

NAT I Medical Chemistry

Cr.	Quanting	Anguara Chaica
Sr	Questions	Answers Choice
1	Bleaching action of bleaching powder is due to the liberation of	A. O ₂ B. OCI ⁻ C. CI ₂ D. CI ⁻
2	Pollutant of automobile exhausts that affects nervous system/produces mental diseases is	A. Mercury B. Lead C. Nitrogen oxide D. Sulphur oxide
3	Tollen's reagent is	A. Ammonical cuprous chloride B. Ammonical cuprous oxide C. Ammonical silver bromide D. Ammonical silver nitrate
4	Which of the following process is used to separate insoluble particles from liquids?	A. Separation B. Filtration C. Crystallization D. Condensation
5	The relative rates of diffusion of a gas (Mol, wt 98) as compared to hydrogen will be	A. 1/7 B. 1/5 C. 1/4 D. 1
6	Cyclone collector is used for minimizing	A. Radioactive pollution B. Air pollution C. Noise pollution D. Water pollution
7	Crystal can be classified in to basic crystal habits	A. 7 B. 4 C. 14 D. 3
8	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
9	In the manufacture of iron from haematite, limestone is added to act as.	A. Flux B. A reducing C. Slag D. An oxidizing agent.
10	The IUPAC name of the compound having the formula (CH3) 3 C - CH = CH2 is	A. 1, 1 -Dimethyl-3-butene B. 1,1,1-Trimethyl-3-propene C. 3,3,-Dimethyl-1-butene D. 3,3,3-Trimethyl-1-propene
11	Which of the following cannot be produced by acidic dehydration of alcohols?	A. Ethers B. Aldehyde C. Alkyl Hydrogen sulphate D. Alkene
12	A clathrate may be defined as a	A. Cage compound B. Liquid crystal C. Mixture D. Solid solution
13	Which of the following geometry is associated with the compound in which the central atom assumes \mbox{sp}^3 d hybridization?	A. Planar B. Pyramidal C. Angular D. Trigonal bipyramidal
14	Dehvdration of alvcerol aive	A. Propane B. Propene

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The equilibrium $ \text{Cr}_2\text{O}^{2-}_7 \text{ 2CrO}^2_4 \text{ is shifted to right in} $	A. An acidic medium B. A basic medium C. A neutral medium D. It does not exist
The last orbit of argon would have electrons	A. 8 B. 18 C. 2 D. 6
17 1-Chloropropane has two isomers It is an example of	A. Chain isomerismB. Position isomerismC. Functional group isomerismD. Metamerism
18 Which of the following does not reflect the periodicity of element	A. Bonding behaviour B. Electronegativity C. Ionisation potential D. Neutron/proton ratio.
19 Which of the following species participate in sulphonation of ber	A. H ₂ SO ₄ B. HSO ⁻ ₃ C. SO ₃ D. SO ⁻ ₂
Which of the following statements is most appropriate about effective depends upon	A. The shielding constant B. The atomic number C. The charge on the nucleus D. Both the nuclear charge and the shielding constant