Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The existence of positron was discovered in:	A. 1929 B. 1928 C. 1931 D. 1933
2	If D.C. input for step up transformer, the output is	A. Zero B. High C. Low D. May be high or low
3	The photoelectric effect predicts that light is made of	A. Photons B. Neutrons C. Protons D. None of these
4	In D.C. generator, split rings act as.	A. Capacitor B. Commutator C. Resistor D. Inductor
5	Semiconductors have conductivity of order:	A. 10^{-8} to 10^{-6} $(\Omega m)^{-1}$ B. 10^{-6} to 10^{-4} $(\Omega m)^{-1}$ C. 10^{2} to 10^{5} $(\Omega m)^{-1}$ D. 10^{-5} to 10^{-7} $(\Omega m)^{-1}$
6	The potential difference between the head and tail of an electrical to	A. 600 Volt B. 700 Volt C. 800 Volt D. 900 Volt
7	Useful device to measure resistance, current and voltage is an electronic instrument called.	A. Volt meter B. Ammeter C. Ohmmeter D. Digital Multimeter
8	There is regular arrangement of molecules in:	A. Amorphous solids B. Crystalline solids C. Both a and b D. None of above
9	The quantity time constant RC has units of.	A. Charge B. Time C. Capacitance D. Resistance
10	An atom can reside in excited state for	A. 10^{-8} second B. One second C. 10^{-10} second D. More than one second
11	A resistance frequency the impedance of RLC parallel circuit is.	A. Zero B. Infinite C. Maximum D. Minimum
12	If F1 and F2 are teh magnetic forces acting on a particle and electron respectively when moving perpendicular to the magnetic field then.	A. F1=F2 B. F1>F2 C. F1<F2 D. F1 = 4F2
13	The solid with definite M.L are called:	A. Crystalline B. Amorphous C. Polymeric D. None of above
14	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

15	If both the magnitude of charges and distance between them is doubled, then coulomb's force will be.	A. Doubled B. Hlaf C. Remain same D. One fourth
16	The circuit in which current and voltage are in phase, the power factor is:	A. Zero B. 1 C. -1 D. 2
17	For non-ohmic devices, the graph between V and I is	A. Not a straight line B. A straight line C. A curve D. All of above
18	The first atomic reactor was introduced by	A. Currie B. Enrico Fermi C. Newton D. Bohr
19	In a coil current change from 2 to 4 A in .05 s . If the average induced emf is 8 V then coefficient of self-inductance is:	A. 0.2 henry B. 0.1 henry C. 0.8 henry D. 0.04 henry
20	We can find from de Broglie formula	A. Wavelength B. Amplitude C. Speed of wave D. Frequency of wave