

## NAT I Medical Chemistry

Sr	Questions	Answers Choice
1	Dilute hydrochloric acid solution cannot be concentrated by boiling beyond	A. 11% B. 33% C. 44% D. 22%
2	Isopropyl alcohol on oxidation forms	A. Acetone B. Ether C. Ethylene D. Acetaldehyde
3	The last orbit of argon would have electrons	A. 8 B. 18 C. 2 D. 6
4	Heating a mixture of sodium benzoate and soda lime gives	A. Methane B. Benzene C. Sodium benzene D. Calcium benzoate
5	When quantity of electricity passed is one faraday then the mass deposited at the electrode is equal to	A. One gm. atomic weight B. One gm. Equivalent weight C. Electrochemical equivalent D. None of the above
6	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
7	Variable valency is generally exhibited by	A. Normal elements B. Transition elements C. Metallic elements D. None of these
8	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 trichloromethane
9	In N.W.F.P the phosphate fertilizer are produced at	A. D.I.Khan B. Haripur C. Nowshera D. Dargai
10	Ammonia gas used directly as a fertilizer is injected into the soil at a depth of about	A. <span style="font-size: 14.44444465637207px;">Two inches</span> B. <span style="font-size: 14.44444465637207px;">Three inches</span> C. <span style="font-size: 14.44444465637207px;">Five inches</span> D. <span style="font-size: 14.44444465637207px;">Six inches</span>
11	An exothermic reaction is one in which the reacting substances	A. Have more energy than the products B. Have less energy than the products C. Have the same energy as the products D. Are at a higher temperature than the products
12	Cannizzaro reaction is not given by	A. Trimethyl acetaldehyde B. Acetaldehyde C. Benzaldehyde D. Formaldehyde
13	Which of the following is not present in RNA?	A. Uracil B. Thymine C. Ribose

## D. Phosphate

14	Tollen's reagent is	A. Ammonical cuprous chloride B. Ammonical cuprous oxide C. Ammonical silver bromide D. Ammonical silver nitrate
15	The structure of XeF <sub>6</sub>	A. Distorted octahedral B. Pyramidal C. Tetrahedral D. None of the above
16	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
17	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>
18	The rate at which a substance reacts depends on its	A. Atomic weight B. Equivalent weight C. Molecular weight D. Active mass
19	Which of the following substances is used as an antiknock compound?	A. Tetraethyl lead B. Lead tetrachloride C. Lead acetate D. Ethyl acetate
20	Oleum is	A. Castor oil B. Oil of vitriol C. Fuming of H <sub>2</sub> SO <sub>4</sub> D. None of them