

Physics ICS Part 2 Online MCQ's Test

0		A 01 :
Sr	Questions	Answers Choice
1	A capacitor is perfect in insulator for.	A. Alternating current B. Sparking current C. Eddy current D. Direct current
2	When a PN-Junction is reverse biased the depletion region is.	A. Widened B. Narrowed C. Normal D. None of these
3	The electric field created by positive charge is:	A. Radially outward B. Circular C. Radially inward D. Zero
4	The combined effect of resistance and reactance in circuit is called:	A. Impedance B. Inductance C. Capacitance D. None of above
5	One electron volt is equal to.	A. 1.6 x 10 ⁻¹⁹ Joule B. 1.6 x 10 ⁻¹⁹ Coulomb C. 1.6 x 10 ⁻¹² N D. 1.6 x 10 ¹⁸ Joule
6	The output from a full wave rectifier is	A. An ac voltage B. A dc voltage C. Zero D. A pulsating unidirectional voltage
7	Cathode ray oscilloscope works by deflecting a beams	A. Neutrons B. Protons C. Electrons D. Positron
8	The unit of strain is:	A. Nm B. Nm ⁻² C. no unit D. Nm ²
9	A light emitting diode emits light only when	A. Reverse biased B. Forward biased C. Unbiased D. None of these
10	The existence of positron was discovered in:	A. 1929 B. 1928 C. 1931 D. 1933
11	There are different crystal systems. The number of these crystal system is.	A. 3 B. 4 C. 5 D. 7
12	The first atomic reactor was introduced by	A. Currie B. Enrico Fermi C. Newton D. Bohr
13	The number of lines per unit area passing perpendicular through an area is called	A. Flux B. Electric intensity C. Both (a), (b) D. None of these
14	When a nucleus emits alpha particle its atomic mass decreases by	A. 1 B. 2 C. 3 D. 4
15	The p-n junction in which p side is connected to+ive and n-side is -ve the junction is said to be:	A. Neutral B. Forward biased C. Reversed biased D. None of above

16	An electron in H -atom is excited from ground state $n=4$, How many spectral lines are possible in this case.	A. 6 B. 5 C. 4 D. 3
17	The sensitivity of galvanometer directly depends upon	A. Magnetic field B. Area of coil C. Both a and b D. None of a, b, c
18	Electron volt is the unit of.	A. PotentialB. Potential differenceC. Electric currentD. Electric energy
19	Compton's effect is associated with	A. gamma rays B. Beta rays C. X rays D. Positive rays
20	The phase difference between the current and voltage at resonce is:	A. 0 B. π C π D. π/2