

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The phase angle of a series RLC circuit at resonant frequency is	A. 1/2 B. σ C. Zero D. $\sigma/4$
2	To convert a galvanometer into a volt meter a high resistance is connected.	A. In series B. In parallel C. In perpendicular D. Along tangent
3	The unit of R_h is.	A. ms^{-1} B. m C. m^2 D. m^{-1}
4	When a motor is over loaded then the magnitude of back emf.	A. Increases B. Decreases C. Remain constant D. Zero
5	LDR becomes necessary when op amp is used as a	A. Night switch B. Inverter C. Comparator D. Rectifier
6	Cobalt -60 is the source for	A. Alpha rays B. Gama rays C. Beta rays D. Neutron
7	The P.D develop in case of silicon is:	A. 0.7V B. 0.3V C. 0.5V D. 0.9V
8	Which one of the following is ductile substance.	A. Copper B. Lead C. Wrought iron D. All of them
9	Flux through any closed surface is:	A. $1/\epsilon^2$ times the total charge enclosed in it B. ϵ^2 time the total charge enclosed in it C. $1/\epsilon$ ties the total charge enclosed in it D. ϵ time the total charge enclosed in it
10	Which of the following series of hydrogen spectrum lies in ultra violet region.	A. Lyman series B. Paschen series C. Balmer series D. Bracket series
11	For a current carrying solenoid the term 'n' has unit as.	A. No unit B. m^{-1} C. m^{-2} D. m^{-3}
12	The mass spectrum of naturally occurring neon, showing	A. 1 isotope B. 2 isotope C. 3 isotope D. 4 isotope
13	NAND gate represented by:	A. $X = A \cdot B$ B. $X = A + B$ C. $X = A \cdot B$ D. $X = A + B $
14	The heat produced by passage of current.	A. $H = I^2 R t$ B. $H = IR^2 T$ C. $H = I/Rt$ D. $H = I^2 R / T$

15	The term invertor is used for.	A. NOR gate B. XNOR gate C. NAND gate D. NOT gate
16	Electrons are	A. Hadrons B. Laptions C. Quarks D. Baryons
17	Automatic function of street light can be done by the use of.	A. Inductor B. Rectifier C. Comparator D. emf
18	Anti particle of electron is	A. Proton B. Photon C. Neutron D. Positron
19	Internal frame is a frame is which	A. 1st law holds B. 2nd law holds C. 3rd law holds D. Kelvin's law holds
20	The magnetic force is simply a	A. Reflecting force B. Deflecting force C. Restoring force D. Gravitational force