

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The unit of Magnetic flux is called.	A. weber B. weber/m ² C. NM ⁻¹ A ⁻¹ D. None of above
2	The toner of printer is given	A. Positive charge B. Negative charge C. Neutral D. First positive then negative
3	Half life of Uranium -239 is	A. 26.5 minutes B. 24.5 minutes C. 25.5 minutes D. 23.5 minutes
4	The materialization of energy take place in the process of.	A. Photo electric effect B. Compton Effect C. Pair production D. Annihilation of matter
5	The only difference between the construction of D.C and A.C is.	A. Carbon brushes B. Coil C. Commutator D. Magnetic field
6	In A.C circuit through a capacitor which one is:	A. Current leads voltage by 90° B. Current lags behind voltage by 90° C. Both will be in phase D. None of above
7	The special theory of relativity based on.	A. One postulate B. Two postulates C. Three postulates D. Four postulates
8	Coulomb's force is:	A. Conservative force B. Non-conservative force C. Similar to frictional force D. None of the above
9	Potentiometer is used to.	A. Compare emf of two cells B. Detect internal resistance of cell C. Measure P.D. D. All of these
10	When the back emf in a current is zero, it draws	A. Zero current B. Maximum current C. Minimum current D. Steady average current
11	By modern system of NAVSTAR, the speed anywhere on the earth can be determined to accuracy about.	A. 20 ms ⁻¹ B. 10 ms ⁻¹ C. 2 cms ⁻¹ D. 2 ms ⁻¹
12	The algebraic sum of potential change in a closed circuit is zero.	A. Kirchhoff's 1st rule B. Kirchhoff 2 nd rule C. Kirchhoff's 3 rd rule D. Kirchhoff 4 th rule
13	In pure capacitor A.C. circuit, the current I and charge q are.	A. In phase B. Out of phase C. Parallel to each other D. None of above
14	If the separation between the plates of a capacitor is doubled then its capacitance become.	A. Double B. Half C. One fourth D. Three times
		A. Circular B. Elliptical C. Parabolic D. Hyperbolic

15 In CRO, the output waveform of time base generator is
B. Square
C. Sinusoidal
D. Saw-toothed

16 In Pakistan the frequency of A.C. supply is.
A. 50 Hz
B. 60 Hz
C. 45 Hz
D. 70 Hz

17 The permeability of free space is measured in
A. wb A/m
B. Am/wb
C. wb/Am
D. m/wbA

18 Curie is unit of.
A. Conductivity
B. Binding energy
C. Radioactivity
D. Resistivity

19 For a current carrying solenoid the term 'n' has unit as.
A. No unit
B. $\text{m}^{<\sup>1</sup>}$
C. $\text{m}^{<\sup>2</sup>}$
D. m^{-3}

20 The idea of laser device was first introduced by C.H. Towners and Authers Schowian is
A. 1972
B. 1965
C. 1958
D. 1913