Name: _____ Date: _____

School: _____

Electricity



A) Choose the correct answer.

1. We can get electricity from _____

A) batteries B) bulbs C) wires D) glass globes

2. A switch is used to _____

A) change electricity to light energy.
B) do work.
C) turn on electric current on or off.
D) change electricity into sound energy.

3. A torchlight changes _____

A) light energy to heat energy.
B) light energy into electricity.
C) electricity into light energy.
D) electricity into sound energy.

4. Which of the following is **NOT** true?

A) An open circuit does not allow electricity to pass through.
B) Electricity can do work.
C) Glass and wood are conductors of electricity.
D) Electricity can pass through water.

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5. Dry cells arranged in series give _____

A) a weaker current and so the bulb becomes brighter.

B) a stronger current and so the bulb becomes brighter.

C) a weaker current and so the bulb becomes less bright.

D) a stronger current and so the bulb becomes less bright.

6. The battery is a _____ of electricity.

A) voltage B) source C) current D) creator

7. Without electricity, your _____ will still work in the house.

A) computer B) doorbell C) television D) gas cooker

8. The casing of an electric plug is usually made of _____

A) metal B) plastic C) rubber D) plasticine

9. Electricity cannot flow through _____

A) water B) silver C) wood D) aluminium

10. In an electric circuit, which parts are conductors?

1. filament 2. wires 3. glass bulb 4. metal tip

A) 1 and 2 B) 1, 2 and 3 C) 1, 2 and 4 D) All of the above

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B) Choose the correct answer.

11. The [open, closed] circuit allows electricity to pass through it.

12. [Metal, Glass, Rubber] is a conductor of electricity.

13. Electricity comes to our home from [batteries, generators, lamp] in power stations.

14. We must not touch the switch with [dry, wet, warm] hands because water is a good conductor of electricity.

15. A [bulb, switch, wire] is used to cut off an electric current in a circuit.

C) Choose <u>True or False</u>.

16. Batteries cannot store electricity.	True	False
17. Electricity is a form of energy.	True	False
18. The brightness of the bulb depends on its voltage.	True	False
19. When a bulb fuses, it can be reused again after sometimes.	True	False
20. Electrical energy can be converted into heat energy.	True	False

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