

## Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The temperature at which, semiconductor behaves as insulators:	A. 10k B. 0k C. 237k D. None of above
2	Which of the modulus of elasticity is involved in compressing a rod to decrease its length ?	A. Young's modulus B. Bulk modulus C. Modulus of elasticity D. None of these
3	NC-1 is the SI unit is	A. Force B. Charge C. Current D. Electric intensity
4	Paschen series lies in the	A. Far ultraviolet region B. Visible region C. Ultraviolet region D. Inferred region
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	In Wilson cloud chamber, if tracks are thick, straight and continuous, then particle is	A. $\alpha$ -particles B. $\beta$ -particles C. Y-rays D. All
7	Unit of decay constant $\lambda$ is:	A. ms B. $m^{-1}$ C. m D. $s^{-1}$
8	To convert a galvanometer into an ammeter, we connect with it a	A. Shunt resistance B. Low value parallel C. Low value by pass resistor D. All of above
9	Pair production occurs only when energy of photon is at least equal in:	A. 1.02keV B. 1.02 eV C. 1.02 MeV D. 1.02 GeV
10	Heat generated by a 40 W bulb in one hour is.	A. 140 J B. 1440 J C. 14400 J D. 144000 J
11	If speed of rotation of a generator is doubled the output voltage will be.	A. Remain same B. Double C. Four time D. One half
12	substance which undergo plastic deformation until they break are known as.	A. Brittle substances B. Ductile substance C. Non magnetic substance D. Magnetic substance
13	The Kirchoff 1 <sup>st</sup> rule is manifestation of:	A. Law of conservation of mass B. Law of Conservation of charge C. Law of conservation of energy D. None of above
14	The combined effect of resistance and reactance is knows as.	A. Inductance B. Conductance C. Resistance D. Impedance
15	The ratio Beta in transistor is called.	A. Voltage gain B. Emitter gain C. Current gain D. Nuclear gain

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16	The product of resistance and capacitance is.	A. Velocity B. Force C. Acceleration D. Time
17	The minimum frequency needed to emit an electron from metal surface is called:	A. Work function B. Threshold frequency C. Quanta frequency D. All of above
18	In carbon resistors, the value of Blue colour is.	A. 6 B. 7 C. 8 D. 9
19	Farad is defined as	A. Coulomb/Volt B. Ampere /Volt C. Coulomb /Joule D. Volt/Coulomb
20	At high frequency the value of reactance of capacitor will be.	A. Small B. Zero C. Large D. Infinite

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