

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	An expression for gain of an inverting amplifier is	C. (R ₁ R ₂) D. None of these
2	The minimum energy required for occurrence of pair production is:	A. 1.022eV B. 1.02keV C. 1.02Me.V D. 1.04MeV
3	The electrical intensity is equal to:	AΔr/Δν B. Δν/Δr C. Δν/Δν DΔν/Δr
4	Resistance of choke is	A. zero B. Large C. Very small D. Infinite
5	The number of electrons in one coulomb charge is equal to	A. 6.2 x 10 ¹⁸ electrons B. Zero electrons C. 1.6 x 10 ⁻²² electrons D. 6.2 x 10 ²¹ electrons
6	In gas the charge carriers are:	A. Electrons B. lons C. Both a & D. None of above
7	For rectification we use.	A. Transformer B. Diode C. Choke D. Generator
8	Which device is used as a rectifier?	A. Capacitor B. Transistor C. Diode D. Transformer
9	A current generator device converts:	A. Mechanical energy into chemical energy B. Chemical energy into electrical energy C. Mechanical energy into electrical energy D. Both b and c
10	A photo diode can turn its current ON and OFF in	A. Micro seconds B. Mega seconds C. Nano seconds D. Mili seconds
11	In Helium Neon laser, discharge tube is filled with Neon gas.	A. 10% B. 15% C. 85% D. 90%
12	The unit of magnetic induction B is	A. Coulomb B. Ampere C. Coulomb/ampere D. Weber/m ²
13	Minimum energy needed to escape an electron ofrm metal surface is called:	A. Threshold energy B. Threshold frequency C. Work function D. Work ability
14	A battery is used in	A. ohmmeter B. Ammeter C. Galvanometer D. Voltemeter
15	The wave form of alternating voltage is a	A. Cotangent curve B. Cosine curve C. Sine curve

		D. I angent curve
16	Which is not characteristic of Laser.	A. MonochromaticB. CoherentC. IntenseD. Multi direction
17	The number of electrons emitted depends upon	A. Colour of target surfaceB. Shape of surfaceC. Frequency of incident lightD. Intensity of incident light
18	A moving charge is surrounded by:	A. 2 Fields B. 3 Fields C. 4 Fields D. None of these
19	An electron miroscope emplys which to one of the following particles?	A. Electron ahve a wave nature B. Electrons can be focused by an electric field C. Electrons can be focused by a magnetic field D. All of the above
20	The first theory about the structure of an atom was introduced by	A. Neil Bohr B. Einstein C. Compton D. Rutherford