

## Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Unit of impedance is:	<p>A. Ohm</p> <p>B. Ohm<sup>-1</sup></p> <p>C. no unit</p> <p>D. Ohm m<sup>-1</sup></p>
2	The drift velocity is of order:	<p>A. 10<sup>-13</sup>m/s</p> <p>B. 10<sup>3</sup> m/s</p> <p>C. 10<sup>-3</sup>m/s</p> <p>D. 10<sup>-4</sup>m/s</p>
3	e.m.f is the conversion of ----- energy into electrical energy	<p>A. Chemical</p> <p>B. Solar</p> <p>C. Light</p> <p>D. None of these</p>
4	Which one is pentavalent impurity	<p>A. Boron</p> <p>B. Gallium</p> <p>C. Antimony</p> <p>D. Indium</p>
5	Electromagnetic induction is exactly according to law of:	<p>A. Momentum</p> <p>B. Charge</p> <p>C. Energy</p> <p>D. Mass</p>
6	The net charge on a capacitor magnitude of charge of charge	<p>A. Infinity</p> <p>B. 2 q</p> <p>C. Q/2</p> <p>D. Zero</p>
7	Tolerance of "Gold" band.	<p>A. ±10%</p> <p>B. ±5%</p> <p>C. ±15%</p> <p>D. ±20%</p>
8	Which series lies in the ultraviolet region.	<p>A. Balmer series</p> <p>B. Bracket series</p> <p>C. Ptund series</p> <p>D. Lyman series</p>
9	A charged conductor has charge on its.	<p>A. Inner surface</p> <p>B. Outer surface</p> <p>C. Middle surface</p> <p>D. Surrounding space</p>
10	In case of op-amp as an inverting amplifier, $V_+ - V_- = 0$ , this is because	<p>A. Open gain loop is very low</p> <p>B. Closed loop gain is very high</p> <p>C. Open loop gain is very high</p> <p>D. Both (a) and (a)</p>
11	Which is the most refined form of matter.	<p>A. Smoke</p> <p>B. Fog</p> <p>C. Light</p> <p>D. Electron</p>
12	Transistors are made from	<p>A. Plastics</p> <p>B. Metals</p> <p>C. Insulator</p> <p>D. Doped semi conductors</p>
13	Which one pair belongs to acceptor impurity.	<p>A. Aresincl, phosphorus</p> <p>B. Boron, gallium</p> <p>C. Arsenic, antimony</p> <p>D. Antimony, indium</p>
14	The half life of radioactive elements depends upon	<p>A. Temperature</p> <p>B. Nature of element</p> <p>C. Amount of the radioactive substance</p> <p>D. Pressure</p>
15	The most common source of an A.C. Voltage is.	<p>A. Motor</p> <p>B. Cell</p> <p>C. Generator</p>

		D. Thermocouple
16	Unit of self inductance is	A. Weber B. Tesla C. Henry D. Farad
17	The physical quantity related to photon, that does not change in Compton scattering is.	A. Energy B. Speed C. Frequency D. Wavelength
18	Which material should be inserted between the plates of a capacitor in order to increase its capacitance.	A. Copper B. Mica C. Iron D. Tin
19	Hydrogen atom spectrum does not lie in	A. Ultraviolet region B. Visible region C. Infrared region D. X-ray region
20	The algebraic sum of potential change in a closed circuit is zero.	A. Kirchhoff's 1st rule B. Kirchhoff's 2nd rule C. Kirchhoff's 3rd rule D. Kirchhoff's 4th rule