Physics FSC Part 2 Chapter 19 Online MCQ's Test

Sr	Questions	Answers Choice
1	The most refined form of matter is:	A. Smoke B. Light C. Ice D. Fog
2	In an nihilation emitted photons moves in opposite directions to conserve.	A. Mass B. Charge C. Energy D. Momentum
3	If the kinetic energy of a free electron doubles, its de Broglie wavelength changes by the factor.	A. √2 B. 1/√2 C. 2 D. 1/2
4	Photodiode is used for wave nature of.	A. Light B. Thermal radiation C. Radi waves D. Sound waves
5	Photo electrons are emitted y using visible light when the metal is.	A. sodium B. Copper C. Nicked D. Cobalt
6	Unit of Stephen's constant is	A. W m K⁻² B. W m⁻² K⁻⁴ C. W m K⁻⁴ D. None
7	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
8	Anti particle of electron is	A. Proton B. Photon C. Neutron D. Positron
9	Which is the most refined form of matter.	A. Smoke B. Fog C. Light D. Electron
10	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
11	Earth orbital speed is.	A. 10 km/s B. 20 km/s C. 30 km/s D. 40 km/s
12	Max planck received noble prize in:	A. 1927 B. 1932 C. 1918 D. 1914
13	Pair production occurs only when energy of photon is at least equal in:	A. 1.02keV B. 1.02 eV C. 1.02 MeV D. 1.02 GeV

14	The maximum kinetic energy of emitted photo electrons depends upon.	A. The intensity of incident light B. Frequency of the incident light C. Metal surface D. Both frequency of incident light and metal surface.
15	When platinum is heated is become dull red at:	A. 900°C B. 500°C C. 800°C D. 1100°C
16	Application of wave like nature of particle is	A. Photodiode B. Optical microscope C. Electron microscope D. Compound microscope
17	Antiparticle of electron is.	A. proton B. Photon C. Positron D. Neutron
18	In Compton effect the photon behaves as a.	A. Wave B. Particle C. Nucleon D. Both a and b
19	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
20	The Compton effect is associated with	A. X-rays B. y-rays C. Positive rays D. ß-rays