

Physics ICS Part 2 Online MCQ's Test

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Sr	Questions	Answers Choice
1	The motional emf developed in a conduction depends upon.	A. Length B. Orientation C. Magnetic field D. All of the above
2	Unit of impedance is:	A. Ohm B. Ohm ⁻¹ C. no unit D. Ohm m ⁻¹
3	For Paschen series, the value of 'n' starts from	A. 2 B. 4 C. 6 D. 8
4	A current carrying conductor experience maximum magnetic force in a uniform magnetic field when it is placed.	A. Perpendicular to field B. Parallel to field C. At an angle of 60 ^o to the field D. None of these
5	For a current carrying solenoid the term 'n' has unit as.	A. No unit B. m ⁻¹ C. m ⁻² D. m-3
6	e/m=	A. v/Br B. Br/V C. VB/r D. Vr/B
7	In three phase A.C. generator the phase difference between each pair of coil is.	A. 45 ^o B. 90 ^o C. 120 ^o D. 60 ^o
8	For an atom of hydrogen atom the radius of the first orbit is given by:	A. H/me ² B. me/4h ² C. h2/4 π² kme² /span> D. h² me²
9	The value of Rydberg constant is:	A. 1.0749x10 ⁷ m ^{- 1} B. 1.0974 x 10 ⁷ m ¹ C. 1.974 x10 ⁶ m ^{- 1} D. 1.0974 x 10 ⁻⁷ m ⁻¹
10	mho -m-1 is the unit of.	A. Resistance B. Resistivity C. Conductance D. Conductivity
11	Intensity of field inside a hollow charged sphere will be.	A. Negative B. Unaffected C. Zero D. Maximum
12	In carbon resistors, then value of Blue colour is.	A. 6 B. 7 C. 8 D. 9
13	In nuclear radiation , track of alpha particle is.	A. Thin B. Discontinuous C. Erratic D. Continuous
14	If the potential difference across two plates of capacitor is doubled, then energy stored in it	A. Two times B. Eight times

	will be.	C. Four times D. Remain same
15	Very weak magnetic field produced by brain can be detected by	A. MRI B. CAT scans C. Squid D. CRO
16	In an electronic transition atom cannot emit.	A. Infrared radiationsB. Visible radiationsC. Ultraviolet radiationsD. Gama radiations
17	Curie temperature is	A. Differen for chromium oxide and cobalt B. Same for chromium oxide and cobalt C. Same for iron and cobalt D. None of these
18	The domain theory of magnet is important to explain the behaviour of	A. Diamagnets B. Paramagnets C. Ferromagnets D. All of these
19	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
20	The thermistors convert changes of temperature into.	A. Light energy B. Electric voltage C. Heat D. Sound