

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The unit of impedance is	A. Farad B. Henry C. Tesla D. Ohm
2	Conductors have conductivities of order:	A. $10 < sup > 3 < / sup > (\Omega m) - 1$ B. $10 < sup > 7 < / sup > (\Omega m) < sup > - 1 < / sup > C. 10 < sup > 7 < / sup > \Omega m < sup > - 1 < / sup > D. 10 < sup > - 6 < / sup > \Omega$
3	The SI unit of Stress is:	A. Nm B. Nm ² C. NM ⁻² D. Nm ³
4	At high frequency, the current through a capacitor is	A. Small B. Infinity C. Zero D. Large
5	During each cycle A.C. voltage reaches a peak value.	A. Once B. Twice C. Thrice D. Four time
6	Which of the modulus of elasticity is involved in compressing a rod to decrease its length?	A. Young's modulus B. Bulk modulus C. Modulus of elasticity D. None of these
7	The algebraic sum of potential change in a closed circuit is zero.	A. Kirchhoff's 1st rule B. Kirchhoff 2 nd rule C. Krichoff's 3 rd rule D. Kirchhoff 4 th rule
8	The charge number of Ba is.	A. 197 B. 141 C. 56 D. 85
9	The negative of the potential gradient is	A. Electrostatic force B. Electromotive force C. Potential difference D. Electric field intensity
10	The ratio Beta in transistor is called.	A. Voltage gain B. Emitter gain C. Current gain D. Nuclear gain
11	Disintegration of photon on striking a nucleus into an electron and positron is known as.	A. Annihilation of matter B. Compton effect Pair production Photo electric effect
12	The natural frequency of L.C circuit is equal to	
13	The value of maximum output power is?	A. E/4R B. E ² /4R C. E/4R ² D. Non of above
14	A radio active substance has a half life of four months. 3 -fourth of the substance will decay in:	A. 6 months B. 8 months C. 12 months D. 16 months
15	Heat energy is converted into electrical energy.	A. Solar cells B. thermocouples C. Electric generators D. None of above

16	If a charge body moved against the electric field it will again	A. Potential energyB. K.EC. Mechanical EnergyD. Electric potential energy
17	Current passing through the coil of galvanometer	A. CO/BAN B. CoN/BA C. NAB/CO D. AN/BCO
18	The head produced by the passage of current through a resistor is.	A. H= I ² Rt B. H = IR ² t C. H = 1/Rt D. H = I ² /Rt
19	1 amu is equal to	A. 1.0606 x 10 ⁻²⁷ kg B. 1.66 x 10 ⁻³¹ kg C. 1.66 x 10 ⁻³⁴ kg D. 1.66 x 10 ⁻¹⁹ kg
20	The torque in the coil can be increased by increasing:	A. No. of turns B. Current and magnetic field C. Area of coil D. All of the above