Physics FSC Part 2 Chapter 19 Online MCQ's Test

Sr	Questions	Answers Choice
1	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
2	The energy of photon is givne by	A. mv2/2 B. hf C. Va e D. mac¹
3	Einstein photoelectric equation is	D. None of these
4	In Compton scatting, the value of shift is equal to Compton's wavelength, when X-rays is scattered at the angle of.	A. 90^oC B. Zero C. 120^oC D. 45^oC
5	The Compton effect is associated with	A. X-rays B. y-rays C. Positive rays D. ß-rays
6	The position has charge which is in magnitude equal to the charge on	A. Electron B. Proton C. β particle D. All
7	Wave nature of light appears in	A. Pair production B. Compton effect C. Photo electric D. Interference
8	Who explained the photo electric effect.	A. Max Plank B. Einstein C. Henry D. Rutherford
9	Wave nature of particle was given by:	A. Clemensen B. Louis de Broglie C. Laster H. Germer D. Clinton S. Davisson
10	De-Broglie waves are associated with	A. Moving charged particles only B. Moving neutral particles only C. All moving particles D. All parties whether in motion or at rest
11	The mass of an object will be doubled at speed.	A. 2.6 x 10⁸ m/s B. 1.6 x 10⁸m/s C. 2.6 x 10⁷m/s D. 3.6 x 10⁷ m/s
12	The materialization of energy take place in the process of.	A. Photo electric effect B. Compton Effect C. Pair production D. Annihilationof matter
13	Albert Einstein got noble prize in:	A. 1926 B. 1921 C. 1918 D. 1931
14	The most refined form of matter is:	A. Smoke B. Light C. Ice D. Fog
15	The special theory of relativity based on.	A. One postulate B. Two postulates C. Three postulates

		D. Four postulates
16	A perfect absorber must also be perfect	A. Cavity B. Sources of radiation C. Radiator D. None of these
17	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
18	Minimum energy needed to escape an electron ofrm metal surface is called:	A. Threshold energy B. Threshold frequency C. Work function D. Work ability
19	Antiparticle of electron is.	A. proton B. Photon C. Positron D. Neutron
20	Anti particle of electron is	A. Proton B. Photon C. Neutron D. Positron