

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Self inductance of a long solenoid is given by	D. None of the above
2	In chopke coil the resistance X_L an resistance R are:	A. $X_{L^2} = R$ B. $X_{L^2} < R$ C. $X_{L^2} > R$ D. $X_{L^2} = \infty$
3	Half life of Uranium -239 is	A. 26.5 minutes B. 24.5 minutes C. 25.5 minutes D. 23.5 minutes
4	Which one is not a crystalline solid.	A. Zinc B. Copper C. Nylon D. None of these
5	The SI unit of stress is same as that of.	A. Pressure B. Force C. Momentum D. Work
6	LDR becomes necessary when op amp is used as a	A. Night switch B. Inverter C. Comparator D. Rectifier
7	A capacitor is perfect in insulator for.	A. Alternating current B. Sparking current C. Eddy current D. Direct current
8	The background radiation to which we are exposed, on the average is.	A. 1 mSv per year B. 2 mSv per year C. 3 mSv per year D. 4 mSv per year
9	The activity of radioactive sample	A. Is constant B. Increases with time C. Decreases linearly with time D. Decreases exponentially with time
10	A light emitting diode emits light only when	A. Reverse biased B. Forward biased C. Unbiased D. None of these
11	Brightness of screen of CRO controlled by	A. Grid B. Filament C. Anode D. Cathode
12	The dead time of G.M tube is.	A. 10^{-1} sec B. 10^{-6} sec C. 10^{-4} sec D. 10^{-8} sec
13	Michael Faraday and Joseph Henry belongs to	A. England and USA B. France and USA C. China and USA D. None of these
14	The SI unit of magnetic permeability is.	A. $\text{WbA}^{-1}\text{m}^{-1}$ B. Wbm^{-2} C. WbmA^{-1} D. WbAm^{-1}
15	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

16	Recently superconductor discovered is at temperature.	A. 110K B. 143K C. 16.3K D. 119K
17	A galvanometer is an electrical instrument used to	A. Measure resistance B. Measure voltage C. Detect passage of current D. None of these
18	The reverse saturation current in a PN junction diode is only due to:	A. Majority carriers B. Minority carriers C. Acceptor ions D. Donor ions
19	In A.C. generator , when plane of coil is perpendicular to magnetic field, then output of generator is.	A. $N\omega AB$ B. $2\pi f$ C. Maximum D. Zero
20	An electric field cannot deflect	A. X-rays B. α -particles C. β -particles D. None of these