

Nitrogen and Sulfur

Sr	Questions	Answers Choice
1	Main fuel in gun powder is	A. Charocal carbon B. Nitrite C. Sulfur D. None of these
2	PAN formation starts when reacts with the hydrocarbon	A. O ₃ B. NO C. NO ₂ D. HO ⁺
3	Bond energy of nitrogen is	A. +944 kJmol ⁻¹ B. +844 kJ mol ⁻¹ C. +1000 kJ mol D. +888 kJ mol
4	Which gas is used in separating hard water from normal water.	A. NH ₃ B. SO ₂ C. H ₂ S D. NO ₂
5	The oxidation state of sulfur in H ₂ SO ₄	A. +1 B. +4 C. +6 D. +2
6	Gypsum is used as a fertiler which nutrient is delivered by gypsum	A. S B. N C. P D. Water
7	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
8	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
9	In sufuric acid how many oxygen are attache dito sulfur	A. 1 B. 2 C. 3 D. 4
10	When sulfuric acid react with table sugar black porous mass is obtained which is	A. Carbon B. Sulfur C. Nitrogen D. Alcohol
11	Oxidation state of nitrogen in laughing gas is	A. 1+ B. 2+ C. 3+ D. 9+
12	The shape of ammonium is	A. Pyramidal B. Triangular planar C. Tetrahedral D. Linear
13	Viscosity of sulfuric acid is	A. 30.33 centipoise B. 25.24 centriposie C. 44 centipoise D. None of these
14	Common bonding exhibited by sulfur is.	A. Ionic bond B. Covalent bond C. Coordinate covalent bond D. Metallic bond
15	A student heats a solid ammonium salt with a solutio of a strong alkali. The gas produced turns damp red litmus paper blue and has a characteristic pungent smell. The gas is	A. Hydrogen B. Carbon dioxide C. Ammonia D. Sulfur dioxide

16	Molar mass of sulfuric acid is	A. 100.00 g/mol B. 98.08 g/mol C. 15.9 g/mol D. None of the above
17	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
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	In laboratory sulfuric acid appears as	A. Yellow coloured gas B. Colourless viscous liquid C. Solid crystals D. Pinck coloured liquid
20	The most stable species in an acids environment is.	A. SO_4^{2-} B. SO_2 C. H_2S D. S