Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The SI unit of magnetic permeability is.	A. WbA-1m-1 B. Wbm-2 C. WbmA-1 D. WbAm-1
2	A transistor has:	A. Two regions B. Three regions C. Single regions D. Four regions
3	A substance having the negative temperature co efficient of resistivity out of the following is.	A. Carbon B. Iron C. Tungsten D. Gold
4	mho -m-1 is the unit of.	A. Resistance B. Resistivity C. Conductance D. Conductivity
5	Radius of first Bohr's orbit is.	A. 0.053 nm B. 0.053 mm C. 0.053 micro meter D. 0.053 m
6	Who explained the photo electric effect.	A. Max Plank B. Einstein C. Henry D. Rutherford
7	A charged particle having charge 'q' is moving at right angle to magnetic field. The quantity which varies is.	A. Speed B. Kinetic energy C. Path of motion D. angular velocity
8	Compton effect proves.	A. Wave nature of radiation B. Wave nature of particle C. Dual nature of particle D. Particle nature of radiations
9	Which one is not a ductile material	A. Lead B. Steel C. Copper D. Wrought Iron
10	The device which allows only the continuous flow of AC through it is.	A. Inductor B. Battery C. Thermistor D. Capacitor
11	Which of the following is similar to electron.	A. Beta particle B. Alpha particle C. Neutron D. Proton
12	Hydrogen bomb is an example of.	A. Nuclear fission B. Nuclear fusion C. Chain reaction D. Chemical reaction
13	The SI unit of stress is same as that of.	A. Pressure B. Force C. Momentum D. Work
14	The electric field in some region of of space is uniform in magnitude and direction. Which one of the following five statements best desccribes the volume charge density (ρ) , in this	A. ρ = 0 B. ρ decreases linearly in the direction of the electric field C. <span style="color: rgb(34, 34,

	region of space?	34); font-family: arial, sans-serif; font-size: 16px;">ρ increases linearly in the direction of the electric field D. ρ has a uniform value throughout the region E.
15	Which one has the least resistance.	A. Galvanometer B. Ammeter C. Ohm meter D. Volta meter
16	The magnetic force is simply a	A. Reflecting force B. Deflecting force C. Restoring force D. Gravitational force
17	The mutual inductance between two coils depends upon their	A. Size B. Core material C. Size, core material and separation D. Separation
18	Xc =	A. 1/2πfc B. 2πfc C. 2π/fc D. fc/2π
19	Two oppositely charged balls A and B attract the third ball C, when placed near them turn by turn The third ball C must be.	A. Positively charged B. Negatively charged C. Electrically neutral D. Positively and negatively charged
20	In case of capacitor, the unit of reactance is	A. Farad B. Ohm C. Newton D. All of these