Nitrogen and Sulfur

Sr	Questions	Answers Choice
1	IUPAC name of ammonia is	A. Azane B. Azanium C. Azole D. None of these
2	PAN formation starts when reacts with the hydrocarbon	A. O3 B. NO C. NO2 D. HO+
3	Most common oxidation states of sulfur are.	A. 5+ and 6+ B. 4+ and 6+ C. 4+ and 8+ D. 0 and 1+
4	Bond energy of nitrogen is	A. +944 kJmol -1 B. +844 kJ mol-1 C. +1000 kJ mol D. +888 kJ mol
5	Nitrogen belongs to which group of prediodic table	A. 12 B. 13 C. 15 D. 18
6	Electronegativity of sulfur is.	A. 2.3 B. 2.5 C. 4.0 D. None of these
7	Omeprazole is used for the treatment of	A. Asthma B. Gastroesophageal reflux disease C. Botha and b D. None of these
8	The most stable species in an acids environment is.	A. SO^{2-₄} B. SO2 C. H2S D. S
9	In contact process arsenic purifier uses.....for absorption of arsenic oxide.	A. Galatinous ferric hydroxide B. Vanadium pentaoxide C. Iron pyrite D. None of above
10	In a catalytic converter, the conversion of nitrogen oxide into nitrogen gas and oxygen gas is a process of	A. Reduction B. Oxidation C. Combustion D. Neutralization
11	Sulfur trioxide is not directly dissolved in water to produce sulfuric acid in the contact process beause this reaction is.	A. Too slow B. Highly exothermic and produces a mist of sulfuric acid C. Reversible and would result in a low yield D. Requires very high pressures
12	The oxidation state of sulfur in H2SO4	A. +1 B. +4 C. +6 D. +2
13	Sulfur dioxide produced from the combustion of sulfur can be further oxidized to sulfur trioxide under specific conditions, such as inthe presence of a.	A. Catalyst and high temperature B. Catalyst and low temperature C. Strong reducing agnet and high pressure D. Dilute acid and room temperature
14	When sulfuric acid reacts with table sugar balck porous mass is obtained which is	A. Sulfur B. Carbon C. Nitrogen D. Alcohal
		A. Atmsophric nitrogen ins converted

15	Nitrification is the process by which	into ammonia B. Nitrate is converted into nitrite gas C. Ammonia a is converted into nitrage and the nitrate D. Organic nitrogen s convereted into ammonia
16	In sulfur acid no of oxygen and sulfur bonds are.	A. 6 B. 2 C. 4 D. 8
17	In contact process arsenic purfiier uses..... for absorptio of arsenic oxide.	A. Vanadium pentaoxide B. Galatinous ferric hydroxide C. Iron pyrite D. None of these
18	Main fuel in gun poweer is	A. Charocal carbon B. Nitrte C. Sulfur D. None of these
19	When sulfuric acid react with table sugar black porous mass is obtained which is	A. Carbon B. Sulfur C. Nitrogen D. Alcohol
20	Vapor pressur eof sulfuric acid at room temperature	A. 0.001 torr B. 0.1 torr C. 0.01 torr D. 1 torr