

Assignment for Electricity



Question 1

State True or False

- (a) Conductor allows the current to pass through it
- (b) Insulator does not allows 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) Themocol 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 glowsk) When the positive of bulb is connected with negative cell and negative of bulb is connected with positive of cell, the bulb does not glows

Question 2:

Match the column

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

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	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

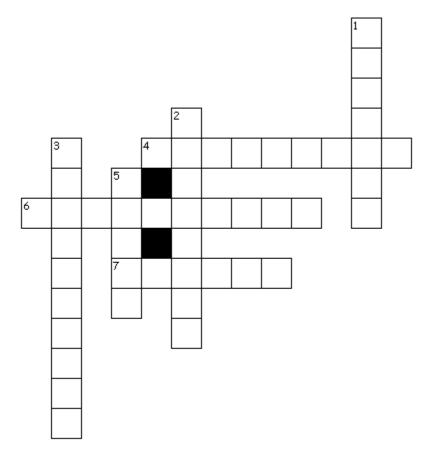


Crossword

Solve the below crossword

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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

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

Answer 2

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