

## NAT I Medical Chemistry

Sr	Questions	Answers Choice
1	Galena is an ore of	A. Gallium B. Lead C. Tin D. Germanium
2	Inter molecular forces in solid hydrogen are	A. <span style="font-size: 14.44444465637207px,">Covalent forces</span> B. <span style="font-size: 14.44444465637207px,">Van der Waal forces or London dispersion force</span> C. <span style="font-size: 14.44444465637207px,">Hydrogen bonds</span> D. <span style="font-size: 14.44444465637207px,">All of these</span>
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	Cyclone collector is used for minimizing	A. Radioactive pollution     B. Air pollution     C. Noise pollution     D. Water pollution
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	Potassium crystallizes with a	A. Orthogonal lattice B. Cubic lattice C. Triclinic D. Ortho rhombic lattice
7	The essential component of organic compound is	A. O B. C C. P D. N
8	An endothermic reaction is one in which	A. Heat is converted into electricity B. Heat is obsorbed C. Heat is evolved D. Heat is converted into mechanical work
9	Which of the following is an example of body centred cube?	A. Magnesium B. Zinc C. Copper D. Sodium
10	What quantity of limestone (CaCO <sub>3</sub> ) on heating will give 56 kg of CaO?	A. 1000 kg B. 56 kg C. 44 kg D. 100kg
11	Which of the following belongs to the halogen family?	A. Francium B. Polonium C. Radium D. Astatine
12	Rusting of iron is catalysed by	A. Fe B. O <sub>2</sub> C. Zn D. H <sup>+</sup>
13	Ozone is not	A. An allotrope     B. A powerful oxidizing agent     C. Paramagnetic     D. A bent molecule

14	Crystal can be classified in to basic crystal habits	A. / B. 4 C. 14 D. 3
15	Most common reactions of benzene and its derivatives are	A. Electrophilic addition reactions     B. Electrophilic substitution reactions.     C. Nucleophilic addition reactions     D. Nucleophilic substitution reactions
16	When pressure is applied to the equilibrium system lce 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
17	In the equilibrium $N_2$ + $3H_2$ - $2NH_3$ + $22$ kcal the formation of ammonia is favoured by	A. Increasing the pressure B. Increasing the temperature C. Decreasing the pressure D. Adding ammonia
18	The bond angle H - O - H in ice is closest to	A. 120°, 28° B. 60° C. 90° D. 109°
19	The most reactive compound for electrophilic nitration will be	A. Benzyl chloride B. Benzoic acid C. Nitrobenzene D. Chlorobenzene
20	At room temperature formaldehyde is	A. Gas B. Liquid C. Solid D. None of the above