

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Conductors have conductivities of order:	A. $10^{3} \Omega^{-1}$ B. $10^{7} \Omega^{-1}$ C. $10^{7} \Omega^{-1}$ D. $10^{-6} \Omega$
2	Photo copier and inkjet printer are the applications of	A. Magnetism B. Electricity C. Electro magnetism D. Electrostatics
3	The potential difference across depletion region in case of Si is	A. 0.6 volt B. 0.9 volt C. 0.7 volt D. 0.2 volt
4	Lenz's law presented in	A. 1834 B. 1934 C. 1826 D. 1836
5	Photons emitted in inner shell transition are.	A. Continuous X-rays B. Discontinuous X rays C. Characteristic X rays D. Energetic X rays
6	A light emitting diode emits light only when	A. Reverse biased B. Forward biased C. Unbiased D. None of these
7	Semiconductors have conductivity of order:	A. 10^{-8} to $10^{-6} \Omega^{-1}$ B. 10^{-6} to $10^{-4} \Omega^{-1}$ C. 10^{2} to $10^{5} \Omega^{-1}$ D. 10^{-5} to $10^{-7} \Omega^{-1}$
8	The special theory of relativity based on.	A. One postulate B. Two postulates C. Three postulates D. Four postulates
9	In according with Bohr's theory the K.E of the electron is equal to:	A. $\frac{ke^2}{2r}$ B. $\frac{Ze^2}{r}$ C. $\frac{Ze^2}{r^2}$ D. $\frac{Ze^2}{2r^2}$
10	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
11	In the capacitive circuit of A.C. quantity when $q=0$ the slope of $q-t$ curve is.	A. Maximum B. Minimum C. Zero D. Negative
12	The mass of an object will be doubled at speed.	A. 2.6×10^8 m/s B. 1.6×10^8 m/s C. 2.6×10^7 m/s D. 3.6×10^7 m/s
13	During each cycle A.C. voltage reaches a peak value.	A. Once B. Twice C. Thrice D. Four time
14	In case of inductor , energy is stored in the	A. Electric field B. Magnetic field C. Potential field D. Gravitational field

15	The Weber is unit of measure of:	A. Conductance B. Electric current C. Magnitic flux D. Electric flux
16	The wave form of alternating voltage is a	A. Cotangent curve B. Cosine curve C. Sine curve D. Tangent curve
17	The radio active nuclide ${}_{86}\text{Ra}^{228}$ decays by a series of emissions of three alpha particles and one beta particle. The nuclide X finally formed is:	A. ${}_{64}\text{X}^{220}$ B. ${}_{86}\text{X}^{222}$ C. ${}_{84}\text{X}^{216}$ D. ${}_{88}\text{X}^{215}$
18	The number of electrons emitted depends upon	A. Colour of target surface B. Shape of surface C. Frequency of incident light D. Intensity of incident light
19	1 Henry =	A. $\frac{V}{SA}$ B. $\frac{V}{S}A$ C. $\frac{V}{S}A$ D. $\frac{V}{SA}$
20	If both the magnitude of charges and distance between them is doubled, then coulomb's force will be.	A. Doubled B. Haf C. Remain same D. One fourth