

Physics ICS Part 2 Chapter 19 Online MCQ's Test

Sr	Questions	Answers Choice
1	In an nihilation 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 miroscope employs which to one of the following particles?	A. Electron ahve 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 particles 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 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}
12	The concept of direction is purely	A. Relative B. Absolute C. Relative to the motion D. None of these
13	When platinum is 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 block 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