

## Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The relative permittivity of air is	A. 79.5 B. 1.006 C. 1.06 D. 1.0006
2	The colour of light emitted by a LED depends on.	A. It forward biased B. Its reverse biased C. Unbiased D. None of these
3	Which one is pentavalent impurity	A. Boron B. Gallium C. Antimony D. Indium
4	The sensitivity of galvanometer directly depends upon	A. Magnetic field B. Area of coil C. Both a and b D. None of a, b, c
5	The unit of impedance is.	A. Henry B. Hertz C. Ampere D. Ohm
6	When a charge is projected perpendicular to a uniform magnetic field, its path is	A. Spiral B. Helix C. Ellipse D. Circular
7	Laser can be made by creating.	A. Meta stable B. Population lversion C. Excited state D. All of these
8	The induction can be increased by winding the wire around a core made of.	A. Copper B. Silicon C. Iron D. Aluminum
9	In Series resonance circuit the impedance of circuit at resonance frequency, is	A. Maximum B. Minimum C. It is unequal to R D. None of above
10	In CRO, the output waveform of time base generator is	A. Circular B. Square C. Sinusoidal D. Saw-toothed
11	Photo diode detects.	A. Visible light B. Radio waves C. X rays D. All of them
12	The curie temp for iron is about	A. 800 <sup>o</sup> C B. 740 <sup>o</sup> C C. 750 <sup>o</sup> C D. 650 <sup>o</sup> C
13	The Balmer series is obtained when all the transition of electrons terminate on	A. 1 <sup>st</sup> orbit B. 2 <sup>nd</sup> orbit C. 3 <sup>rd</sup> orbit D. 4 <sup>th</sup> orbit
14	In chopke coil the resistance $X_L$ an resistance R are:	A. $X_L = R$ B. $X_L < R$ C. $X_L > R$ D. $X_L = R$
		A. Volt meter B. Ammeter

15	Useful device to measure resistance, current and voltage is an electronic instrument called.	B. Ammeter C. Ohmmeter D. Digital Multimeter
16	When 10 V are applied to an A.C circuit, the current flowing in it is 100 mA. Its impedance is.	A. 100 Ohm B. 10 Ohm C. 1000 Ohm D. 1 Ohm
17	Two resistances of 2 Ohm each are connected in parallel combination. Equivalent resistance will be.	A. 4 Ohm B. 2 Ohm C. 1 Ohm D. 8 Ohm
18	During each cycle A.C. voltage reaches a peak value.	A. Once B. Twice C. Thrice D. Four times
19	A two-input NAND gate with inputs a and b has an output '0' if.	A. B is zero B. A is zero C. Both A and B are 1 D. Both A and B are '0'
20	Which one is a photoconductor.	A. Copper B. Selenium C. Mercury D. Aluminium