

NAT I Medical Chemistry

C	Overstions	Anguaga Chaine
Sr	Questions	Answers Choice
1	Which is the most amphoteric?	A. Na ₂ O B. MgO C. Al ₂ O ₃ D. CaO
2	How many kinds of space lattices are possible in a crystal?	A. 23 B. 7 C. 230 D. 14
3	Which is true for an element R present in group 13 of the periodic table?	A. It is a gas at room temperature B. It has oxidation state of +4 C. It forms R ₂ O ₃ D. It forms RX ₂
4	A current of 9.65 ampere flowing for 10 minutes deposits 3.0 g of the metal which is monovalent the atomic mass of the metal is	A. 10 B. 50 C. 30 D. 96.5
5	When electrons revolve is stationary orbits	A. There is no change in energy level B. They vecome stationary C. They are gaining kinetic energy D. There is increase in energy
6	Saturated solution of NaCl on heating becomes	A. Super saturated B. Unsaturated C. Remains saturated D. None
7	Which of the following units represents largest amount of energy?	A. Calorie B. Joule C. Erg D. Electron vol.
8	For preparing an alkane, a concentrated aqueous solution of sodium or potassium salt of saturated carboxylic acid is subjected to	A. Hydrolysis B. Oxidation C. Hydrogenation D. Electrolysus
9	During the folding of filter paper the apex form angle of about	A. 80 ^o B. 60 ^o C. 180 ^o D. 90 ^o
10	In Friedal-Craft's alkylation besides AICl3 the other reactants are	A. C6H6 + NH3 B. C6H6 + CH4 C. C6H6 + CH3Clx/span> D. C6H6 + CH3Clx/span> D. C6H6 + CH3COCI
11	The rate of reaction between A and B increases by a factor of 100 when the concentration with respect to A is increased 10 folds the order of reaction w.r.t A is	A. 10 B. 1 C. 4 D. 2
12	The number of unpaired electrons in the P-subshell of oxygen atom	A. 1 B. 2 C. 3 D. 4
13	Which of the following statement regarding catalyst is not true?	A. A catalyst remains unchanged in composition and quantity at the end of the reaction B. A catalyst can initiate a reaction C. A catalyst dose not alter the equilibrium in a reversible reaction

		D. Catalysts are sometimes very specific in respect of reaction
14	The maximum number of electrons in a subshell for which / = 3 is	A. 14 B. 10 C. 8 D. 4
15	When pressure is applied to the equilibrium system Ice Water Which of the following phenomenon will happen?	A. More ice will be formed B. Water will evaporate C. More water will be formed D. Equilibrium will not be formed
16	Which of the following is a molecular disease?	A. Allergy B. Cancer C. German measles D. Sickle cell anemia
17	Which one of the following elements occurs free in nature?	A. N B. P C. As D. Sb
18	For the carbylamine reaction we need hot alc.KOH and	A. Any amin and chloroform B. Chloroform and Ag powder C. A primary amine and chloroform D. A mono alkyl amine and trichlorom ethane
19	In N.W.F.P the phosphate fertilizer are produced at	A. D.I.Khan B. Haripur C. Nowshera D. Dargai
20	For the reaction $2A(g) + B(g) \ 3C(g) + D(g)$ two moles each of A and B were taken into a flask The following must always be true when the system attained equilibrium	A. [A] = [B] B. [A] < [B] C. [B] = [C] D. [A] > [B]