Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The unit of permiability of free space is:	A. T.m/A B. $T.m^2/A$ C. $T.m/A^2$ D. None of these
2	Electric flux is a:	A. Scalar quantity B. Vector quantity C. Variable quantity D. None of these
3	Soft magnetic material is	A. Sodium B. Steel C. Iron D. Copper
4	A pentaralent impurity in Si	A. a free electron and a free hole B. a free hole C. a free electron D. No free particle
5	The velocity of electron moving is 1st orbit of hydrogen atom is:	A. 2.09×10^6 ms⁻¹ B. 2.18×10^6 ms⁻¹ C. 2.19×10^6 ms⁻¹ D. 3.18×10^6 ms⁻¹
6	The photon with energy greater than 1.02 MeV can interact with matter as.	A. Photoelectric effect B. Compton effect C. Pair production D. annihilation of matter
7	In CRO, the output waveform of time base generator is	A. Circular B. Square C. Sinusoidal D. Saw-toothed
8	When a nucleus emits alpha particle its atomic mass decreases by	A. 1 B. 2 C. 3 D. 4
9	A galvanometer is an electrical instrument used to	A. Measure resistance B. Measure voltage C. Detect passage of current D. None of these
10	In the equation if $f_2 >$ then	
11	When a nucleus emits an alpha particle, its atomic mass decreases by	A. 1 B. 2 C. 3 D. 4
12	If a step up transformer were 100% efficient the primary and secondary winging's would have the same.	A. Current B. Power C. Voltage D. Direction of winding
13	If V_{rms} be the root mean square value of emf then its peak to peak value is given by	
14	The force of Neutron due to field of 10^2 N/C is.	A. 1.6×10^{-17}N B. 1.6×10^{-19}N C. Zero D. 1.6×10^{-21}N
15	The first orbit in the hydrogen atom has a radius.	A. 0.53 nm B. 0.053 nm C. 0.0053 nm D. 0.00053 nm
		A. Amorphous solid

16	A solid having regular arrangement of molecules throughout its structure is called.	B. Polymeric solid C. Crystalline solid D. Glassy solid
17	For inducing emf in a coil the basic requirement is that:	A. Flux should link the coil B. Change in flux should link the coil C. Coil should form a closed loop D. Both (b) and (c) are true
18	The electric intensity due to two oppositely charged plates is	D. None of these
19	The SI unit of magnetic induction 'B' Tesla is equal to.	A. $NA^{-1}m^{-1}$ B. Nam^{-1} C. $NA^{-1} m$ D. Na^2m^{-1}
20	Balmer series lies in region of electromagnetic spectrum.	A. Infrared B. Visible C. Ultraviolet D. Fra infrared