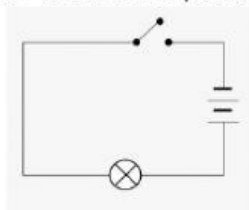


SECTION A

Multiple-choice Questions (5 Marks)

1. Look at the picture below.



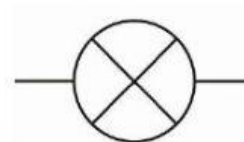
The circuit doesn't work because ...

- It only has one bulb
- the switch is opened
- It doesn't have enough battery
- it has too long wire

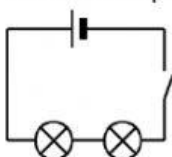
2. Picture is the symbol of ..

- Battery
- Light bulb

- wire
- switch



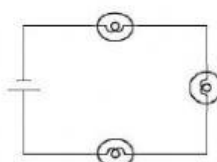
3. Look at this picture.



Explain this picture..

- Series circuit - Bulbs are lit
- Parallel circuit - Bulbs are lit off
- Series circuit - Bulbs are off
- Parallel circuit - Bulbs are off

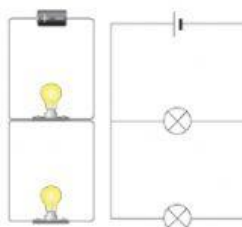
4. Look at the picture.



The picture shows an electrical circuit. This circuit is a series circuit because:

- It has 3 light bulbs.
- It uses a single battery.
- The same current flows through all three light bulbs.
- The electrical current is divided between the three light bulbs.

5. Look at the picture below.



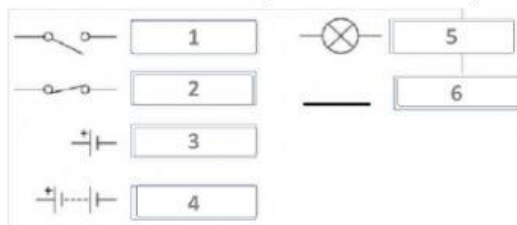
What kind of circuit is this?

- Series
- Open
- Parallel
- Close

SECTION B

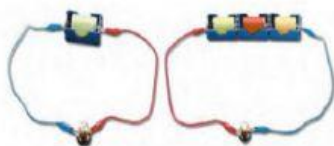
Critical thinking Questions (___ MARKS)

1. Please write the component for each symbol



2. Write the differences between series and parallel circuit.

3. Look at the picture



- a. Which picture that the light bulb will light brighter?

- b. Explain why.

4. How many components in each circuit?

