Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The SI unit of decay constant is	A. m B. m⁻¹ C. S⁻¹ D. Nm⁻¹
2	The radioactive decay obeys the law	
3	Radioactivity happen due to the disintegration of	A. Nucleus B. Mass C. Electrons D. Protons
4	1 amu is equal to	A. 1.0606 x 10⁻²⁷ kg B. 1.66 x 10⁻³¹ kg C. 1.66 x 10⁻³⁴ kg D. 1.66 x 10⁻¹⁹ kg
5	The early Greeks believed that matter waves was	A. Discrete B. Continuous C. Both continuous and discrete D. All of above
6	Charge on an electron was determined by	A. Ampere B. Millikan C. Maxwell D. Bohr
7	The idea of laser device was first introduced by C.H. Towners and Authers Schowlan is	A. 1972 B. 1965 C. 1958 D. 1913
8	Helium-Neon laser discharge tube contains neon	A. 82% B. 15% C. 25% D. 85%
9	Life time of metastable states is	A. 10⁻⁶ sec or more B. 10⁻³ sec or more C. 10⁻⁵ sec or more D. None of these
10	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
11	The process by which lesser beam can be used to generate 3-dimensional images of objects is called	A. Holography B. Geo graphy C. Tomography D. Radio graphy
12	An atom can reside in excited state for	A. 10⁻⁸ second B. One second C. 10⁻¹⁰ second D. More than one second
13	The X-rays diffraction with crystal was first studied by	A. W.H Bragg B. W.L. Bragg C. Michelson D. None of these
14	X-rays were discovered by	A. Curie B. Henry Becquerel C. Rontgen D. None of these
15	The 1st Bohr atom in the hydrogen atom has radius	A. 3.56 x 10⁻¹⁰ m B. 0.053 x 10⁻¹¹ m C. 0.53 x 10⁻¹¹ m D. 5.30 x 10⁻¹¹ m
		A. 136.0 volt

16	If the ionization energy of hydrogen atom is 13.6 eV, its ionization potential will be	B. 3.0 volt C. 13.6 volt D. None of these
17	Which of the following is one of the spectral series of atomic hydrogen?	A. Brockett series B. Balmer series C. P fund series D. All of above