

- 36 When four identical lamps P, Q, R and S are connected as shown in diagram 1, they have normal brightness.

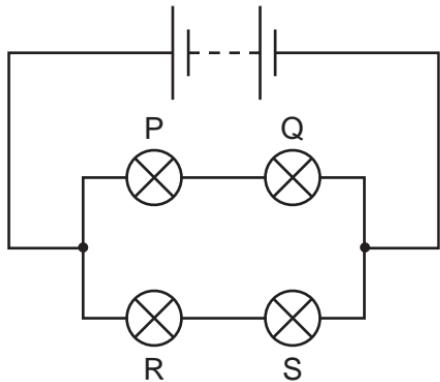


diagram 1

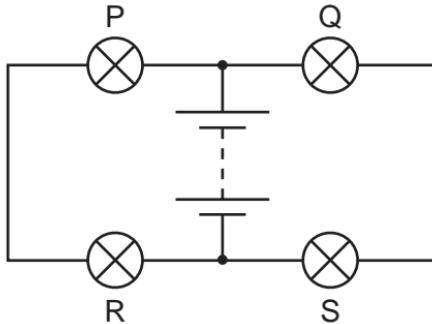


diagram 2

The four lamps and the battery are then connected as shown in diagram 2.

Which statement is correct?

- A The lamps do not light.
- B The lamps are less bright than normal.
- C The lamps have normal brightness.
- D The lamps are brighter than normal.

- 37 The diagram shows a light-dependent resistor (LDR) and a thermistor forming a potential divider.