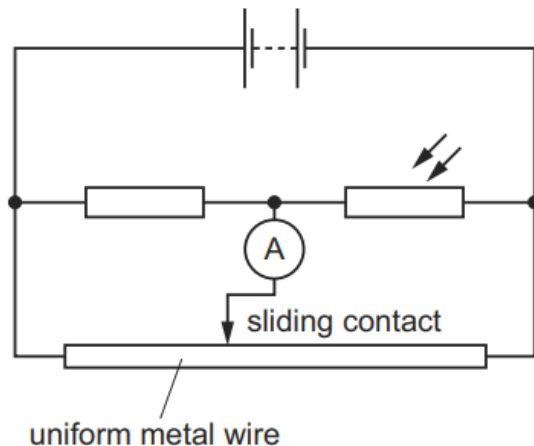


- 23** In the potentiometer circuit shown, the reading on the ammeter is initially zero.



The light-dependent resistor (LDR) is then covered up and the ammeter gives a non-zero reading.

Which change could return the ammeter reading to zero?

- A** Move the sliding contact to the left.
- B** Move the sliding contact to the right.
- C** Increase the supply voltage.
- D** Decrease the supply voltage.

- 24** A long straight wire P is placed along the central axis of a flat circular coil Q. The wire and coil each