

Physics ICS Part 2 Chapter 19 Online MCQ's Test

Sr	Questions	Answers Choice
1	In anihilation emitted photons moves in opposite directions to conserve.	A. Mass B. Charge C. Energy D. Momentum
2	The unit of Plank's constant 'h' is.	A. JC B. J/C C. JS D. J/S
3	Earth orbital speed is.	A. 10 km/s B. 20 km/s C. 30 km/s D. 40 km/s
4	An electron microscope employs which to one of the following particles?	A. Electron have a wave nature B. Electrons can be focused by an electric field C. Electrons can be focused by a magnetic field D. All of the above
5	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
6	The existence of positron in 1928 was predicted by	A. Anderson B. Dirac C. Chadwick D. Plank
7	Compton shift is maximum for scattering angle of photon	A. 0° B. 90° C. 180° D. 45°
8	The principle regarding the dual nature of light was first discovered by	A. Heisenberg B. Compton C. J.J.Thomson D. De-Broglie
9	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
10	The physical quantity related to photon, that does not change in Compton scattering is.	A. Energy B. Speed C. Frequency D. Wavelength
11	By modern system of NAVSTAR, the speed anywhere 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
12	The concept of direction is purely	A. Relative B. Absolute C. Relative to the motion D. None of these
13	When platinum is heated it becomes orange at	A. 500°C B. 900°C C. 1100°C D. 1300°C
14	A perfect absorber must also be perfect	A. Cavity B. Sources of radiation C. Radiator D. None of these
		A. Absorber

15	A black body is an ideal:	B. Radiator C. Both a & b D. None of above
16	Albert Einstein got noble prize for service in:	A. Pair production B. Annihilation of matter theory C. Compton effect D. Photoelectric effect
17	Who explained the photo electric effect.	A. Max Plank B. Einstein C. Henry D. Rutherford
18	Compton's effect is associated with	A. gamma rays B. Beta rays C. X rays D. Positive rays
19	Albert Einstein got noble prize in:	A. 1926 B. 1921 C. 1918 D. 1931
20	When a very high energy modeules such as γ radiation interact with matter, the phenomenon arising will be.	A. Photoelectric effect B. Compton effect C. Pair production D. Annihilation of matter