

## Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Magnetic effect of current is used in.	A. Toaster B. Electric iron C. Electric motor D. D.C. Battery
2	One ohm is equal to	A. VC-1 B. CV-1 C. AC-1 D. $VA^{-1}$
3	The dimensions of magnetic flux are	A. $M^{-1}L^2T^{-1}A^{-1}$ B. $ML^{-2}T^{-1}A^{-1}$ C. $ML^2T^{-2}A^{-1}$ D. $ML^2T^{-2}A^{-1}$
4	The velocity of electron moving is 1st orbit of hydrogen atom is:	A. $2.09 \times 10^6 \text{ ms}^{-1}$ B. $2.18 \times 10^6 \text{ ms}^{-1}$ C. $2.19 \times 10^6 \text{ ms}^{-1}$ D. $3.18 \times 10^6 \text{ ms}^{-1}$
5	If the medium between the charges is not free space then electrostatic force will be.	A. Increase B. Decrease C. Remain same D. None of these
6	The illustration of the phenomenon of mutual induction is in the device of	A. Transformer B. Inductor C. A.C. Generator D. Ammeter
7	The potential difference between the head and tail of an electrical to	A. 600 Volt B. 700 Volt C. 800 Volt D. 900 Volt
8	During each cycle A.C. voltage reaches a peak value.	A. Once B. Twice C. Thrice D. Four time
9	Compton effect proves.	A. Wave nature of radiation B. Wave nature of particle C. Dual nature of particle D. Particle nature of radiations
10	When platinum wire is heated, it changes to cherry red at temperature.	A. $500^\circ\text{C}$ B. $900^\circ\text{C}$ C. $1100^\circ\text{C}$ D. $1300^\circ\text{C}$
11	Semiconductor diodes are called:	A. Ohmic B. non ohmic C. Both a & b D. none of above
12	The net charge on a capacitor magnitude of charge of charge	A. Infinity B. $2q$ C. $Q/2$ D. Zero
13	For rectification we use.	A. Transformer B. Diode C. Choke D. Generator
14	The circuit of full wave rectification consist of	A. Three diodes B. Four diodes

		C. Two diodes D. One diode
15	The process by which lesser beam can be used to generate 3-dimensional images of objects is called	A. Holography B. Geo graphy C. Tomography D. Radio graphy
16	The electric intensity at infinite distance from the point charge is	A. Infinite B. Zero C. Positive D. Negative
17	The charge of an alpha particle is equal to	A. -e B. +e C. -2e D. 2e
18	A current carrying conductor experience maximum magnetic force in a uniform magnetic field when it is placed.	A. Perpendicular to field B. Parallel to field C. At an angle of $60^\circ$ to the field D. None of these
19	Logic gate can control some physical parameters like.	A. Temperature, Pressure B. Resistance, Inductance C. Capacitance, Impedance D. Current, voltage
20	The device which allows only the flow of D.C. is.	A. Capacitors B. transformer C. Inductor D. Generator