Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The temperature of core of nuclear reactor is:	A. 1100°C B. 1200°C C. 1300°C D. 1400°C
2	The typical nuclei are less than:	A. 10⁻¹⁶m B. 10⁻¹⁴m C. 10⁻¹²m D. 10⁻¹⁰m
3	The velocity of electron moving is 1st orbit of hydrogen atom is:	A. 2.09 x 10⁶ ms⁻¹ B. 2.18 x10⁶ ms⁻¹ C. 2.19 x 10⁶ ms⁻¹ D. 3.18 x10⁶ ms⁻¹
4	The radius of hydrogen atom is:	A. 0.53A° B. 0.053A° C. 0.53 x 10⁻⁹ D. 0.053 x10⁻⁹
5	The series in infrared region is:	A. Paschen series B. Bracket series C. Pfund series D. All of above
6	The series in visible region is:	A. Balmer series B. Pfund series C. Paschen series D. None of above
7	The value of Rydberg constant is:	A. 1.0749x10⁷m⁻¹ B. 1.0974 x 10⁷ m⁻¹ C. 1.974 x10⁶m⁻¹ D. 1.0974 x 10⁻⁷ m⁻¹
8	The first spectral lines were discovered in 1885, were	A. Paschen series B. Balmer series C. Pfund series D. Bracket series
9	Black Body radiation spectrum is an example of:	A. Atomic spectra B. Line spectra C. Continuous spectra D. None of above
10	Wave nature of particle was given by:	A. Clemensen B. Louis de Broglie C. Laster H. Germer D. Clinton S. Davisson
11	The most refined form of matter is:	A. Smoke B. Light C. Ice D. Fog
12	The existence of positron was discovered in:	A. 1929 B. 1928 C. 1931 D. 1933
13	The converses of annihilation of matter is:	A. Photoelectric effect B. Relativistic effect C. Pair production D. Compton effect
14	The minimum energy required for occurrence of pair production is:	A. 1.022eV B. 1.02keV

		C. 1.02Me.V D. 1.04MeV
15	When a very high energy modeules such as y radiation interact with matter, the phenomenon arising will be.	A. Photoelectric effect B. Compton effect C. Pair production D. Annihilation of matter
16	Albert Einstein got noble prize in:	A. 1926 B. 1921 C. 1918 D. 1931
17	Albert Einstein got noble prize for service in:	A. Pair production B. Annihilation of matter theory C. Compton effect D. Photoelectric effect