

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The permeability of free space is measured in	A. wb A/m B. Am/wb C. wb/Am D. m/wbA
2	The Balmer series is obtained when all the transition of electrons terminate on	A. 1 st orbit B. 2 nd orbit C. 3 rd orbit D. 4 th orbit
3	The sensor of light is.	A. Transistor B. LED C. Diode D. Light dependent resistance
4	Binding energy per nucleus for uranium is above:	A. 6.7 Mev B. 7.7 Mev C. 6.9 MeV D. 7.9 MeV
5	The mutual inductance between two coils depends upon their	A. Size B. Core material C. Size, core material and separation D. Separation
6	The current induced can be increased by:	A. Using a stronger magnetic field B. Moving the loop faster C. Replacing the loop by coil of many turns D. All of above
7	Galvanometer is sensitive when C/BAN is	A. zero B. Large C. small D. Negative
8	Kirchhoff's first rule is the manifestation of the law of conservation of.	A. Mass B. Charge C. Energy D. Momentum
9	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
10	In A.C. generator, when plane of coil is perpendicular to magnetic field, then output of generator is.	A. NwAB B. $2\pi f$ C. Maximum D. Zero
11	Minimum number of semi conductor diodes required for full wave rectification are.	A. 1 B. 2 C. 3 D. 4
12	A proton is about 1840 times than an electron. When it is accelerated by a potential difference of 1 kV, its kinetic energy will be:	A. 1884 keV B. 1/1840 keV C. 1 keV D. 920 keV
13	For rectification we use.	A. Transformer B. Diode C. Choke D. Generator
14	Substance which break just after the elastic limit is reached are called as.	A. Ductile substances B. Hard substances C. Brittle substances D. Soft substances
15	Which one of the following physical quantities change with relativistic speed?	A. Length B. Time C. Mass D. All of these

D. All of above

16	Radio frequency choke is	A. Iron cored B. Air Cored C. Air as well as iron cored D. None of these
17	Gamma rays from cobalt -60 are used for treatment of.	A. Circulation of blood B. Cancer C. Heart Attack D. Thyroid glands
18	After curie temperature.	A. Ferromagnetic B. Paramagnetic C. Magnetic D. Diamagnetic
19	The electric intensity due to two oppositely charged plates is	D. None of these
20	When the back emf in a current is zero, it draws	A. Zero current B. Maximum current C. Minimum current D. Steady average current