Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The working principle of transformer is.	A. Self induction B. Faraday's law C. Mutual induction D. Electromagnetic induction
2	Unit of decay constantλ is:	A. ms B. m⁻¹ C. m D. S⁻¹
3	The critical temperature of Aluminum is.	A. 3.72 K B. 1.18 K C. 7.2 K D. 8.2 K
4	The P.D develop in case of germanium is:	A. 0.3 B. 0.7 C. 0.5 D. 0.9
5	Lenz's law is a consequence of the law of conservation of	A. Charge B. Momentum C. Energy D. Angular momentum
6	GM counter uses	A. Alcohol only B. Bromine C. argon D. Neon and bromine
7	e.m.f is the conversion of ---------- energy into electrical energy	A. Chemical B. Solar C. Light D. None of these
8	The velocity of electron moving is 1st orbit of hydrogen atom is:	A. 2.09 x 10⁶ ms⁻¹ B. 2.18 x10⁶ ms⁻¹ C. 2.19 x 10⁶ ms⁻¹ D. 3.18 x10⁶ ms⁻¹
9	Brightness of screen of CRO controlled by	A. Grid B. Filament C. Anode D. Cathode
10	When a nucleus emits an alpha particle, its atomic mass decreases by	A. 1 B. 2 C. 3 D. 4
11	1 gray is equal to.	A. 1 JKg-1 B. 1KgJ-1 C. 1JKg D. 1 JKg-2
12	The place for soring the nuclear waste is	A. Ocean B. Damping in earth C. Damping in desert D. Bottom of old salt mines
13	Laser is a beam of light which is	A. Monochromatic B. Coherent C. Unidirectional D. All of these
14	The reciprocal of resistance is called.	A. Capacitance B. Resistance C. Conductance D. Inductance

15	The resistivity of ----------decrease with the increase in temp	A. Gold B. Silver C. Copper D. Silicon
16	Rectification is the process of converting.	A. D.C. into A.C. B. A.C. in to D.C. C. Low signal to high D. High signal to low
17	when an inductor comes close to a metallic object, its inductance is.	A. Decreased B. Increased C. Becomes half D. Becomes 4 times
18	The colour of light emitted by a LED depends on.	A. It forward biased B. Its reverse biased C. Unbiased D. None of these
19	Commutator was invented in	A. 1834 B. 1820 C. 1840 D. 1835
20	A° is the unit of:	A. Energy B. Length C. Nuclear energy D. Work