

Physics FSC Part 2 Online MCQ's Test

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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	The position has charge which is in magnitude equal to the charge on	A. Electron B. Proton C. β particle D. All
3	In CRO, the output waveform of time base generator is	A. Circular B. Square C. Sinusoidal D. Saw-toothed
4	Conversion of A.C into D.C is called:	A. Compton effect B. Rectification C. Amplification D. Pair production
5	The unit of temperature co efficient of resistivity is.	A. Ohm -m B. K-1 C. K D. Ohm
6	A substance having the negative temperature co efficient of resistivity out of the following is.	A. Carbon B. Iron C. Tungsten D. Gold
7	The reciprocal of decay construct lamda of a radioactive element is.	A. Half life B. Mean life C. Curie D. total life
8	The product of resistance and conductance is	A. 1 B. Resistivity C. Conductance D. Zero
9	With the speed of motor, magnitude of back emf	A. Remain same B. Increase C. Decrease D. First increases then decreases
10	In 'N' type material, the minority charge carriers are.	A. Free electrons B. Holes C. Protons D. Mesons
11	A battery move a charge of 40 C around a circuit at constant rate in 20 Sec. The current will be.	A. 2 A B. 0.5 A C. 80 A D. 800 A
12	The SI unit of decay constant is	A. m B. m ⁻¹ C. S ⁻¹ D. Nm ⁻¹
13	A battery is used in	A. ohmmeter B. Ammeter C. Galvanometer D. Voltemeter
14	The particles which do not experience strong force are called.	A. Baryons B. Hadrons C. Mesons D. Laptons
		A. Impedance

15	The combined effect of resistance and reactance in circuit is called:	B. Inductance C. Capacitance D. None of above
16	Rutherford performed on experiment on a nuclear reaction in:	A. 1921 B. 1981 C. 1927 D. 1932
17	The rest mass x ray photon is	A. Infinite B. Zero C. 1.67 X ⁻¹⁷ kg D. All of the above
18	To convert a galvanometer into an ammeter, we connect with it a	A. Shunt resistanceB. Low value parallelC. Low value by pass resistorD. All of above
19	At high frequency, the current through a capacitor is	A. Small B. Infinity C. Zero D. Large
20	Mutual induction has a practical role in the performance of the.	A. Radio choke B. Transformers C. A.C. Generator D. D.C. Generator