

Assignment for Electricity

Question 1

What will happen if you join the two terminals of a cell without connecting them through a switch or a bulb?

- (a) There will be no impact to cell
- (b) The chemicals in the electric cell get used up slowly and cell will produce electricity longer
- (c) The chemicals in the electric cell get used up very fast and the cell will no longer produce electric current. It will stop working.
- d) None of these

Question 2

Which is of these are insulators?

- (a) Seawater
- (b) Distilled water
- (c) Tap water
- (d) None of these

Question 3

A simple device that is used to either break or complete the electric circuit?

- (a) Switch
- (b) Terminal
- (c) Current
- (d) Conductor

Question 4

What is false of electric cell?

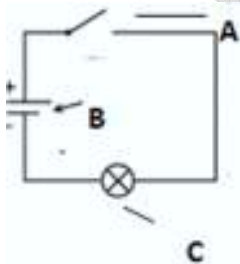
- (a) Chemical energy is converted into electrical energy
- (b) It has a neutral terminal
- (c) It has a Positive Terminal
- (d) It has a Negative Terminal

Question 5

Which one of the following statement is false?

- (a) Eraser is a bad conductor of electricity.
- (b) Metals are good conductor of electricity.
- (c) Our body is a good conductor of electricity.
- (d) Plastic is a good conductor of electricity

Question 6



(p)A	(u) Electric cell
(q)B	(v)bulb

(r)C	(w)Switch
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- (a) P \rightarrow W, Q \rightarrow U, R \rightarrow V
- (b) P \rightarrow U, Q \rightarrow V, R \rightarrow W
- (c) P \rightarrow W, Q \rightarrow V, R \rightarrow U
- (d) None of these

Question 7

What is the direction of current flow?

- a) + terminal of cell \rightarrow Switch \rightarrow Bulb \rightarrow - terminal of cell
- b) - terminal of cell \rightarrow Switch \rightarrow Bulb \rightarrow +terminal of cell**
- c) + terminal of cell \rightarrow - terminal of cell \rightarrow bulb \rightarrow switch
- d) None of these

Question 8

Materials which allow current to pass through them easily are called?

- (a) Insulators
- (b) Conductors
- (c) Switch
- (d) Battery

Question 9

Materials that do not allow electric current to pass through them ?

- (a) Insulators
- (b) Conductors
- (c) Switch
- (d) Battery

Question 9

Which one of the following will allow electric current to pass through?

- (a) Eraser
- (b) Matchstick
- (c) Plastic comb
- (d) Iron Nail

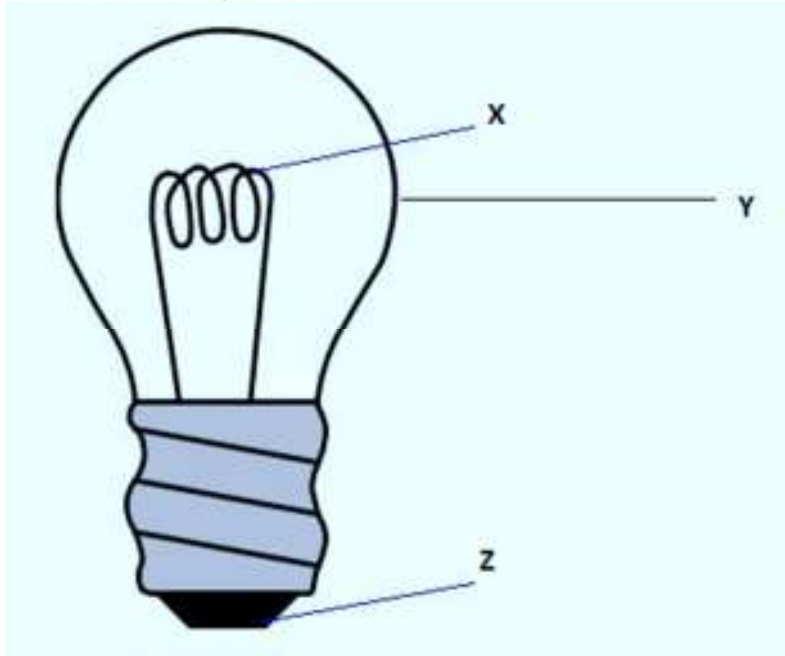
Question 10

In an electric bulb, light is produced due to

- (a) The glass case of the bulb
- (b) The gas inside the bulb
- (c) the thick wires supporting the filament
- (d) the thin filament

