Chemistry Fsc Part 1 Online Test

Sr	Questions	Answers Choice
1	Which electron traveled more distance, when jump from	A. n1 to n2 B. n2 ato n3 C. n3 to n2 D. n3 to n4
2	If the electron in a hydrogen atom drops from n = 6 to n =4 level, the radiation emitted is in which series of lines in the spectrum of atomic hydrogen.	A. Lyman B. Balmer C. Paschen D. Brackett
3	As the quantum number n increases, the energy difference between adjacent energy level.	A. Increase B. Remain same C. Decrease D. No correlation
4	Lyman series lie in	A. Ultraviolet region B. Visible region C. Infrared region D. Radio waves region
5	Transition from various energy levels to the lowest energy level gives.	A. Lyman series B. Balmer series C. Panchen sereis D. Pfund series
6	The value of Rydberg constant is.	A. 1.6 x 10⁷ m-1 B. 1.9768 x 10⁷ m-1 C. 1.09678 x 10⁷ m-1 D. 1.7904 x 10⁷ m-1
7	In which de excitation of electron of hydrogen atom maximum energy is relaeased.	A. From n2 to n1 B. From n3 to n2 C. From na to n1 D. From na to n2
8	Energy and wavelength of a photon are related as.	A. Direct B. In direct C. No correlation D. Inverse under root
9	Which of the following wave properties is inversely proportional to the energy for electromagnetic radiations	A. Frequency B. Wave number C. Velocity D. Wave length
10	Which one of the following relationship is correct about energy and frequency.	A. E = hv B. E = h/v C. E = v/h D. h = v/E
11	The Rutherford experiment of using a stream of alpha particles on a piece of gold foil proved that.	A. The atom was a solid sphere B. The atom had electron C. The atom had neutrons D. The atom had a great empty space in it
12	Which is not decay product of free neutron	A. Proton B. Electron C. Neutron D. Antineutrino
13	Which one of the following has the same number of electrons as an alpha particle.	A. H B. He C. H+ D. Li+
14	The mass of alpha particle is equal to.	A. Four times the mass of one proton B. That of one hydrogen atom C. That of one electron D. That of one proton
15	Cathode rays cast shadow when an opaque object is placed in their path. This behavior of cathode rays show that.	A. They move is straight line B. They are negatively charge C. They possess momentum

		D. They are energetic
16	Which gas has highest e/m ratio	A. Hydrogen B. Helium C. Nitrogen D. Oxygen
17	Which particle has a mass 1/1836 time, that of hydrogen.	A. Proton B. Positron C. Electron D. Neutron