

## NAT I Engineering

Sr	Questions	Answers Choice
1	1-Chloropropane has two isomers, it is an example of	A. Functional group B. <b>Position isomerism</b> C. isomerism D. Chain isomerism
2	The digestion of fats is the interaction is sided by	A. Diffusion B. Protection C. Pegtization D. <b>Emulsification</b>
3	Dehydration of glycerol give	A. Propane B. Propene C. <b>Acrelein</b> D. Benzene
4	Bleaching action of bleaching powder is due to the liberation of	A. O <sub>2</sub> B. OCl- C. <b>Cl<sub>2</sub></b> D. Cl-
5	The ratio of close packed atoms to tetrahedral holes in cubic close packing is.	A. 1 : 1 B. <b>1 : 2</b> C. 1 : 3 D. 2 ; 1
6	Natural fertilizer from plants and animals provide nitrogen	A. 1.5 kg B. 3.0 kg C. <b>4.5 kg</b> D. 6 kg
7	Fluorine does not show positive oxidation states due to the absence of .	A. d- orbitals B. s-orbitals C. p- orbitals D. <b>None</b>
8	Which of the following compounds has the lowest anion to cation size ratio?	A. LiF B. NaF C. CsI D. <b>CsF</b>
9	Cannizzaro reaction is not given by	A. Trimethyl accetaldehyde B. <b>Accetaldehyde</b> C. Benzaldehyde D. Formaldehyde
10	When electrons revolve in stationary orbits.	A. <b>There is no change in energy level</b> B. They become stationary C. The are gaining kinetic energy D. There is increase in energy
11	The carbon atom is calcium carbide are held by	A. Ionic bonds B. <b>Sigma bonds</b> C. 2 covalent, one co-ordinate bond D. 2 Sigma and one bond
12	In crystal structure of sodium chloride, the arrangement of CT ions is .	A. <b>Fee</b> B. bcc C. Both fee and bcc D. Nothe of these
13	Hypo is used in photography ofr	A. Developing picture B. Picture printed C. The colour of picture D. <b>The fixation of picture</b>
14	The rate of reaction can be increased in general by all the actors except by	A. Using a catalyst B. Increasing Temperature C. <b>Increasing the activation energy</b> D. Increasing the conc. of reactants
15	Phosphide ion has the electronic structure similar to that of	A. Nitride ion B. Fluoride ion C. Sodium ion D. <b>Chloride ion</b>

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16	The reagent which forms crystalline diazone derivative when treated with glucose is.	A. Fehling solution B. Phoneylye hydration C. Besadiet solution D. Hydroxyl solution
17	The freezing point of 1 molal NaCl solution assuming NaCl to be 100% dissociated in water in.	A. $-1.86^{\circ}\text{C}$ B. $-3.72^{\circ}\text{C}$ C. $+1.86^{\circ}\text{C}$ D. $+3.72^{\circ}\text{C}$
18	The rate at which a substance reacts depends on its.	A. Atomic weight B. Aquivalent weight C. Molecular weight D. Active mass
19	Which of the following has greatest tendency to lose electron.	A. F B. Fr C. S D. Be
20	Sea weeds are important source of	A. Iron B. Chlorine C. Iodine D. Bromine

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