

Physics ICS Part 2 Online MCQ's Test

Qr.	Questions	Anguara Chaica
Sr	Questions	Answers Choice
1	Heat sensitive resistors are called.	A. resistors B. Capacitor C. Thermistors D. Inductors
2	Mutual induction has a practical role in the performance of the.	A. Radio choke B. Transformers C. A.C. Generator D. D.C. Generator
3	The quantity time constant RC has units of.	A. Charge B. Time C. Capacitance D. Resistance
4	Most of the electrons in the base of an NPN transistor flow:	A. Out of the base lead B. Into the collector C. Into the emit D. Into the base supply
5	The electrical intensity is equal to:	AΔr/Δν B. Δν/Δr C. Δν/Δν DΔν/Δr
6	In self induction A coil is connected in with battery and a rheostat.	A. Parallel B. Series C. Both A and B D. None of above
7	The combined effect of resistance and reactance is knows as.	A. Inductance B. Conductance C. Resistance D. Impedance
8	Wave nature of light appears in	A. Pair production B. Compton effect C. Photo electric D. Interference
9	Ampere second stands for the unit of.	A. Charge B. emf C. energy D. Power
10	If 1 x 10^{7} electrons passes through a conductor in 1.0 micro second , then the current is.	A. 2 A B. 1.6 A C. 2.6 x 10 ⁻⁶ A D. 1.6 x 10 ⁻⁶ A
11	Those materials whose resistivity becomes zero at certain temperature is called:	A. Semiconductor B. Super conductor C. Conductor D. Insulator
12	Magnetic induction can be measured in units of.	A. Tesla B. Gauss C. Weber/m2 D. All of the above
13	The wave form of alternating voltage is a	A. Cotangent curve B. Cosine curve C. Sine curve D. Tangent curve
14	The force on a charge particle moving parallel to magnetic field is:	A. Maximum B. Minimum C. Zero D. None of these
15	The mathematical symbol for NOR operation is	B. X = A . B C. X = A + D
		A. Zero current

16	When the back emf is zero, its draws.	B. Minimum current C. Maximum current D. Steady current
17	Which of the following are not hadrons.	A. Muons B. Mesons C. Positrons D. Neutrons
18	Energy stored in inductor is.	A. 1/2 L I ² B. 1/2 LI C. 1/2 L2I D. 1/2 L2I2
19	The SI unit of decay constant is	A. m B. m ⁻¹ C. S ⁻¹ D. Nm ⁻¹
20	The input resistance of an op amplifier is.	A. Low B. High C. Zero D. Equal to output resistance