Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The circuit which compares the two voltages is.	A. LDR B. Sensor C. Comparator D. Logic gate
2	I amu =	A. 9.31 MeV B. 931 MeV C. 9.031 MeV D. None of above
3	Which one is pentavalent impurity	A. Boron B. Gallium C. Antimony D. Indium
4	The conductor experience force, placed in magnetic above:	A. Move towards weaker part of field B. Move towards stronger part of field C. Remains at rest D. Move upwards in space
5	The position has charge which is in magnitude equal to the charge on	A. Electron B. Proton C. β particle D. All
6	Power dissipated in a pure inductor is.	A. Large B. Small C. Infinite D. Zero
7	Phase difference between V and I of an A.C through resistor is.	A. Zero Degree B. 90 ^o C. 80^o D. 120^o
8	Which is true for both alpha particle and gama rays.	A. They cause ionization in air B. They can be deflected by electric field C. They can be deflected by magnetic field D. The y can penetrate a few millimeters of aluminium
9	Donor impurities are	A. Germanium, silicon B. Indium, galium C. Antimony, arsenic D. Diamond, carbon
10	One joule of energy absorbed per kilogram of a body is	A. Roentgen B. Grey C. Rem D. Curie
11	The Direction of induced current is always so as to oppose the change which causes the current, is:	A. Faraday's law B. Lenz's law C. Ohm's law D. Kirchhoff' s1ast rule
12	The SI unit of flux density is.	A. NA-1 m2 B. NA-1 m-1 C. NAm-1 D. NA-1 m
13	A one microfarad capacitor of a TV is subjected to 4000 V potencial difference.The energy stored in capacitor is:	A. 8 j B. 16 j C. 4 x 10⁻³j D. 2 x 10⁻³j
14	A wire uniform cross-section. A length L and resistance R is cut into two equal parts. The resistivity of each part will be:	A. Doubled B. Halved C. Remain the same

		D. One fourth
15	To convert a galvanometer into a volt meter a high resistance is connected.	A. In series B. In parallel C. In perpendicular D. Along tangent
16	Photo copier and inkjet printer are the applications of	A. Magnetism B. Electricity C. `.Electro magnetism D. Electrostatics
17	The sum of positive and negative peak value called.	A. R.M.S. value B. P-P value C. Peak value D. Average value
18	Vrms =	A. 0.7V_◦ B. 0.07V_◦ C. 0.007V_◦ D. 0.75V_◦
19	A Current flowing towards the reader is denoted by.	A. Cross B. a bracket C. A dot D. Positive sign
20	The SI unit of magnetic induction Tesla is equal to	A. N-1 Am B. NA m2 C. NA-1n2 D. NA-1m-1