

ECAT Chemistry Chapter 15 Group IV-A and VI-A Elements

Sr	Questions	Answers Choice
1	Which is laughing gas?	A. NO B. N_2O C. NO_2 D. NO_3
2	SO_2 is not absorbed in water directly to form H_2SO_4 because:	A. The reaction does not go to completion B. the reaction is quite slow C. the reaction is exothermic D. SO_3 is insoluble in water
3	Which property is not present in non-metals:	A. Predominantly covalent B. Poor conductor C. High E.N. Value D. High electropositivity
4	Nitrogen is present in atmosphere	A. 36% B. 78% C. 89% D. 21%
5	Tungsten and Uranium are turned to an reaction with HNO_3 :	A. Oxides B. chlorides C. Nitrides D. Nitrates
6	Which gas is heavier than air?	A. CO_2 B. NH_3 C. Cl_2 D. CO_2
7	Which catalyst is used in contact process?	A. Fe_2O_3 B. V_2O_5 C. SO_3 D. Ag_2O
8	NO_2 forms acidic solution	A. Red B. Blue C. Green D. Brown
9	Allotropic forms of phosphorus are	A. three B. four C. five D. six
10	Colour of PCl_5 is:	A. Red B. Yellowish White C. Grey D. Colourless
11	Nitrogen is present in atmosphere by weight:	A. 75% B. 76% C. 77% D. 78%
12	Aqua Regia has ration of conc. HCl and HNO_3 .	A. 1 : 2 B. 1 : 3 C. 1 : 4 D. 2 : 3
13	Which of the following species has the maximum number of unpaired electrons?	A. O_2 B. O_2^{+} C. O_2^{-} D. O_2^{2-}
14	Which are metalloid?	A. Nitrogen and phosphorous B. Arsenic and phosphorous antimony C. Phosphorous and arsenic D. Antimony and bismuth
15	SO_2 is not absorbed in water directly to form H_2SO_4 because	A. the reaction does not go to completion. B. the reaction is quite slow.

15	C. the reaction is exothermic. D. SO_3 is insoluble in water.
16	Which has garlic like odour?	A. N_2O B. NO C. NO_2 D. NH_4
17	Which can be prepared from HNO_3 ?	A. T.N.T B. Fertilizers C. Picric acid D. All of these
18	Which is aqua regia?	A. HCL : NO B. HCl : HNO_3 C. HCl : H_2SO_4 D. H_2SO_4 : HNO_3
19	Which is nitrous acid?	A. HNO_3 B. HNO C. HNO_2 D. H_2NO_3
20	All elements of group VI-A non-metal except	A. Te B. S C. Se D. Po