

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Closeness of the electric field lines is the measure of.	A. Direction of fieldB. Strength of fieldC. Potential differenceD. Uniformity of field
2	Donor impurities are	A. Germanium, silicon B. Indium, galium C. Antimony, arsenic D. Diamond, carbon
3	The SI unit of relative permittivity is.	A. Fm-1 B. C2N-1m-2 C. Nm2C-2 D. No unit
4	Heat generated by a 40 W bulb in one hour is.	A. 140 J B. 1440 J C. 14400 J D. 144000 J
5	In an nihilation emitted photons moves in opposite directions to conserve.	A. Mass B. Charge C. Energy D. Momentum
6	The unit of work function is	A. Electron volt B. Ampere C. Volt cell D. Hz
7	NC-1 is the SI unit is	A. Force B. Charge C. Current D. Electric intensity
8	split rings are used in	A. A.C. generator B. A.C. motor C. Transformer D. D.C. motor
9	Which of the following has bulk modulus?	A. Water B. Gas C. Honey D. All
10	In purely resistive A.C circuit, instantaneous value of voltage and current:	 A. Current lags behind voltage B. Current leads voltage by π/2 C. Both are in Phase D. Voltage leads current by Pase θ=π/2
11	Electric power:	A. Vx1 B. V ² x1 C. V/1 D. V/1 ²
12	Reverse current flows due to	A. Majority charge carriersB. Minority charge carriersC. ElectronsD. Holes
13	When a conductor moves across a magnetic field an emf is set up this emf is called.	A. Variable emf B. Constant emf C. Back emf D. Induced emf
14	In A.C circuit of inductor which one is true	 A. Voltage leads current by phase angle π/2 B. Voltage lags current by π/2 C. Current leads voltage by π/2 D. Both remain in phase
		Ае

15	Alpha particle carries a charge.	B. +2e C2e D. No charge
16	The average gap for Germanium at 0K is	A. 1.12 ev B. 0.02 ev C. 6.72 ev D. 7.2 ev
17	The special theory of relativity based on.	A. One postulate B. Two postulates C. Three postulates D. Four postulates
18	If the energy of photon is 10 eV and work function is 5 eV, then the a value of stopping potential will be	A. 50 V B. 2 V C. 5 V D. 15 V
19	The most useful tracer is.	A. Strontium -90 B. lodine -31 C. Cobalt -60 D. Carbon -14
20	The negative sign with induced emf in Faraday's law is in accordance with	A. Lenz's law B. Amperes law C. Boyle's law D. Gauss law