

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Pair production can take place only when energy of radiation is equal and greater than 1.02 MeV, thus correct option is.	A. X rays B. Gama rays C. Heat Radiation D. Ultraviolet rays
2	Light of 4.5 eV is incident on a Cesium surface and stopping potential is 0.25 eV, maximum K.E. of emitted electron is.	A. 4.5 eV B. 4.25 eV C. 4.75 eV D. 0.25 eV
3	The energy of the photon of wavelength 500 nm is.	A. 3.10 eV B. 2.49 eV C. 1.77 eV D. 1.52 eV
4	The stopping potential for a certain metal is 10 volts. Thus work function for the cathode is.	A. 10 J B. 1.6×10^{-18} J C. 1.6×10^{-19} J D. 1.6×10^{-30} J
5	Number of electros emitted in photo electric effect depend upon.	A. Intensity of incident light B. Frequency of incident light C. Energy of incident light D. Wavelength of incident of light
6	Einstein was awarded Nobel prize in physics in	A. 1905 B. 1911 C. 1918 D. 1921
7	By modern system of NAVSTAR, the speed any where on the earth can be determined to accuracy about.	A. 20 ms ⁻¹ B. 10 ms ⁻¹ C. 2 cms ⁻¹ D. 2 ms ⁻¹
8	1 kg mass will be equivalent to energy.	A. 9×10^8 J B. 9×10^{12} J C. 9×10^{16} J D. 9×10^{19} J
9	The special theory of relativity based on.	A. One postulate B. Two postulates C. Three postulates D. Four postulates
10	The mass of an object will be doubled at speed.	A. 2.6×10^8 m/s B. 1.6×10^8 m/s C. 2.6×10^7 m/s D. 3.6×10^7 m/s
11	Earth orbital speed is.	A. 10 km/s B. 20 km/s C. 30 km/s D. 40 km/s
12	If an object moves with speed of light, its mass will be.	A. Zero B. Maximum C. Minimum D. infinity
13	In 1905, the special theory of relativity was proposed by	A. Einstein B. Bohr C. Maxwell D. De Broglie
14	Internal frame is a frame is which	A. 1st law holds B. 2nd law holds C. 3rd law holds D. Kelvin's law holds
15	All motions are	A. Absolute B. Uniform C. Relative D. Variable

16	Using relativistic effects the location of an air craft after an hour fight can be predicated about	A. 20 m B. 50 m C. 760 m D. 780 m
17	The device which are required to convert various physical quantities into electric voltage are called.	A. Filters B. Rectifiers C. Amplifiers D. Sensors