

## NAT I Medical Chemistry

Sr	Questions	Answers Choice
1	The reference calomel electrode is made from which of the following?	A. ZnCl <sub>2</sub> B. CuSO <sub>4</sub> C. Hg <sub>2</sub> Cl <sub>2</sub> D. HgCl <sub>2</sub>
2	The order of reactivity of halogens in aliphatic substitution reactions is	A. Br2 > Cl2 > F2 B. Cl2 > Br2 > F2 C. Cl2 Cl2 > Br2 D. F2 > Br2 > Cl2
3	Salol is prepared from	A. Salicylic acid and phenol B. Salicylic acid and methyl alcohol C. Both D. None
4	Which one is primary alcohol?	A. <span style="font-size: 14.4444465637207px;">Buten-2- ol</span> B. <span style="font-size: 14.4444465637207px;">Propan-2- ol</span> C. <span style="font-size: 14.4444465637207px;">Butane-1- ol</span> D. <span style="font-size: 14.4444465637207px;">2,3- Dimethylhexane-4-ol</span>
5	Bragg's law is given by equation	A. n $\lambda$ 8nbsp;= 2 $\theta$ sin $\theta$ B. n $\lambda$ = 2 d sin $\theta$ C. $2n\lambda$ = d sin $\theta$ D. $n\lambda$ = 1/2 d sin $\theta$
6	Magnesium keeps on burning in	A. N <sub>2</sub> B. CO <sub>2</sub> C. N <sub>2</sub> D. N <sub>2</sub> as well as CO <sub>2</sub>
7	Pollutant of automobile exhausts that affects nervous system/produces mental diseases is	A. <span style="font-size: 14.4444465637207px;">Mercury</span> B. <span style="font-size: 14.4444465637207px;">Lead</span> C. <span style="font-size: 14.4444465637207px;">Nitrogen oxide</span> D. <span style="font-size: 14.4444465637207px;">Sulphur oxide</span>
8	Which of the following value of $\Delta H f^\circ$ represent that the product is least stable?	A94.0 kcal mol <sup>-1</sup> B231.6 <span style="font-size: 14.4444465637207px;">kcal mol</span> <sup>-1</sup> C. +21.4 <span style="font-size: 14.4444465637207px;">kcal mol</span> <sup>-1</sup> D. +64.8 <span style="font-size: 14.44444465637207px;">kcal mol</span> <sup>-1</sup> D. +64.8 <span style="font-size: 14.44444465637207px;">kcal mol</span> <sup>-1</sup>
9	Which of the following compounds has the lowest anion to cation size ratio?	A. LiF B. NaF C. CsI D. CsF
10	Leblanc process is employed in the manufacture of	A. Baking soda B. Washing soda C. Potash D. Plaster of paris
11	Detergents are	A. Synthetic products B. Natural products C. Both A and B D. None of the above

Which quantum number is sufficient to describe the electron is hydrogen atom?  A / B. n C. m D. s  A Scorbic acid is a chemical name of A / Stamin D B. Witamin D B. Witamin C D. Vitamin B sub>6 In a reversible chemical reaction having two reactants in equilibrium if the concentration of the reactants are doubled then the equilibrium constant will D. Remains the same  Natural frertilizer provides phosphorus to plants in the form of P2O5  A 12 kg B. 2.2 kg C. 3.2 kg D. 4 kg  How many kinds of space lattices are possible in a crystal?  A cell constant is generally found by measuring the conductivity of aqueous solution of C. NacC D. MgCl*sub>2 Which of the following is a molecular disease?  A Alarcy B. Alarcy B. Alarcy B. Alarcy B. C. acore C. German measles D. Sickle cell anemia  A Hydrocarbons B. Carbon dioxide C. Carbon monoxide D. Sulphur dioxide  A Coxygen B. Chlorine C. Nitrogen			
Ascorbic acid is a chemical name of C. Vitamin A C. Vitamin C D. Vitamin Braub>6 B. Vitamin A C. Vitamin C D. Vitamin C D. Vitamin Braub>6   14 In a reversible chemical reaction having two reactants in equilibrium if the concentration of the reactants are doubled then the equilibrium constant will A. Also be doubled B. Be halved C. Becomes one fourth D. Remains the same   15 Natural frertilizer provides phosphorus to plants in the form of P2O5 A. 1.2 kg B. 2.2 kg C. 3.2 kg D. 4 kg   16 How many kinds of space lattices are possible in a crystal? B. 7 C. 230 D. 14   17 A cell constant is generally found by measuring the conductivity of aqueous solution of D. MgCl*sub>2 KCI C. NaCI D. MgCl*sub>2   18 Which of the following is a molecular disease? A. Allergy B. Cancer C. German measles D. Sickle cell anemia   19 Which one is not a pollutant normally? B. Carbon dioxide C. Carbon monoxide D. Sulphur dioxide   20 Which of the following a lamparte is most electropopartics? B. Chlorine	12	Which quantum number is sufficient to describe the electron is hydrogen atom?	B. n C. m
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D. Fluorine	20	Which of the following elements is most electronegative?	B. Chlorine C. Nitrogen