NAT I Medical Chemistry

Sr	Questions	Answers Choice
1	In a crystal a ≠ b ≠ c, a = γ = 90° and β ≠ 90°, it is	A. Monoclinic B. Rhombic C. Trigonal D. Tetragonal
2	Bragg's law is given by equation	A. $n \lambda = 2\theta \sin\theta$ B. $n\lambda = 2d \sin\theta$ C. $2n\lambda = d \sin\theta$ D. $n\lambda = 1/2 \, d \sin\theta$
3	In crystal structure of sodium chloride the arrangement of Cl^- ions is	A. Fee B. Both fee and bcc C. Bee D. None of these
4	Crystal can be classified in to basic crystal habits	A. 7 B. 4 C. 14 D. 3
5	Ionic solids with defects contain	A. Equal number of cation and anion vacancies B. Interstitial anions and anion vacancies C. Cation vacancies only D. Cation vacancies and interstitial cations
6	Which of the following is an example of body centred cube?	A. Magnesium B. Zinc C. Copper D. Sodium
7	The total pressure exerted by a number of non reacting gases is equal to the sum of partial pressure of the gases under the same conditions is known as	A. Boyle's law B. Charle's law C. Avogadro's law D. Dalton's law
8	The vapour density of a gas is 11.2 The volume occupied by 11.2 g of this gas at N.T.P is	A. 22.4 liters B. 11.2 liters C. 1 liter D. 2.24 liters