

NAT I Medical Chemistry

Sr	Questions	Answers Choice
1	Among the alkaline earth metals the element forming predominantly covalent compounds is	A. Be B. Mg C. Sr D. Calcium
2	Hydrogen chloride molecule contains	A. Covalent bond B. Double bond C. Co-ordinate bond D. Electrovalent bond
3	Water (H_2O) is liquid while hydrogen sulphide (H_2S) is a gas because	A. Water has higher molecular weight B. Hydrogen sulphide is a weak acid C. Sulphur has high electronegativity than oxygen D. Water molecules associate through hydrogen bonding.
4	The valence orbital configuration of an element with atomic number 23 is	A. $3d^5$ B. $3d^3, 4s^2$ C. $3d^3, 4s^1$ D. $3d^2, 4s^2, 4p^1$
5	Which quantum number is sufficient to describe the electron in hydrogen atom?	A. / B. n C. m D. s
6	When electrons revolve in stationary orbits	A. There is no change in energy level B. They become stationary C. They are gaining kinetic energy D. There is increase in energy
7	The symbol of the element whose atoms have the outer most electronic configuration $2s^2 2p^3$ is	A. N B. Li C. P D. Na
8	The number of electrons in the M shell of the element with number 24 is	A. 24 B. 12 C. 13 D. 8