


Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Automatic function of street light can be done by the use of.	A. Inductor B. Rectifier C. Comparator D. emf
2	An atom can reside in excited state for	A. 10^{-8} second B. One second C. 10^{-10} second D. More than one second
3	Self induction does not depend on	A. Number of turns of the coil B. Area of cross section of the core C. Nature of material of the core D. Current through inductor
4	Commentator was invented by	A. Henry B. Ousted C. Maxwell D. William sturgeon
5	The quantity of U in the naturally occurring uranium is.	A. 0.2% B. 0.3% C. 0.7% D. 0.4%
6	Grid in cathode ray oscilloscope controls.	A. Number of electron B. Temperature of filament C. Frequency of electron D. Energy of electrons
7	If a charged body is moved against the electric field it will gain.	A. P.E. B. K.E. C. Mechanical energy D. Electrical potential energy
8	One electron volt is equal to.	A. 1.6×10^{-19} Joule B. 1.6×10^{-19} Coulomb C. 1.6×10^{-12} N D. 1.6×10^{18} Joule
9	Which of the modulus of elasticity is involved in compressing a rod to decrease its length ?	A. Young's modulus B. Bulk modulus C. Modulus of elasticity D. None of these
10	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)
11	The magnetic field inside solenoid is given:	A. $\mu_0 n I$ B. $\mu_0 n I$ C. $\mu_0 n I$ D. $\mu_0 n I$
12	In Pakistan the frequency of A.C. supply is.	A. 50 Hz B. 60 Hz C. 45 Hz D. 70 Hz
13	Current passing through the coil of galvanometer	A. CO/BAN B. CoN/BA C. NAB/CO D. AN/BCO
14		A. Wien's constant B. Planck's constant C. Davison constant D. Lumber's constant
15	The substance which atom cooperates with each other in such a way so as to exhibit a strong magnetic field is called.	A. Ferromagnetic B. Paramagnetic C. Diamagnetic D. Non magnetic

16	A solid in which there is not regular arrangement of molecules is called.	A. Glassy solid B. Amorphous solid C. Crystalline solid D. Both a and b
17	The velocity of an oscillating charge as it moves to and fro along a wire is.	A. Changing B. Constant C. Infinite D. zero
18	Which of the following has least hysteresis loop area.	A. Steel B. Wrought Iron C. Soft iron D. Cobalt
19	Lenz's law deals with	A. Magnitude of emf B. Direction emf C. Direction of induced current D. Resistance
20	The emf induced by the motion of a conductor across a magnetic field is called:	A. Motional emf B. Rotational emf C. Induced emf D. All of above