

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The energy equivalent of 1 kg of matter is about:	A. 10 ⁻¹⁵ J B. 1 J C. 10 ⁻¹² J D. 10 ⁻¹⁷ J
2	Vrms =	A. 0.7V B. <div>0.07V</div> C. 0.007V D. 0.75V
3	The electric field created by positive charge is	A. Radially inward B. Zero C. Circular D. Radially outward
4	The magnetic field is uniform and stronger	A. Outside the solenoid B. Inside the solenoid C. At the central part of the solenoid D. None of these
5	Pulsating output of full wave rectifier can be made smooth by using circuit called.	A. Filter B. Amplifier C. Resistor D. Transistor
6	The maximum kinetic energy of emitted photo electrons depends upon.	A. The intensity of incident light B. Frequency of the incident light C. Metal surface D. Both frequency of incident light and metal surface.
7	The temperature of core of nuclear reactor is:	A. 1100°C B. 1200°C C. 1300°C D. 1400°C
8	S.I unit of strength of electric field is	A. J/C B. C/V C. V/C D. N/C
9	The domain theory of magnet is important to explain the behaviour of	A. Diamagnets B. Paramagnets C. Ferromagnets D. All of these
10	In full wave rectification number of diodes required are equal to.	A. 2 B. 3 C. 4 D. 5
11	For electromagnetic waves, Maxwell generalized	A. Gauses law for magnetism B. Gauses law for eletricity C. Fradays law D. Amperes law
12	Which of the following series of hydrogen spectrum lies in ultra violet region.	A. Lyman sereis B. Paschen series C. Balmar series D. Bracket series
13	In current carrying long solenoid the magnetic field produced does note depend upon	A. The radius of solenoid B. Number of turns per unit length C. Current flowing through solenoid D. All of above
14	If the length of solenoid is doubled but N same, B inside the solenoid becomes.	A. Half B. Doubled C. One fourth D. Four times
15	In 'N' type material, the minority charge carriers are.	A. Free electrons B. Holes C. Protons

		D. Mesons
6	Two resistance of 2 Ohm each are connected in parallel combination equivalent resistance will be.	A. 4 Ohm B. 2 Ohm C. 1 Ohm D. 8 Ohm
7	when an inductor comes close to a metallic object, its inductance is.	A. Decreased B. Increased C. Becomes half D. Becomes 4 times
8	A force of 0.01 N is exerted on a charge 1.2 x 10^{-5} C at a certain point. The electric field at that point is	A. 1.2 x 10 ⁴ N/C B. 1.2 x 10 ⁴ C/N C. 8.3 x 10 ² N/C D. 8.3 x 10 ⁻² N/C
9	split rings are used in	A. A.C. generator B. A.C. motor C. Transformer D. D.C. motor
20	The electric potential at a mid point in an electric dipole is.	A. 0 V B. 0.5 V C. 1 V D. 1.5 V