

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Which component of the transistor has greater contrition of impurity.	A. Base B. Emitter C. Collector D. Emitter and collector
2	Which one of the following is crystalline solid.	A. Zirconia B. Glassy solid C. Natural rubber D. Poly strene
3	Unit of decay constantλ is:	A. ms B. m ⁻¹ C. m D. S ⁻¹
4	An ideal current source shall have resistance	A. Zero B. Finite but not zero C. Infinite D. Depend upon requirement
5	When 10 V are applied to an A.C circuit, the current flowing in it is 100 mA. It impedance is.	A. 100 Ohm B. 10 Ohm C. 1000 Ohm D. 1 Ohm
6	Which one is not a ductile material	A. Lead B. Steel C. Copper D. Wrought Iron
7	All motions are	A. Absolute B. Uniform C. Relative D. Variable
8	One joule is equal to.	A. 1.6 x 10 ¹⁹ eV B. 1.6 x 10 ⁻¹⁹ eV C. 6.25 x 10 ⁻¹⁸ eV D. 6.25 x 10 ¹⁸ eV
9	Thermistor with high - ve temperature coefficient are very accurate for measuring low temperature especially near is.	A. 10 kelvin B. 70 kelvin C. 200 kelvin D. 35 kelvin
10	Various types of cancer are treated by	A. Carbon -14 B. Nickel -63 C. Cobalt -60 D. Strontium -90
11	Which one of the following resistance is used to convert a Galvanometer into an ammeter.	A. High resistance B. Low resistance in series with galvanometer C. Shunt D. High resistance in series with galvanometer
12	The Lenz's law fulfils.	A. Law of conservation of energy B. Law of conservation of charge C. Law of conservation of momentum D. Kirchhoff's law
13	Useful device to measure resistance, current and voltage is an electronic instrument called.	A. Volt meter B. Ammeter C. Ohmmeter D. Digital Multimeter
14	First spectral series of hydrogen atom was discovered by	A. Lyman B. Rydberg C. Balmer D. Paschen
15	Unit of decay constantλ is:	A. ms B. m ⁻¹ C. m

		D. S ⁻¹
16	The charge number of Ba is.	A. 197 B. 141 C. 56 D. 85
17	Charge on positron is:	A. Negative B. Positive C. Netural D. None of these
18	A step up transformer is used 120 V line to provide 240 V. If primary coil has 100 turns the number of turns is secondary is.	A. 50 B. 100 C. 150 D. 200
19	Transformer is used to change	A. Electric power B. Magnetic field C. Alternating voltage D. Phase of A.C.
20	The wavelength associated with the protons moving at speed of 40 m/s is.	A. 7.20 nm B. 9.02 C. 15.7 nm D. 17.3 nm