

## Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Conversion of only one half of A.C. into D.C. is called.	A. Half wave amplification B. Wave amplification C. Half wave electrification D. Half wave rectification
2	The mass of an object will be doubled at speed.	A. $2.6 \times 10^{8}$ m/s B. $1.6 \times 10^{8}$ m/s C. $2.6 \times 10^{7}$ m/s D. $3.6 \times 10^{7}$ m/s
3	A certain wire has a resistance R, the resistivity of an other wire of an identical material with the first, except for twice its diameter is.	A. $1/4$ R B. 4R C. 2R D. Same as R
4	The chargeless region after formation of Pn junction is called:	A. Free region B. Depletion region C. Field region D. U.V region
5	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
6	Which of the following has least hysteresis loop area.	A. Steel B. Wrought Iron C. Soft Iron D. Cobalt
7	Current passing through the coil of galvanometer	A. CO/BAN B. CoN/BA C. NAB/CO D. AN/BCO
8	Glass and high steel carbon are example of.	A. Ductile substances B. Brittle substances C. Soft substances D. Hard substances
9		A. Lenz's law B. Faraday's law C. Ampere's law D. None of these
10	During electrolysis process, density of $\text{CuSO}_4$ solution	A. Remains constant B. Decreased C. Increased D. None of these
11	An expression for gain of an inverting amplifier is	C. $(R_1/R_2)$ D. None of these
12	Electron vibrating 94,000 times each second will produce radio waves of frequency.	A. 94 Hz B. 940 Hz C. 94 Hz D. 490 Hz
13	The magnitude of back emf:	A. Increases with speed of motor B. Decreases with speed of motor C. Remains same D. None of above
14	Energy released by conversion of 1 amu is	A. 200 MeV B. 931 MeV C. 233 MeV D. 243 MeV
15	When the medium is insulator the electrostatic force between the charges is	A. Decreased B. Zero C. Increased D. None of above
		A. NOT

16	Which is not fundamental logic gate.	B. AND C. OR D. NAND
17	Selenium is a	A. Insulator B. Photoconductor C. Conductor D. First insulator then conductor
18	In D.C. generator, split rings act as.	A. Capacitor B. Commutator C. Resistor D. Inductor
19	A sensitive galvanometer is	A. Unstable B. Stable C. Moderate D. Both B and C
20	The energy of photon is given by	A. $mv^2/2$ B. $hf$ C. $Va e$ D. $mac^{sup>1</sup>}$