

Home Assignments

Moving Charges and Magnetism

①

(a) Some kind of charged particles.

(c) both electrostatic and magnetic force called Lorentz force.

(a) a conductor shields any charge within it from electric fields created outside the conductor.

(a) The particle's speed changes.

(a) $v_{\max} = \frac{qBR}{m}$.

(d) none of these.

② (a) Italian electricity researcher Luigi Galvani.

(a) to detect and measure small electric currents.

(d) none of these.

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(c) zero.

③ (b) both assertion and Reason are true but Reason is not a correct explanation of the assertion.

(a) both assertion and Reason are true and the reason is the correct explanation of the assertion.

(a) both assertion and Reason are true and the reason is the correct explanation of the assertion.

(d) both assertions and Reason are false.

- (b) Both assertion and reason are true but reason is not a correct explanation of the Assertion.
- (a) Both assertion and reason are true and reason is the correct explanation of the Assertion.

MCQs

- ① (d) An ammeter is connected in series in a circuit and the current through it is negligible.
- ② (c) ~~Zero~~ Infinity
- ③ (a) more.
- ④ (d) none of these.
- ⑤ (d) none of these.