

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The circuit in which current and voltage are in phase, the power factor is:	A. Zero B. 1 C. -1 D. 2
2	A diode characteristics curve is a plot between	A. Current and resistance B. Voltage and time C. Voltage and current D. Current and time
3	The sensitivity of galvanometer is given by	A. CAN/B B. C/BAN C. BAN/C D. BNCA
4	The mass spectrum of naturally occurring neon shows the most abundant isotope has atomic mass.	A. 19 B. 20 C. 21 D. 22
5	The first atomic reactor was introduced by	A. Currie B. Enrico Fermi C. Newton D. Bohr
6	The quantity time constant RC has units of.	A. Charge B. Time C. Capacitance D. Resistance
7	The SI unit of magnetic permeability is.	A. WbA-1m-1 B. Wbm-2 C. WbmA-1 D. WbAm-1
8	The unit of induced emf is	A. Ampere B. Volt C. Joule/coulomb D. Both (b) and (c)
9	If V_{rms} be the root mean square value of emf then its peak to peak value is given by	
10	The peak value of A.C source is 20 A, then its rms value will be.	A. 14.1 A B. 10 A C. 20 A D. 28.2 A
11	Curie is unit of.	A. Conductivity B. Binding energy C. Radioactivity D. Resistivity
12	The only difference between the construction of D.C and A.C is.	A. Carbon burshes B. Coil C. Commutator D. Magnetic field
13	Energy density of an inductor is:	A. $UM = \frac{1}{2} \mu \frac{B^2}{B^2}$ B. $Um = 2 \mu \frac{B^2}{B}$ C. $UM = \frac{1}{2} B^2 \mu$ D. $Um = 2B^2 \mu$
14	The electric potential at a mid point in an electric dipole is.	A. 0 V B. 0.5 V C. 1 V D. 1.5 V
15	Before and after nuclear reaction the number of protons and neutrons:	A. Must be different B. Must be decreased C. Must be increased D. Remains same

16	The output voltage of a rectifier is.	A. Smooth B. Pulsating C. Alternating D. Per featly direct
17	Boher proposed his atomic model in:	A. 1910 B. 1911 C. 1912 D. 1913
18	The unit of strain is:	A. Nm B. Nm^{-2} C. no unit D. Nm^2
19	If the distance between the two charged bodies is halved, the force between them becomes.	A. Double B. Half C. Four times D. One times
20	Magnetism is related to:	A. Stationary charges B. Moving charges C. Stationary & Movingcharges D. Law of motion