

- 30** A particle has a charge of 4.8×10^{-19} C. The particle remains at rest between a pair of horizontal, parallel plates having a separation of 15 mm. The potential difference between the plates is 660 V.

What is the weight of the particle?

- A** 2.1×10^{-14} N
- B** 2.1×10^{-15} N
- C** 2.1×10^{-17} N
- D** 1.1×10^{-23} N

- 31** Two wires P and Q made of the same material and of the same length are connected in parallel