

**MID-SEMESTER EXAMINATION PAPER**  
**ACADEMIC YEAR 2020/2021**

Subject : Science

Name :

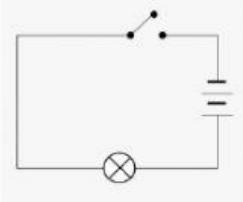
Primary : 5

Day/ Date :

**SECTION A**

**Multiple-choice Questions (5 Marks)**

1. Look at the picture below.



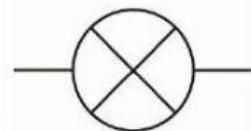
The circuit doesn't work because ...

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

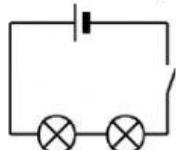
2. Picture is the symbol of ..

- a. Battery
- b. Light bulb

- c. wire
- d. switch



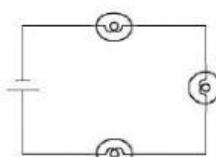
3. Look at this picture.



Explain this picture..

- a. Series circuit - Bulbs are lit
- b. Parallel circuit - Bulbs are lit off
- c. Series circuit - Bulbs are off
- d. Parallel circuit - Bulbs are off

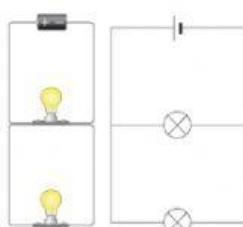
4. Look at the picture.



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

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

5. Look at the picture below.



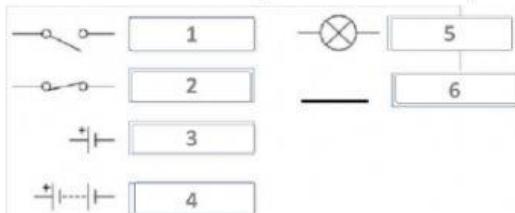
What kind of circuit is this?

- a. Series
- b. Open
- c. Parallel
- d. Close

## SECTION B

### Critical thinking Questions ( \_\_\_ MARKS)

1. Please write the component for each symbol



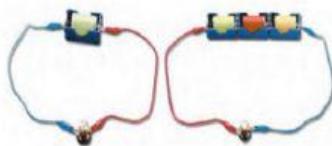
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2. Write the differences between series and parallel circuit.

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3. Look at the picture

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

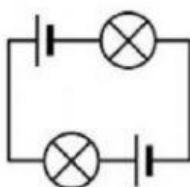


b. Explain why.

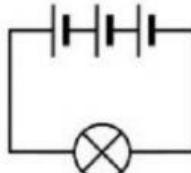
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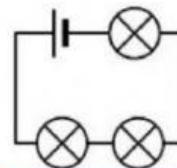
4. How many components in each circuit?



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