

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The mass spectrum of naturally occurring neon shows the most abundant isotope has atomic mass.	A. 19 B. 20 C. 21 D. 22
2	In case of inductor , energy is stored in the	A. Electric field B. Magnetic field C. Potential field D. Gravitational field
3	Light of 4.5 eV is incident on a Cesium surface and stopping potential is 0.25 eV, maximum K.E. of emitted electron is.	A. 4.5 eV B. 4.25 eV C. 4.75 eV D. 0.25 eV
4	If 10 A current passes through 100 mH inductor, then energy stored is.	A. 100 J B. 5 J C. 20 J D. Zero
5	One weber is equal to:	A. $N \cdot A \cdot m^2$ B. $N \cdot m^2 / A$ C. $N \cdot A / m$ D. $N \cdot m / A$
6	A.C. can be converted into D.C. by	A. An oscillator B. Detector C. An amplifier D. Rectifier
7	The condition for the wheatstone bridge to be balanced is given by	D. None of above
8	The negative of the potential gradient is	A. Electrostatic force B. Electromotive force C. Potential difference D. Electric field intensity
9	The photo copying process is called	A. Xerography B. Inkjet Printer C. Both (a) and (b) D. None of these
10	Base of transistor is of order:	A. $10^{-11} m$ B. $10^6 m$ C. $10^{-8} m$ D. $10^{-6} m$
11	For non-ohmic devices, the graph between V and I is	A. Not a straight line B. A straight line C. A curve D. All of above
12	By emitting Beta particle and gama particle simultaneously the nucleolus changes in its charges by	A. N B. $N/2$ C. $N/4$ D. $3N/4$
13	If the resistance of 500 Ohm have fourth band of silver colour then its upper maximum resistance will be.	A. 600 Ohm B. 550 Ohm C. 450 Ohm D. 400 Ohm
14	Pair production can take place only when energy of radiation is equal and greater than 1.02 MeV, thus correct option is.	A. X rays B. Gama rays C. Heat Radiation D. Ultraviolet rays
15	In gas the charge carriers are:	A. Electrons B. Ions C. Both a & b D. None of above
16	Commutator was invented in	A. 1834 B. 1820 C. 1840

D. 1835

17	The motional emf is give by	A. qvB B. IBL C. eBL D. vBL
18	The temperature of core of nuclear reactor is:	A. 1100°C B. 1200°C C. 1300°C D. 1400°C
19	In A.C circuit of inductor which one is true	A. Voltage leads current by phase angle $\pi/2$ B. Voltage lags current by $\pi/2$ C. Current leads voltage by $\pi/2$ D. Both remain in phase
20	The fact that electric field exist in space around an electrical charge is	A. Electrical property B. Gravitational property C. Intrinsic property of nature D. Extrinsic property of nature
