

## Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Transistor was invented by:	A. Bardeen B. Micheal faraday C. Lenz D. Newton
2	The unit of magnetic induction B is	A. Coulomb B. Ampere C. Coulomb/ampere D. Weber/m <sup>2</sup>
3	SI unit of electric flux is.	A. NmC <sup>1</sup> B. Nm <sup>-1</sup> C <sup>1</sup> C. Nm <sup>2</sup> C <sup>-1</sup> D. Nm <sup>3</sup> C <sup>2</sup>
4	The resistivity of two wires is $\rho_1$ and $\rho_2$ which are connected in series. If there dimentions are same then the equivalent resistivity of the combination will be:	A. $\rho_1 + \rho_2$ B. $\frac{\rho_1 + \rho_2}{2}$ C. $\frac{\rho_1 \rho_2}{\rho_1 + \rho_2}$ D. $\rho_1 \rho_2$
5	If the frequency of A.C. supplied is doubled then the capacitive reactance becomes.	A. Half B. Two C. Four times D. One fourth
6	Induced emf in A.C. generator can be increased by	A. Decreasing area of coil B. Decreasing magnetic field C. Increasing area of coil D. Slowing down speed of coil
7	Which one has the least resistance.	A. Galvanometer B. Ammeter C. Ohm meter D. Volta meter
8	Conversion of A.C into D.C is called:	A. Compton effect B. Rectification C. Amplification D. Pair production
9	By increasing the temperature of conductor, the flow rate of charges.	A. Increase B. Remains constant C. Decreases D. Changes exponentially
10	Balmer series lies in region of electromagnetic spectrum.	A. Infrared B. Visible C. Ultraviolet D. Fra infrared
		A. Increase B. —

11	If both the length and radius of the rod are doubled, then the modulus of elasticity will:	B. Decrease C. Remains the same D. Doubled
12	The free electrons experience force.	A. In direction of -E B. In direction of E C. Both A and B D. All of the above
13	The "toner" of photocopier is given:	A. Positive charge B. Negative charge C. Remains neutral D. All of above
14	Transistors are made from	A. Plastics B. Metals C. Insulator D. Doped semi conductors
15	Lenz's law was given by Heinrich lenz in:	A. 1894 B. 1904 C. 1854 D. 1834
16	The drift velocity is of order:	A. $10^{-13}$ m/s B. $10^3$ m/s C. $10^{-3}$ m/s D. $10^{-4}$ m/s
17	Laser is a beam of light which is	A. Monochromatic B. Coherent C. Unidirectional D. All of these
18	Reverse current flows due to	A. Majority charge carriers B. Minority charge carriers C. Electrons D. Holes
19	Those elements whose charge number z is greater than _____ are unstable:	A. 80 B. 79 C. 82 D. 83
20	The mass of beta particle is equal to mass of.	A. Protons B. Electrons C. Neutrons D. Boron