Question 11:

Match the column

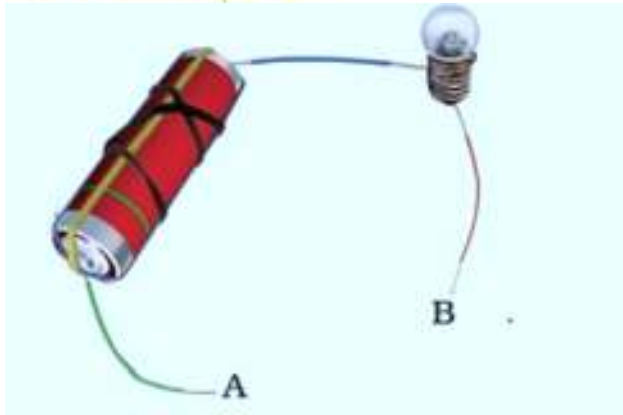


(p)X	(a)Terminals
(q)Y	(b)Filaments
(r)Z	(c)Electric bulb

- (a) P -> A, Q ->B, R-> C
- (b) P -> B, Q ->C, R-> A
- (c) P -> C, Q ->B, R->A
- (d) None of these

Question 12

In the below arrangement, the bulb will not glow, if it is connected to



- a) copper wire
- b) metal clip
- c) steel spoon
- d) Plastic

Question 13:

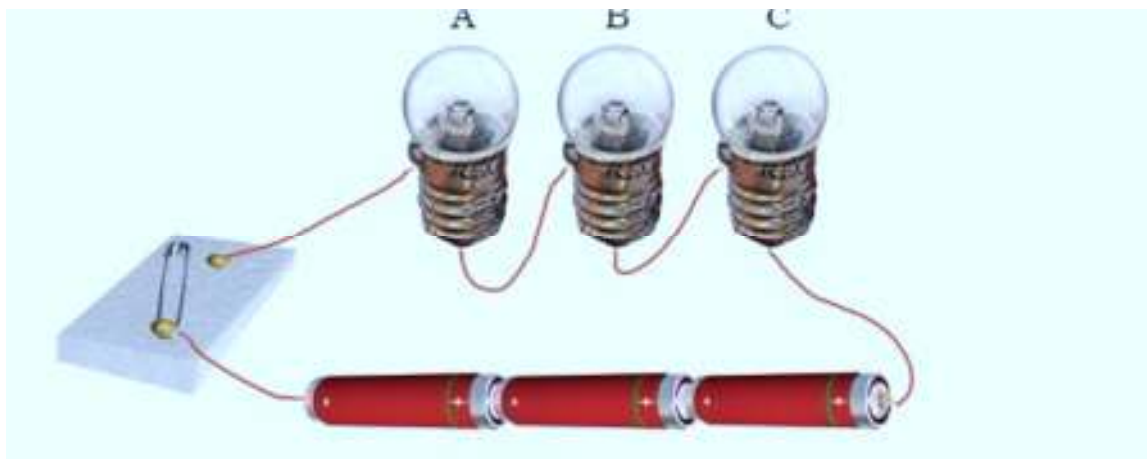


Which is of these is true

- a) If the first bulb filament is broken, the second bulb will still glow
- b) If the second bulb filament is broken, the first bulb will still glow
- c) Both the bulb will glow even if one of the bulb filament is broken

d) Neither of the bulb will glow

Question 14



In the above diagram, the switch is moved to On position

- a) Bulb A will glow first
- b) Bulb B will glow first
- c) Bulb C will be glow first
- d) All the bulb will glow together

Answer:

- 1: (c)
- 2: (b)
- 3: (a)
- 4: (b)
- 5: (d)
- 6: (a)

7: (a)

8: (b)

9: (a)

10: (d)

11: (b)

12: (d)

13: (d) As the complete electric circuit is not created

14: (d)

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