

## Nitrogen and Sulfur

Sr	Questions	Answers Choice
1	The drug omeprazole contains.	A. Sulfoxide B. Thiol C. Sulfone D. Bisulfide
2	Electro negativiy 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 attache dito 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 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
9	Nitrification is the process by which	A. Atmosphric nitrogen ins converted into ammonia B. Nitrate is converted into nitrite gas C. Ammonia a is converted into nitrage and the nitrate D. Organic nitrogen s converted into ammonia
10	PAN formation starts when reacts with the hydrocarbon	A. O <sub>3</sub> B. NO C. NO <sub>2</sub> D. HO <sup>+</sup>
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 acids environment is.	A. SO <sub>2-4</sub> B. SO <sub>2</sub> C. H <sub>2</sub> S D. S
13	Common bonding exhibited by sulfur is.	A. Ionic bond B. Covalent bond C. Coordinate covalent bond D. Metalic bond
14	Gypsum is used as a fertilier which nutrient is delivered by gypsum	A. S B. N C. P D. Water

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15 In laboratory sulfuric acid appears as  
A. Yellow coloured gas  
B. Colourless viscous liquid  
C. Solid crystals  
D. Pinck coloured liquid

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16 Vapor pressur eof sulfuric acid at room temperature  
A. 0.001 torr  
B. 0.1 torr  
C. 0.01 torr  
D. 1 torr

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17 Electronegativity of sulfur is.  
A. 2.3  
B. 2.5  
C. 4.0  
D. None of these

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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

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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

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20 Oxidation state of nitrogen in laughing gas is  
A. 1+  
B. 2+  
C. 3+  
D. 9+

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