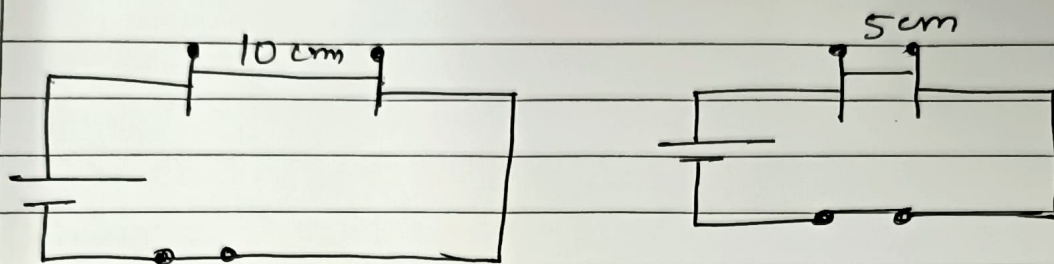


Revision

FM-10.

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- Q1. Paheli took a wire of length 10cm. Bhoojho took a wire of 5cm of the same material and thickness. Both of them connected the wires as shown in the circuit given in fig. below. The current flowing in both the circuit is the same.



- i) Will the heat produced in both the cases be equal? Explain. (2)
- ii) Will the heat produced be the same if the wires taken by them are of equal lengths but of different thickness? Explain (2)
- Q2. Paheli does not have a night lamp in her room. She covered the bulb of her room with a towel in the night to get dim light. Has she taken the right step? Give one reason to justify your answer. (1)
- Q3. Explore the concept of vegetative propagation and its applications in agriculture. Discuss its 3 advantages and 2 limitations compared to sexual reproduction in plants (3+2)