

NAT I Medical Chemistry

C-	Quantiana	Answers Choice
Sr	Questions	
1	An electrolyte	A. Forms complex ions in solution B. Gives ions only when electricity is passed C. Possesses ions even in solid state D. Gives ions only when dissolved in water
2	If N_A is Avogadro's number then number of valence electrons in 4.2 g of nitride ions N^{3-} is	A. 2.4 N _A B. 4.2 N _A C. 1.6 N _A D. 3.2 N _A C. 1.6 N _A
3	Which quantum number is sufficient to describe the electron is hydrogen atom?	A. / B. n C. m D. s
4	Setting of cement is an	A. Exothermic reaction B. Endothermic reaction C. Neither exothermic nor endothermic D. None
5	Which of the following has linear shape?	A. SP B. SP ² C. SP ³ D. None of the above
6	The credit of discovering neutron goes to	A. Rutherford B. Langmuir C. Chadwick D. Austen
7	Dehydration of glycerol give	A. Propane B. Propene C. Acrolein D. Benzene
8	Cyclone collector is used for minimizing	A. Radioactive pollution B. Air pollution C. Noise pollution D. Water pollution
9	The rate at which a substance reacts depends on its	A. Atomic weight B. Equivalent weight C. Molecular weight D. Active mass
10	By using the fluted filter paper rate of filtration is	A. Increased B. Decreased C. Filtration is constant D. Having no effect
11	Which one is not a pollutant normally?	A. Hydrocarbons B. Carbon dioxide C. Carbon monoxide D. Sulphur dioxide
12	Sea weeds are important source of	A. Iron B. Chlorine C. lodine D. Bromine
13	Which of the following represents elements in order of increasing atomic size?	A. I,Br,Cl B. Na,Mg,C C. C,N,O D. Li,Na,K
14	The maximum number of electrons in a subshell for which / = 3 is	A. 14 B. 10

		C. 8 D. 4
15	Which of the following species participate in sulphonation of benzene ring?	A. H ₂ SO ₄ B. HSO ⁻ ₃ C. SO ₃ D. SO ⁻ ₂
16	Ozone is not	A. An allotrope B. A powerful oxidizing agent C. Paramagnetic D. A bent molecule
17	With increasing principle quantum number the energy difference between adjacent energy levels in H atom	A. Decreases B. Increases C. Remains constant D. Decreases for low value of Z and increases for higher value of Z.
18	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
19	In cold countries ethylene glycol is added to water in radiators of cars during winter It result in	A. Lowering in b.pt.B. Reducing viscosityC. Reducing specific heatD. Lowering in freezing pt.
20	Bell metal is an alloy of	A. Cu,Zn,and Sn B. Cu,Zn and Ni C. Cu and Zn D. Cu and Zn D. Cu and Sn