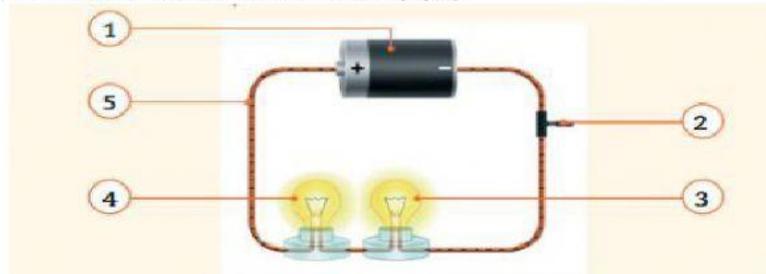


SCIENCE EXERCISE

NAME: _____ LEVEL: _____ DATE: _____
 Date: Today is Thursday, August 19th, 2021. Total points: 20 points

I. DRAG AND DROP THE COMPONENTS OF THE CIRCUIT (5 pts)



Receptor Switch Generator electric cable Receptor

II. MATCH DEFINITIONS TO THE CORRESPONDING WORDS (8 points)

- | | |
|--|---------------------|
| 1. Electric charges travel in the same direction | Series circuit |
| 2. Electric charges continually changes direction | Parallel circuit |
| 3. Electric current passes through each part of the circuit
In the same direction. | Alternating current |
| 4. Electric current passes through electric cables that split
And go in different directions. | Direct current |
| 5. Cords with small wires. | switch |
| 6. Open and close the circuit. | Electric cables |
| 7. Materials that allow electric charges to move freely | Insulators |
| 8. Materials that resist the electric charges that
move through them | Conductors |

III. SYMBOLOGY AND COMPONENTS OF THE CIRCUIT (4 points)

ELECTRIC CIRCUIT

Classify the components of a circuit.

Name of the component	Switch	Generator	Electric cord	Receptor
Symbol				
Definition				

	It changes the electric energy into other form of energy.		Source that produces an electric current.
It opens and closes the circuit.		Cables with wires inside that conduct electricity.	

IV IDENTIFY THE CONDUCTORS WITH A C AND THE INSULATORS WITH AN I (3 PTS)

