

NAT I Medical Chemistry

Sr	Questions	Answers Choice
1	If a salt bridge is removed between the two half cells the voltage	A. Drops to zero B. Does not change C. Increases gradually D. Increases rapidly
2	Which one is the property of an ideal solvent	A. Should be expensive B. It should react chemically with the solute C. Impurities should crystallize along with the solute D. Should be safe to use
3	Dilute hydrochloric acid solution cannot be concentrated by boiling beyond	A. 11% B. 33% C. 44% D. 22%
4	Setting of cement is an	A. Exothermic reaction B. Endothermic reaction C. Neither exothermic nor endothermic D. None
5	Hybridization explain the----- of orbitals	A. Type of Bonding B. Shapes C. Shape and Type of bonding D. None of above
6	Ethanol containing some methanol is called	A. Absolute spirit B. Rectified spirit C. Power alcohol D. Methylated spirit
7	Inter molecular forces in solid hydrogen are	A. Covalent forces B. Van der Waal forces or London dispersion force C. Hydrogen bonds D. All of these
8	Sodium metal cannot be stored under	A. Benzene B. Kerosene oil C. Alcohol D. Toluene
9	Which of the following metal exhibits more than one oxidation?	A. Na B. Mg C. Fe D. Al
10	Octane number is zero for	A. n-Heptane B. Isooctane C. n-Hexane D. Isoheptane
11	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
12	The formula of calcium cyanamide is	A. $\text{Ca}(\text{CN})_2$ B. CaC_2N C. CaNCN D. CaCHNH_2
13	Which of the following is not present in RNA?	A. Uracil B. Thymine C. Ribose D. Phosphate

14	The spectrum of helium is expected to be similar to that of	A. H B. Li^{+} C. Na D. He^{+}
15	Which of the following fluorides of xenon is impossible?	A. XeF_2 B. XeF_3 C. XeF_4 D. XeF_6
16	Which of the following is a molecular disease?	A. Allergy B. Cancer C. German measles D. Sickle cell anemia
17	Magnesium keeps on burning in	A. N_2 B. CO_2 C. N_2 D. N_2 as well as CO_2
18	Which of the following halogens does not form its oxyacids?	A. Fluorine B. Chlorine C. Bromine D. Iodine
19	Natural fertilizer provides potassium in the form of K_2O (potash)	A. $14.4444465637207\text{px}$; 1.5 kg B. $14.4444465637207\text{px}$; 3 kg C. $14.4444465637207\text{px}$; 4.5 kg D. $14.4444465637207\text{px}$; 6.5 kg
20	Fertilizers are made by	A. Nature only B. Artificial methods only C. Both artificial and natural methods D. None of the above