

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Step up transformer is used.	A. Step up D.C. voltage B. Step up A.C. voltage C. Step up both A.C and D.C. D. Step up A.C. current
2	The dimensions of Plank's constant is same as that of.	A. Energy B. Power C. Acceleration D. Angular momentum
3	Both Xenon and cesium have	A. 33 isotopes B. 34 Isotopes C. 36 Isotopes D. 35 Isotopes
4	Which is not fundamental logic gate.	A. NOT B. AND C. OR D. NAND
5	Capacitance of a capacitor does not depend upon.	A. Distance between plates B. Area of plates C. Electric field between plates D. Medium between plates
6	With the speed of motor, magnitude of back emf	A. Remain same B. Increase C. Decrease D. First increases then decreases
7	Which one pair belongs to acceptor impurity.	A. Aresincl, phosphorus B. Boron, gallium C. Arsenic, antimony D. Antimony, indium
8	Electric potential at a distance "r" from "q" is:	A. V _r = $1/54\pi\epsilon < \text{sub} > \circ q/r < \text{sub} > 2 B. Vr=1/4\pi\epsilon < \text{sub} > \circ 2 q/r$ C. V _r =1/4 $\pi\epsilon$ _{\circ} 2q/r D. V _r =1/4 $\pi\epsilon$ _{\circ} q ² /r
9	When a wire of length 'l' and resistance R is cut into two equal parts then resistivity of each part.	A. is doubled B. Remains the same C. Is halved D. Is one fourth
10	The sensitivity of galvanometer directly depends upon	A. Magnetic field B. Area of coil C. Both a and b D. None of a, b, c
11	A solid in which there is not regular arrangement of molecules is called.	A. Glassy solid B. <div>Amorphous solid</div> C. Crystalline solid D. Both a and b
12	In frequency modulation which factor changed.	A. Amplitude of charge carriers B. Frequency of charge carriers C. Amplitude of signal D. Frequency of signal
13	For computation of electric flux, the surface area should be.	A. Parallel B. Flat C. Curved D. Spherical
14	The vector sum of electric force and magnetic force is called:	A. Deflecting force B. Lorentz force C. Newton force D. Faraday's force
15	For accurate measurement of current through a circuit, the resistance of ammeter should be	A. Very small B. Very high C. Neither small nor high

		D. None of the above
16	Laser can be made by creating.	A. Meta stable B. Population inversion C. Excited state D. All of these
17	The wavelength associated with the protons moving at speed of 40 m/s is.	A. 7.20 nm B. 9.02 C. 15.7 nm D. 17.3 nm
18	One of the applications of electrostatic induction is	A. Laser B. Photocopier C. X ray machine D. Wilson cloud chamber
19	Which one has greater cone of impurity among all:	A. Emitter B. Base C. Collector D. All are pure
20	Which material should be inserted between the plates of a capacitor in order to increase its capacitance.	A. Copper B. Mica C. Iron D. Tin