because it doesn't allow current to pass through them so we don't get shock if we touch them
When the terminals of the bulb are connected with that of the electric cell by wires	The current passes through the filament of the bulb. This makes the bulb glow
electric switch	It is a simple device that either breaks the circuit or completes it
an electrician use rubber gloves while repairing an electric switch at your home	Because it is an insulator and it prevent electric shock
electric cell	is a device which converts chemical energy into electric energy.