Environment Chemistry The Atmosphere

Sr	Questions	Answers Choice
1	The reason for maintaining higher temperature for the production of ammonia is.	A. Activation energy of teh reaction is very high B. Activation energy of the reactio is very low C. Nitrogen and hydrogen are both gases. D. At low temperature nitrogen and hydrogen change into liquids
2	the roasting of Iron Pyrite produces which gas.	A. SO2 B. NH3 C. CO2 D. H2
3	Secondary pollutants present in the atmosphere are.	A. Oxides of nitrogen B. Oxides of sulphur C. Ozone and PAN D. Oxides of Carbon
4	Which metal cannot displace hydrogen from dilute acids.	A. Iron B. Zinc C. Lead D. Gold
5	What is the ratio by volume of nitorgen to hydrogen used n the Haber process.	A. 1:1 B. 1:3 C. 3:1 D. 2:3
6	Peroxyaccetyl nitrate is formed by teh reaction of sunlight with NOx and.	A. carbon dioxide B. Volatile organic compounds C. Water vapour D. Oxygen
7	Which metal produces a crimson flame when burned.	A. Calcium B. Strontium C. Magnesium D. Potassium
8	Which compound is known as the king of chemicals.	A. Ammonia B. Nitric Acid C. Methane D. Sulphuric acid
9	The contact process used for the industrial production of H2SO4 is sensitive to the impurities present in SO2 and O2 becasue the impurities.	A. Affect the capability of the catalyst B. Affect the purity of H2SO4 C. Do not let SO2 to reafct with oxygen D. Decrease the rate of reaction appreciably.
10	Which gas is rapidly converted into nitrogen dioxide by oxygen in the air.	A. Nitric oxide B. Nitrous oxide C. Ammonia D. Nitrogen
11	Which of these is a raw material for the produciton of hydrogen in the Haber process.	A. Iron pyrite B. Carbon dioxide C. Methane D. Sulphur
12	Which type of oxide is formed when oxygen rfeacts with a non -metal like sulphur or carbon	A. Basic oxide B. Acidic oxide C. Neutral oxide D. Amphoteric oxide
13	What is the charcteristic flame colour of Barium when it burns in oxygen.	A. Intense white B. Crimson C. Pale green D. White with red
14	What is teh chemicla formula of oleum.	A. H2SO4 B. SO3 C. H2S2O7

		D. H2S2O8
15	What is the primary use of the Ammonia produced globally.	A. Plastics B. Refrigerants C. Explosives D. Fertilizers
16	It is an example of a neutral oxide.	A. ZnO B. Na2O C. CO D. Al2O3
17	Which catalyst is employed in the contact process for the oxidation of SO2?	A. Iron B. Magnesium C. Vanadium Oxide D. Copper
18	Which of the following metal reacts most violently with dilute acids.	A. Sodium B. Zinc C. Iron D. Magnessium
19	Sodium is considered more reactie than magnesium because.	A. It is more electropositive than magneium B. It reacts with water slowly C. It is present in second group D. It is the lss metallic
20	What pressure is typically maintained in the Haber Process.	A. 100 atm B. 200 atm C. 300 atm D. 400 atm