Physics ICS Part 2 Chapter 19 Online MCQ's Test

Sr	Questions	Answers Choice
1	Einstein was awarded Nobel prize in physics in	A. 1905 B. 1911 C. 1918 D. 1921
2	When platinum is it becomes orange at	A. 500^oC B. 900^oC C. 1100^oC D. 1300^oC
3	Pair production cannto take place in vacuum because :	A. Mass in not conserved B. Momentum is not conserved C. Energy is not conserved D. Charge is not conserved
4	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
5	The special theory of relativity based on.	A. One postulate B. Two postulates C. Three postulates D. Four postulates
6	Using relativistic effects the location of an air craft after an hour fight can be predicated about	A. 20 m B. 50 m C. 760 m D. 780 m
7	The principle regarding the dual nature of light was first discovered by	A. Heisenberg B. Compton C. J.J.Thomson D. De-Broglie
8	The most refined form of matter is:	A. Smoke B. Light C. Ice D. Fog
9	The materialization of energy take place in the process of.	A. Photo electric effect B. Compton Effect C. Pair production D. Annihilationof matter
10	Platinum wire becomes white at a temperature of.	A. 1600^oC B. 1300^oC C. 1100^oC D. 900^oC
11	Joule second is the unit of.	A. Energy B. Wein's constant C. Planck's constant D. Boyle's law
12	The stopping potential for a certain metal is 10 volts. Thus work function for the cathode is.	A. 10 J B. 1.6 X 10⁻¹⁸ J C. 1.6 X 10⁻¹⁹ J D. 1.6 X 10³⁰ J
13	When platinum is it becomes orange at.	A. 500^oC B. 900^oC C. 1100^oC D. 1300^oC
14	The unit of work function is	A. Electron volt B. Ampere C. Volt cell D. Hz
15	The value of Stefan is constant is:	A. 4.57 x 10⁻⁸ m²k² B. 5.67 x10⁻⁸ wm⁻²k⁻⁴

		C. 6.67x 10⁻¹¹ wm²k⁴ D. 7.45 x 10⁻⁹ m² wk³
16	A perfect absorber must also be perfect	A. Cavity B. Sources of radiation C. Radiator D. None of these
17	Potassium Cathodes in photocell emit electrons for a light.	A. Visible B. Infra red C. Ultra violet D. X rays
18	Energy of Black body radiation depends upon	A. Nature of surface of body B. Nature of material of body C. Shape and size of body D. Temperature of the body
19	Pair production can take place only when energy of radiation is equal and greater than 1.02 MeV, thus correct option is.	A. X rays B. Gama rays C. Heat Radiation D. Ultraviolet rays
20	In the equation if f_2 > then	