

## Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	If the length and number of turns of a solenoid are doubled strength of magnetic field with.	A. Be doubled B. Become half C. Not change D. Be four time
2	The electric intensity at infinite distance from the point charge is	A. Infinite B. Zero C. Positive D. Negative
3	Lenz's law was given by Heinrich lenz in:	A. 1894 B. 1904 C. 1854 D. 1834
4	Two up quarks and one down quarks makes a	A. Proton B. Newton C. Photon D. Meson
5	Both Xenon and cesium have	A. 33 isotopes B. 34 Isotopes C. 36 Isotopes D. 35 Isotopes
6	The device which allows only the continuous flow of AC through it is.	A. Inductor B. Battery C. Thermistor D. Capacitor
7	When the back emf is zero, its draws.	A. Zero current B. Minimum current C. Maximum current D. Steady current
8	A charged particle having charge 'q' is moving at right angle to magnetic field. The quantity which varies is.	A. Speed B. Kinetic energy C. Path of motion D. angular velocity
9	When a wire is stretched and its radius becomes $r/2$ , then its resistance will be	A. 16 R B. 4 R C. 2R D. 0
10	The p-n junction in which p side is connected to +ive and n-side is -ve the junction is said to be:	A. Neutral B. Forward biased C. Reversed biased D. None of above
11	If the ionization energy of hydrogen atom is 13.6 eV, its ionization potential will be	A. 136.0 volt B. 3.0 volt C. 13.6 volt D. None of these
12	Photo diode detects.	A. Visible light B. Radio waves C. X rays D. All of them
13	The mass of protons is:	A. $1.675 \times 10^{-27}$ kg B. $1.693 \times 10^{-27}$ kg C. $1.673 \times 10^{-31}$ kg D. $1.673 \times 10^{-27}$ kg
14	One weber is equal to:	A. $N.A^2/m$ B. $N.m^2/A$ C. $N.A/m$ D. $N.m/A$
15	In Pakistan the frequency of A.C. supply is.	A. 50 Hz B. 60 Hz C. 45 Hz D. 50 Hz

D. 70 Hz

16 To convert a galvanometer into an ammeter, we connect with it a

- A. Shunt resistance
- B. Low value parallel
- C. Low value by pass resistor
- D. All of above

17 When a charge is projected perpendicular to a uniform magnetic field, its path is

- A. Spiral
- B. Helix
- C. Ellipse
- D. Circular

18 In Wilson cloud chamber,  $\beta$ -particles leave

- A. Thin and continuous tracks
- B. Thick and continuous tracks
- C. No tracks
- D. Thin and discontinuous tracks

19 The photo copying process is called

- A. Xerography
- B. Inkjet Printer
- C. Both (a) and (b)
- D. None of these

20 Energy stored in an inductor is:

- A.  $\frac{1}{2}L^2$
- B.  $\frac{1}{2}L^2$
- C.  $\frac{1}{2}LI^2$
- D.  $\frac{1}{2}LI$