

## Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	If there is no fourth band, tolerance is shows as	D. 10%
2	The output voltage of a rectifier is.	A. Smooth B. Pulsating C. Alternating D. Per featly direct
3	The critical temperature of mercury is.	A. 1.18 K B. 4.2 K C. 3.72 K D. 7.2 K
4	Charge on an electron was determined by	A. Ampere B. Millikan C. Maxwell D. Bohr
5	If an electron is prijected in a magnetic field with velocity V, it will experience a force	
6	Doping is made comparatively larger in	A. Emitter B. Base C. Collector D. P -type semi conductor
7	If both the length and radius of the rod are doubled, then the modulus of elasticity will:	A. Increase B. Decrease C. Remains the same D. Doubled
8	Compton shift is maximum for scattering angle of photon	A. 0 <sup>o</sup> B. 90 <sup>o</sup> C. 180 <sup>o</sup> D. 45 <sup>o</sup>
9	The mass of an object will be doubled at speed.	A. 2.6 x 10 <sup>8</sup> m/s B. 1.6 x 10 <sup>8 </sup> m/s C. 2.6 x 10 <sup>7 </sup> m/s D. 3.6 x 10 <sup>7</sup> m/s
10	The dimensions of magnetic flux are	A. M <sup>1</sup> L <sup>- 2</sup> T <sup>1</sup> A <sup>1</sup> B. MLT <sup>-2</sup> A <sup>-1</sup> C. ML <sup>2</sup> T <sup>2</sup> A <sup>- 1</sup> D. ML <sup>2</sup> T <sup>- 2</sup> T <sup>- 2</sup> A <sup>- 3</sup>
11	Which of the following is similar to electron.	A. Beta particle B. Alpha particle C. Neutron D. Proton
12	The fraction change in resistance per Kelvin is known as:	A. Temperature coefficient of Resistance B. Coefficient of voltage of change C. Thermal  expansion D. All of the above
13	Which particle has larger range in air.	A. Alpha rays B. Gama rays C. Beta rays D. Neutron
14	Which one has greater cone of impurity among all:	A. Emitter B. Base C. Collector D. All are pure
15	The numerical value of Compton wavelength is equal to	A. 3.43 x 10 <sup>-12</sup> m B. 1.43 x 10 <sup>-12</sup> m C. 2.43 x 10 <sup>-12</sup> m D. 0.43 x 10 <sup>-12</sup> m
		A. It is very high power

16	The main reason for world wide use of A.C is because:	B. It can be transmitted over long distance     C. It is cheaper to use     D. ALI of above
17	If a low resistance is connected parallel to a galvanometer then galvanometer is converted.	A. Ammeter B. Voltammeter C. Ohmmeter D. Multimeter
18	Thermosouple is an arrangement of two different metals:	A. Two convert heat energy into electrical energy     B. To produce more heat     C. To convert heat energy into chemical energy     D. To convert electrical energy into heat energy
19	is the building block of every electronic circuit.	A. Semi conductor diode B. Resistor C. Capacitor D. Amplifier
20	In Compton effect the photon behaves as a.	A. Wave B. Particle C. Nucleon D. Both a and b