

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Brightness of screen of CRO controlled by	<p>A. Grid B. Filament C. Anode D. Cathode</p>
2	Albert Einstein got noble prize in:	<p>A. 1926 B. 1921 C. 1918 D. 1931</p>
3	The electric field in some region of space is uniform in magnitude and direction. Which one of the following five statements best describes the volume charge density (ρ), in this region of space?	<p>A. $\rho = 0$ B. ρ decreases linearly in the direction of the electric field C. ρ increases linearly in the direction of the electric field D. ρ has a uniform value throughout the region E. </p>
4	If the length and number of turns of a solenoid are doubled strength of magnetic field with.	<p>A. Be doubled B. Become half C. Not change D. Be four time</p>
5	Energy of Black body radiation depends upon	<p>A. Nature of surface of body B. Nature of material of body C. Shape and size of body D. Temperature of the body</p>
6	Which one of the following resistance is used to convert a Galvanometer into an ammeter.	<p>A. High resistance B. Low resistance in series with galvanometer C. Shunt D. High resistance in series with galvanometer</p>
7	A simple device that prevents the direction of current from changing is called.	<p>A. Commutator B. Rotor C. Armature D. Detector</p>
8	In an annihilation emitted photons moves in opposite directions to conserve.	<p>A. Mass B. Charge C. Energy D. Momentum</p>
9	Which one is not present in A.C. generator.	<p>A. Armature B. Magnet C. Slip rings D. Commutator</p>
10	Commutator was invented by:	<p>A. William bills B. William Gates C. William tells D. William Sturgeon</p>
11	Concept of electric field lines was given by:	<p>A. Michelson B. Henry C. Michael faraday D. Oersted</p>
12	When the back emf is zero, its draws.	<p>A. Zero current B. Minimum current C. Maximum current D. Steady current</p>

13	The rest mass x ray photon is	A. Infinite B. Zero C. 1.67×10^{-17} kg D. All of the above
14	The amount of energy equivalent to 1 a.m.u is	A. 931.5 MeV B. 93.15 MeV C. 9.315 MeV D. 2.224 MeV
15	A diode characteristics curve is a plot between	A. Current and resistance B. Voltage and time C. Voltage and current D. Current and time
16	Lenz's law deals with	A. Magnitude of emf B. Direction emf C. Direction of induced current D. Resistance
17	Minimum number of semi conductor diodes required for full wave rectification are.	A. 1 B. 2 C. 3 D. 4
18	The SI unit of stress is same as that of.	A. Pressure B. Force C. Momentum D. Work
19	Balmer series lies in	A. Visible region B. Invisible region C. Ultraviolet region D. Infrared region
20	The device which are required to convert various physical quantities into electric voltage are called.	A. Filters B. Rectifiers C. Amplifiers D. Sensors