Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The power factor of RL series circuit is.	A. 0 B. 1 C. Less then 1 D. More than one
2	The symbol of p-n-p transistor is	
3	The mutual inductance of the coils depends upon.	A. Stiffness of the coils B. Density of coils C. Material of coils D. Geometry of the coils
4	NAND gate represented by:	A. X = A. B B. X = A+B C. X= A.B D. X=|A+B|
5	Logic gate can control some physical parameters like.	A. Temperature, Pressure B. Resistance, Inductance C. Capacitance, Impedance D. Current, voltage
6	The value of capacitive reactance is given by	A. Xc = VI B. xc= 1/wc or xc= wL C. xc= 1*wc or xc=Lw D. All of above
7	The force on a charge particle moving parallel to magnetic field is:	A. Maximum B. Minimum C. Zero D. None of these
8	In AC system we generate sine wave form because:	A. It san be easily draw B. It produces least disturbance in electrical circuits C. It is nature standard D. Other waves cannot be produced easily
9	The middle region of electric field is:	A. Maximum field spot B. Zero field spot C. Perpendicular field spot D. All of above
10	One of the applications of electrostatic induction is	A. Laser B. Photocopier C. X ray machine D. Wilson cloud chamber
11	Paschen series lies in the	A. Far ultraviolet region B. Visible region C. Ultraviolet region D. Inferred region
12	When some di electric is inserted between the plates of a capacitor, then capacitance.	A. Decreases B. Increases C. Becomes zero D. Becomes infinity
13	The peak to peak value of alternating voltage is	A. $2V_o$ B. V_o D. None of these
14	In A.C. inductor behaves as	A. Capacitor B. Resistor C. Commutator D. Transistor
15	Transistor was discovered by	A. Young B. Curie C. John Bardeen D. Shale's
		A. Transistor

16	The sensor of light is.	B. LED C. Diode D. Light dependent resistance
17	Unit (S.I) of temperature coefficient of resistivity of a material is	A. K B. K^{-1} C. ^{o}C D. K^{-2}
18	The drift velocity is of order:	A. 10^{-13} m/s B. 10^{3} m/s C. 10^{-3} m/s D. 10^{-4} m/s
19	The torque in the coil can be increased by increasing:	A. No. of turns B. Current and magnetic field C. Area of coil D. All of the above
20	In A.C. generator , when plane of coil is perpendicular to magnetic field, then output of generator is.	A. NwAB B. 2pi f C. Maximum D. Zero