

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Which particle has larger range in air.	A. Alpha rays B. Gama rays C. Beta rays D. Neutron
2	An electric field cannot deflect	A. X-rays B. α -particles C. β -particles D. None of these
3	In order to increase sensitivity of galvanometer the value of C may be	A. Increase B. Decrease C. Neither increase nor decrease D. Remain same
4	Einstein photoelectric equation is	D. None of these
5	1 tesla =	A. 1 MA m^{-1} B. 1 A m^{-1} C. $1 \text{ A m}^{-1} \text{ m}^{-1}$ D. None of above
6	Photo diode is used for detection of.	A. Heat B. Magnet C. Current D. Light
7	Due to polarization, electric field E.	A. Increase B. Decrease C. First increases then decreases D. Remain same
8	If the medium between the charges is not free space then electrostatic force will be	A. Increase B. Decrease C. Remain same D. None of these
9	The self induction emf is sometimes called.	A. Motional emf B. Constant emf C. Back emf D. Variable emf
10	Two parallel, metal plates are a distance 8.00 m apart. The electric field between the plates is uniform, directed toward the right, and has a magnitude of 4.00 N/C. If an ion of charge $+2e$ is released at rest at the left-hand plate. What is its kinetic energy when it reaches the right-hand plate?	A. 4 eV B. 64 eV C. 32 eV D. 16 eV
11	In Wilson cloud chamber, β -particles leave	A. Thin and continuous tracks B. Thick and continuous tracks C. No tracks D. Thin and discontinuous tracks
12	Which one is not a crystalline solid.	A. Zinc B. Copper C. Nylon D. None of these
13	For ohmic device the graph between V and I is.	A. A straight line B. Curve C. Hyperbola D. Parabola
14	When a nucleus emits an alpha particle, its atomic mass decreases by	A. 1 B. 2 C. 3 D. 4
15	The circuit of full wave rectification consists of	A. Three diodes B. Four diodes C. Two diodes D. One diode
		A. $L^1 T^1 A^1$ B. $MLT^{-2} A^{-1}$

16 The dimensions of magnetic flux are
A. $ML^{-2}T^2A^{-1}$
B. $ML^2T^{-2}A^{-1}$
C. $ML^2T^2A^{-1}$
D. $ML^2T^{-2}A^{-1}$

17 When motor is just started, back emf is almost.
A. Maximum
B. Zero
C. Minimum
D. Infinite

18 Which of the following is one of the spectral series of atomic hydrogen?
A. Brockett series
B. Balmer series
C. P fund series
D. All of above

19 The SI unit of flux density is.
A. $NA^{-1} m^2$
B. $NA^{-1} m^{-1}$
C. $NA m^{-1}$
D. $NA^{-1} m$

20 Question Image