

NAT II Physical Science Chemistry

Sr	Questions	Answers Choice
1	Which of the following cannot be produced by acidic dehydration of alcohols?	A. Ethers B. Aldehyde C. Alkyl Hydrogen sulphate D. Alkene
2	For most of the chemical reactions the rate of reaction	A. Increase as the reaction proceeds B. Decrease as the reaction proceeds C. May increase or decrease during the reaction D. Remains constant as the reaction proceeds
3	Which of the following metal exhibits more than one oxidation?	A. Na B. Mg C. Fe D. Al
4	Which inorganic precipitate acts as semipermeable membrane?	A. Calcium sulphate B. Barium oxalate C. Nickel phosphate D. Copper ferrocyanide
5	The unit rate of a reaction can be increased in general by all the factors except by	A. Using a catalyst B. Increasing temperature C. Increasing the activation energy D. Increasing the conc. of reactants
6	If a salt bridge is removed electrode is made from which of the following?	A. $ZnCl_2$ B. $CuSO_4$ C. Hg_2Cl_2 D. $HgCl_2$
7	As a fixing agent in photography, sodium thiosulphate is used for	A. Dissolving out unreacted silver bromide B. Converting silver halides to metallic silver C. Reducing solubility of AgBr D. Preventing overdeveloping and fogging.
8	Which of the following species participate in sulphonation of benzene ring?	A. H_2SO_4 B. HSO_3^- C. SO_3 D. SO_2
9	Hydrolytic conversion of sucrose into glucose and fructose is known as	A. Induction B. Inversion C. Insertion D. Inhibition
10	Potassium crystallizes with a	A. Orthogonal lattice B. Cubic lattice C. Triclinic D. Ortho rhombic lattice
11	In N.W.F.P the phosphate fertilizers are produced at	A. D.I.Khan B. Haripur C. Nowshera D. Dargai
12	Which of the following method is most appropriate for the manufacture of methane?	A. By reduction of CH_2SL_2 B. Wurtz reaction C. Liquefaction of natural gas D. None of these
13	Phosphorus pentoxide finds use as	A. An oxidizing agent B. A reducing agent C. a bleaching agent D. A dehydration agent.
14	Red lead is	A. PbO B. Pb_3O_4 C. PbO_2 D. Pb_4O_3

15	Which of the following process is used to separate insoluble particles from liquids?	A. Separation B. Filtration C. Crystallization D. Condensation
16	Minamata disease is due to pollution of	A. Organic waste B. Oil spill in water C. Industrial waste containing mercury into fishing water D. Arsenic into the atmosphere
17	Bragg's law is given by equation	A. $n\lambda = 2d \sin \theta$ B. $n\lambda = 2d \sin \theta$ C. $2d \sin \theta = n\lambda$ D. $n\lambda = d \sin \theta$
18	In crystal structure of sodium chloride, the arrangement of Cl ⁻ ions is	A. Fcc B. Both Fcc and bcc C. Bcc D. None of these
19	Which of the following has greatest reducing power?	A. HI B. HBr C. HCl D. H ₂
20	Phosphide ion has the electronic structure similar to that of	A. Nitride ion B. Fluoride ion C. Sodium ion D. Chloride ion