Physics ICS Part 2 Chapter 20 Online MCQ's Test

Sr	Questions	Answers Choice
1	In an electronic transition atom cannot emit.	A. Infrared radiations B. Visible radiations C. Ultraviolet radiations D. Gama radiations
2	Production of x rays is reverse process of	A. Photo electric effect B. Compton effect C. An nihilation D. Pair production
3	The first theory about the structure of an atom was introduced by	A. Neil Bohr B. Einstein C. Compton D. Rutherford
4	Laser is a beam of light which is	A. Monochromatic B. Coherent C. Unidirectional D. All of these
5	The Balmer series is obtained when all the transition of electrons terminate on	A. 1st orbit B. 2nd orbit C. 3rd orbit D. 4th orbit
6	The unit of Rh is.	A. ms-1 B. m C. m² D. m⁻¹
7	The following gas was identified in the sun using spectroscopy	A. Hydrogen B. Helium C. Carbon D. Nitrogen
8	1 rem =	A. 0.001 SV B. 0.01 SV C. 0.1 SV D. 1.01 SV
9	For Paschen series, the value of 'n' starts from	A. 2 B. 4 C. 6 D. 8
10	If the ionization energy of hydrogen atom is 13.6 eV, its ionization potential will be	A. 136.0 volt B. 3.0 volt C. 13.6 volt D. None of these
11	A° is the unit of:	A. Energy B. Length C. Nuclear energy D. Work
12	The first spectral lines were discovered in 1885, were	A. Paschen series B. Balmer series C. Pfund series D. Bracket series
13	The temperature of core of nuclear reactor is:	A. 1100°C B. 1200°C C. 1300°C D. 1400°C
14	The shortest wave length is Bracket series has wave length.	A. 16/Rn B. Rn/16 C. 16 Rn D. 4 Rn
15	The idea of laser device was first introduced by C.H. Towners and Authers Schowlan is	A. 1972 B. 1965 C. 1958 D. 1913

16	For Holography we use	A. X ray B. Laser C. gama rays D. Beta rays
17	1 rad =	A. 0.001Gy B. 0.01Gy C. 0.1Gy D. 1.01Gy
18	In Helium Neon laser, discharge tube is filled with Neon gas.	A. 10% B. 15% C. 85% D. 90%
19	Hydrogen atom spectrum does not lie in	A. Ultraviolet region B. Visible region C. Infrared region D. X ray region
20	Reflecting mirrors in laser is used to	A. Further stimulation B. For producing more energetic lasers C. Both (a) and (b) D. None of these