

## Physics ICS Part 2 Chapter 19 Online MCQ's Test

Sr	Questions	Answers Choice
1	When platinum wire is heated, it changes to cherry red at temperature.	A. 500 <sup>o</sup> C B. 900 <sup>o</sup> C C. 1100 <sup>o</sup> C D. 1300 <sup>o</sup> C
2	Light of 4.5 eV is incident on a Cesium surface and stopping potential is 0.25 eV, maximum K.E. of emitted electron is.	A. 4.5 eV B. 4.25 eV C. 4.75 eV D. 0.25 eV
3	Question Image	A. Wien's constant B. Planck's constant C. Davison constant D. Lumber's constant
4	The dimensions of Plank's constant is same as that of.	A. Energy B. Power C. Acceleration D. Angular momentum
5	The mass of an object will be doubled at speed.	A. $2.6 \times 10^8$ m/s B. $1.6 \times 10^8$ m/s C. $2.6 \times 10^7$ m/s D. $3.6 \times 10^7$ m/s
6	1 kg mass will be equivalent to energy.	A. $9 \times 10^8$ J B. $9 \times 10^{12}$ J C. $9 \times 10^{16}$ J D. $9 \times 10^{19}$ J
7	The minimum energy required for occurrence of pair production is:	A. 1.022eV B. 1.02keV C. 1.02MeV D. 1.04MeV
8	The concept of direction is purely	A. Relative B. Absolute C. Relative to the motion D. None of these
9	All motions are	A. Absolute B. Uniform C. Relative D. Variable
10	In Compton effect the photon behaves as a.	A. Wave B. Particle C. Nucleon D. Both a and b
11	The unit for Plank's constant is:	A. Js <sup>-1</sup> B. Jm C. Js D. Jm <sup>2</sup>
12	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
13	Antiparticle of electron is.	A. proton B. Photon C. Positron D. Neutron
14	Photodiode is used for wave nature of.	A. Light B. Thermal radiation C. Radi waves D. Sound waves
15	Albert Einstein got noble prize in:	A. 1926 B. 1921 C. 1918 D. 1931

16	Albert Einstein got noble prize for service in:	A. Pair production B. Annihilation of matter theory C. Compton effect D. Photoelectric effect
17	A block body is an ideal:	A. Absorber B. Radiator C. Both a & b D. None of above
18	Which is the most refined form of matter.	A. Smoke B. Fog C. Light D. Electron
19	Einstein photoelectric equation is	D. None of these
20	Who explained the photo electric effect.	A. Max Plank B. Einstein C. Henry D. Rutherford