

## Physics Current, Electricity, Electric Circuits and Resistance Questions Pdf

Question: 1

The space around the test charge, in which it experiences a force, is known as \_\_\_\_ field.

- (A) Electrostatic
- (B) Photoelectric
- (C) Magnetic
- (D) Electric

Ans: D

Electric

Question: 2

The period of revolution of a charged particle inside a cyclotron does not depend on \_\_\_\_

- (A) The mass of the particle
- (B) The velocity of the particle
- (C) The magnetic induction
- (D) The charge of the particle

Ans: B

The velocity of the particle

Question: 3

The minimum value of magnetic moment is called

- (A) Bohr magneton
- (B) Bohr's ratio

- (C) Gyromagnetic ratio
- (D) None of the above

Ans: A

Bohr magneton

Question: 4

The alloy that does not oxidize easily is

- (A) Bronze
- (B) Invar
- (C) Tungsten
- (D) Nichrome

Ans: D

Nichrome

Question: 5

The instrument used for measuring current is a

- (A) Voltmeter
- (B) Wattmeter
- (C) Deflection magnetometer
- (D) Tangent galvanometer

Ans: D

Tangent galvanometer

Question: 6

A hollow metal ball carrying an electric charge produces no electric field at points

- (A) At a distance more than twice
- (B) Outside the sphere
- (C) Inside the sphere
- (D) On its surface

Ans: C

Inside the sphere

Question: 7

Fuse wire has

- (A) Low resistance
- (B) High resistance
- (C) Low melting point
- (D) Both (b) and (c)

Ans: D

Both (b) and (c)

Question: 8

The net flow of charge at any point in the conductor is

- (A) Infinity
- (B) Zero
- (C) Large
- (D) Very small

Ans: B

Zero

Question: 9

Thick strips of negligible resistance used in meter bridge are made up of

- (A) Copper
- (B) Manganin
- (C) Aluminium
- (D) Iron

Ans: A

Copper

Question: 10

For small difference in temperature between the junctions, the graph of thermo-emf verses temperature is a

- (A) Straight line
- (B) Curve
- (C) Parabola
- (D) Hyperbola

Ans: A

Straight line