

Chapter - Moving Charges And Magnetism
Class - XII Home Assignment

Date _____

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Q1.

- (i) a) Some kind of charged
- (ii) a) Only electrostatic
- (iii) a)
- (iv) b) The particle's velocity changes
- (v) a) $v_{max} = qBR/m$
- (vi) b)

Q1.

- (i) a)
- (ii) c) infinity
- (iii) a) more
- (iv) a) $i = (C/BN A) \theta$
- (v) a) $S_i = \theta/i = NBA/C$

Q2.

- (i) a) Italian electricity researcher - Luigi Galvani
- (ii) a) to detect and measure small electric current
- (iii) a) $S_i = \theta/i = NBA/C$
- (iv) d) none of these
- (v) a) $i = (C/BN A) \theta$
- (vi) b) independent of θ

Q3.

- (i) b)
- (ii) a)
- (iii) a)
- (iv) d)
- (v) b)
- (vi) a)