Physics FSC Part 2 Chapter 19 Online MCQ's Test

Sr	Questions	Answers Choice
1	The unit of work function is	A. Electron volt B. Ampere C. Volt cell D. Hz
2	A positron is an anti particle of.	A. Proton B. Electron C. Neutron D. Photon
3	The existence of positron was discovered in:	A. 1929 B. 1928 C. 1931 D. 1933
4	Minimum energy needed to escape an electron ofrm metal surface is called:	A. Threshold energy B. Threshold frequency C. Work function D. Work ability
5	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
6	Joule second is the unit of.	A. Energy B. Wein's constant C. Planck's constant D. Boyle's law
7	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
8	The most refined form of matter is:	A. Smoke B. Light C. Ice D. Fog
9	The photon with energy greater than 1.02 MeV can interact with matter as.	A. Photoelectric effect B. Compton effect C. Pair production D. annihilation of matter
10	The existence of positron in 1928 was predicted by	A. Anderson B. Dirac C. Chadwick D. Plank
11	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
12	The photoelectric effect predicts that light is made of	A. Photons B. Neutrons C. Protons D. None of these
13	Einstein was awarded Nobel prize in physics in	A. 1905 B. 1911 C. 1918 D. 1921
14	The minimum energy required for occurrence of pair production is:	A. 1.022eV B. 1.02keV C. 1.02Me.V D. 1.04MeV
15	The principle regarding the dual nature of light was first discovered by	A. Heisenberg B. Compton C. J.J.Thomson D. De-Broglie

16	A block body is an ideal:	A. Absorber B. Radiator C. Both a & b D. None of above
17	When the K.E. of photoelectric is zero, the frequency of incident photon is.	A. Less than B. greater than C. Equal to D. Much greater
18	Wave nature of light appears in	A. Pair production B. Compton effect C. Photo electric D. Interference
19	The special theory of relativity based on.	A. One postulate B. Two postulates C. Three postulates D. Four postulates
20	1 kg mass will be equivalent to energy.	A. 9 x 10⁸ J B. 9 X 10¹² J C. 9 X 10¹⁶ J D. 9 X 10¹⁹ J