

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

Sr	Questions	Answers Choice
1	Which element of group IV-A does not use d-orbital?	A. N B. P C. As D. Sb
2	Nitrogen is present in atmosphere	A. 21% B. 36% C. 89% D. 78%
3	Allotropic forms of phosphorus are	A. three B. four C. five D. six
4	Tungsten and uranium are turned to an reaction with HNO_3	A. Oxides B. Chlorides C. Nitrides D. Nitrates
5	Which property is not present in non-methals	A. Predominantly covalent B. Poor conductor C. Hig E.N. value D. High electropositivity
6	The most stable phosphorus allotrope is	A. White B. Red C. Black D. All
7	NO_2 forms acidic solution	A. Red B. Blue C. Green D. Brown
8	Among group V-A elements, the most electronegative element is	A. Sb B. N C. P D. As
9	Tungsten and Uranium are turned to an reaction with HNO_3 :	A. Oxides B. chlorides C. Nitrides D. Nitrates
10	What are non-metals?	A. Sb & Bi B. P & Bi C. N & P D. As & N
11	Which is the most reactive?	A. White phosphorus B. Red Phosphorus C. Graphite D. Plastic sulphur
12	Ring testis given by ions.	A. Nitrides B. Nitrates C. Cyanates D. Nitriles
13	Aqua Regia has ratio of conc. HCl and HNO_3	A. 1 : 2 B. 1 : 3 C. 1 : 4 D. 2 : 3
14	Which catalyst is used in contact process?	A. Fe_2O_3 B. V_2O_5 C. SO_3 D. Ag_2O
15	Among group V-A elements, the most electronegative element is:	A. Sb B. N C. P D. As

16	Out of all the elements of group V1-A the highest melting and boiling points is shown by the element	A. Te B. Se C. S D. Pb
17	SO ₂ is not absorbed in water directly to form H ₂ SO 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
18	Which has garlic like odour?	A. N ₂ O B. NO C. NO ₂ D. NH ₄
19	SO ₃ is not absorbed in water directly to form H ₂ SO 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.
20	Which element belongs to group V-A?	A. Cs B. Ba C. Sr D. Bi