

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	A positive charge is moving towards an observer, The direction of magnetic induction will be.	A. Toward right B. Anti clockwise C. Clockwise D. Toward left
2	In photovoltaic cell, current is directly proportional to.	A. Wavelength of light B. Intensity of light C. Energy D. Frequency of light
3	If a charge body moved against the electric field it will gain	A. Potential energy B. K.E C. Mechanical Energy D. Electric potential energy
4	Balmer Empirical formula explains the electromagnetic radiation of any excited atom in terms of their.	A. Energy B. Mass C. Wave length D. Momentum
5	Nuclear fission chain reaction is controlled by using.	A. Cadmium rods B. Iron rods C. Platinum rods D. Steel rods
6	The algebraic sum of potential change in a closed circuit is zero.	A. Kirchhoff's 1st rule B. Kirchhoff 2 nd rule C. Kirchhoff's 3 rd rule D. Kirchhoff 4 th rule
7	Conductors have conductivities of order:	A. $10^3(\Omega)^{-1}$ B. $10^7(\Omega)^{-1}$ C. $10^7\Omega^{-1}$ D. $10^6\Omega$
8	A diode characteristics curve is a plot between	A. Current and resistance B. Voltage and time C. Voltage and current D. Current and time
9	the core of transformer is laminated so reduce.	A. Magnetic loss B. Hysteresis loss C. Eddy current loss D. Electric loss
10	The powers of two electric bulbs are 100w and 200w. Which are connected to power supply of 220 V. The ratio of resistance of their filament will be:	A. $1:2$ B. $2:1$ C. $1:3$ D. $4:3$
11	In case of op-amp as an inverting amplifier, $V_+ - V_- = 0$, this is because	A. Open gain loop is very low B. Closed loop gain is very high C. Open loop gain is very high D. Both (a) and (a)
12	A galvanometer is an electrical instrument used to	A. Measure resistance B. Measure voltage C. Detect passage of current D. None of these
13	A 50 mH coil carries a current of 2.0 a , then energy stored in tis magnetic field is.	A. 0.1 J B. 10 J C. 100 J D. 1000 J

14	The wave form of alternating voltage is a	A. Cotangent curve B. Cosine curve C. Sine curve D. Tangent curve
15	The process of copying is:	A. Axillugraphy B. Chromatography C. Xerography D. Spectrography
16	For computation of electric flux, the surface area should be.	A. Parallel B. Flat C. Curved D. Spherical
17	The magnetic field inside solenoid is given:	A. $\mu_0 n I$ B. $\mu_0 n I$ C. $\mu_0 n I$ D. $\mu_0 n I$
18	The magnetic force is simply a	A. Reflecting force B. Deflecting force C. Restoring force D. Gravitational force
19	Those materials whose resistivity becomes zero at certain temperature is called:	A. Semiconductor B. Super conductor C. Conductor D. Insulator
20	1 amu =	A. 9.31 MeV B. 931 MeV C. 9.031 MeV D. None of above