

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	When a nucleus emits an alpha particle, its atomic mass decreases by	A. 1 B. 2 C. 3 D. 4
2	What is difference is isotopes	A. Number of protons B. Number of neutrons C. Number of electrons D. Charge number
3	The flow of D.C current is opposed by	A. Resistor B. Induction C. Capacitor D. All of these
4	substance which undergo plastic deformation until they break are known as.	A. Brittle substances B. Ductile substance C. Non magnetic substance D. Magnetic substance
5	Einstein was awarded Nobel prize in physics in	A. 1905 B. 1911 C. 1918 D. 1921
6	The binding energy per nucleon is maximum for	A. Helium B. Iron C. Potassium D. Radium
7	Depletion region carries.	A. -ve charge B. +ve charge C. Ions D. No charge
8	Minimum number of semi conductor diodes required for full wave rectification are.	A. 1 B. 2 C. 3 D. 4
9	Total flux through a closed surface depends on.	A. Shape of surface B. Medium only C. Charge enclosed only D. Charge and Medium
10	The e/m of a neutron is	A. Less than electron B. The same as electron C. Zero D. Greater than election
11	A Current flowing towards the reader is denoted by.	A. Cross B. a bracket C. A dot D. Positive sign
12	Magnetic flux density is measured in	A. Weber B. Weber/m ² C. Tesla -m D. Gauss
13	the core of transformer is laminated so reduce.	A. Magnetic loss B. Hysteresis loss C. Eddy current loss D. Electric loss
14	The device which is used as amplifier and works with the negative feedback is.	A. Operational amplifier B. P-n-p transistor C. n-p-n transistor D. Transistor
15	Eintein's Photoelectric equation is $E_k = hf - \phi$ in this equation E_1 , refers to:	A. K.E of al the emitted electrons B. Mean K.E of emitted electrons C. Maximum K.E of emitted electrons D. Minimum K.E of emitted electrons

16	When charge particle enter perpendicular to magnetic field, the path followed by it is:	A. A helix B. A circle C. Straight line D. Ellipses
17	In order to increase sensitivity of galvanometer the value of C may be	A. Increase B. Decrease C. Neither increase nor decrease D. Remain same
18	SI unit of electric flux is.	A. NmC^1 B. $\text{Nm}^{-1} \text{C}^1$ C. $\text{Nm}^2 \text{C}^{-1}$ D. $\text{Nm}^3 \text{C}^2$
19	Question Image	A. Wien's constant B. Planck's constant C. Davison constant D. Lumber's constant
20	A charge on 4 coulomb is in the field of intensity 4N/C the force on the charge is.	A. Uniform B. Non uniform C. Weak D. Strong