

## NAT I Medical Chemistry

Sr	Questions	Answers Choice
1	Vital force theory was rejected by	A. Berzelius B. Kolbe C. Wholer D. Lavoiser
2	Which of the following alkali metal hydroxides is the strongest base?	A. LiOH B. NaOH C. KOH D. CaOH
3	Portland cement is manufactured by using	A. Limestone, clay and sand B. Limestone, gypsum and sand C. Limestone, gypsum and alumina D. Limestone, clay and gypsum
4	In crystal structure of sodium chloride the arrangement of Cl <sup>-</sup> ions is	A. Fee B. Both fee and bcc C. Bee D. None of these
5	Cannizzaro reaction is not given by	A. Trimethyl acetaldehyde B. Acetaldehyde C. Benzaldehyde D. Formaldehyde
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	Sodium metal cannot be stored under	A. Benzene B. Kerosene oil C. Alcohol D. Toluene
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. Electrolysis
9	The credit of discovering neutron goes to	A. Rutherford B. Langmuir C. Chadwick D. Austen
10	Which of the following value of $\Delta H_f^\circ$ represent that the product is least stable?	A. -94.0 kcal mol <sup>-1</sup> B. -231.6 kcal mol <sup>-1</sup> C. +21.4 kcal mol <sup>-1</sup> D. +64.8 kcal mol <sup>-1</sup>
11	A cell constant is generally found by measuring the conductivity of aqueous solution of	A. BaCl <sub>2</sub> B. KCl C. NaCl D. MgCl <sub>2</sub>
12	Which one is not a pollutant normally?	A. Hydrocarbons B. Carbon dioxide C. Carbon monoxide D. Sulphur dioxide
13	If the solvent is inflammable for heating purpose we use	A. Ice bath B. Water bath C. Wire gauze D. Thermostat
14	Wholer prepared urea from	A. Ammonia B. NH <sub>4</sub> CNO C. NH <sub>3</sub> D. NH <sub>4</sub> Cl

		D. uric acid
15	Setting of cement is an	A. Exothermic reaction B. Endothermic reaction C. Neither exothermic nor endothermic D. None
16	Galena is an ore of	A. Gallium B. Lead C. Tin D. Germanium
17	Which of the following halogens does not forms its oxyacids?	A. Fluorine B. Chlorine C. Bromine D. Iodine
18	The osmotic pressure of solution increases if	A. Temperature is decreased B. Solution constant is increased C. Number of solute molecules are increased D. Volume is increased
19	Which one of the halogen acid is a liquid?	A. HF B. HCl C. HBr D. HI
20	Potassium is kept in	A. Water B. Ammonia C. alcohol D. Kerosene E.  