

Nitrogen and Sulfur

Sr	Questions	Answers Choice
1	The drug omeprazole contains.	A. Sulfoxide B. Thiol C. Sulfone D. Bisulfide
2	Electro negativity of nitrogen is	A. 2.5 B. 3.0 C. 4.0 D. None of these
3	When sulfuric acid react with table sugar black porous mass is obtained which is	A. Carbon B. Sulfur C. Nitrogen D. Alcohol
4	In sulfur acid no of oxygen and sulfur bonds are.	A. 6 B. 2 C. 4 D. 8
5	The shape of ammonium is	A. Pyramidal B. Triangular planar C. Tetrahedral D. Linear
6	Which of the following is used as raw material in contact process	A. Sulfur B. Iron pyrite C. Both a and b D. None of these
7	In sulfuric acid how many oxygen are attached to sulfur	A. 1 B. 2 C. 3 D. 4
8	Sulfur trioxide is not directly dissolved in water to produce sulfuric acid in the contact process because 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
9	Nitrification is the process by which	A. Atmospheric nitrogen is converted into ammonia B. Nitrate is converted into nitrite gas C. Ammonia is converted into nitrate and the nitrate D. Organic nitrogen is converted into ammonia
10	PAN formation starts when reacts with the hydrocarbon	A. O ₃ B. NO C. NO ₂ D. HO ⁺
11	Relative atomic mass of sulfur is	A. 32.06 a.m.u B. 31.06 a.m.m C. 39.06 a.m.u D. 30.6 a.m.m
12	The most stable species in an acidic environment is.	A. SO ₄ ²⁻ B. SO ₂ C. H ₂ S D. S
13	Common bonding exhibited by sulfur is.	A. Ionic bond B. Covalent bond C. Coordinate covalent bond D. Metallic bond
14	Gypsum is used as a fertilizer which nutrient is delivered by gypsum	A. S B. N C. P D. Water

15	In laboratory sulfuric acid appears as	A. Yellow coloured gas B. Colourless viscous liquid C. Solid crystals D. Pinck coloured liquid
16	Vapor pressur eof sulfuric acid at room temperature	A. 0.001 torr B. 0.1 torr C. 0.01 torr D. 1 torr
17	Electronegativity of sulfur is.	A. 2.3 B. 2.5 C. 4.0 D. None of these
18	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
19	Molar mass of sulfuric acid is	A. 100.00 g/mol B. 98.08 g/mol C. 15.9 g /mol D. None fo the above
20	Oxidation state of nitrogen in laughing gas is	A. 1+ B. 2+ C. 3+ D. 9+