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

Sr	Questions	Answers Choice
1	Colour of N_2O_4 is	A. Raddish brown B. Yellow C. Colouries D. green
2	Nitrogen is present in atmosphere by weight	A. 75% B. 76% C. 77% D. 78%
3	Which are metalloid?	A. Nitrogen and phosphorous B. Arsenic and phosphorous antimony C. Phosphorous and arsenic D. Antimony and bismuth
4	Out of all the elements of group V-A, the highest ionization energy is possessed by	A. N B. P C. Sb D. Bi
5	Ring testis given by ions.	A. Nitrides B. Nitrates C. Cyanates D. Nitriles
6	Aqua Regia has ration of conc. HCl and HNO_3.	A. 1 : 2 B. 1 : 3 C. 1 : 4 D. 2 : 3
7	Which property is not present in non-metals:	A. Predominantly covalent B. Poor conductor C. High E.N. Value D. High electropositivity
8	Out of all the elements of group V-A , the highest ionization energy is possessed by:	A. N B. P C. Sb D. Bi
9	Nitrogen is present in atmosphere	A. 36% B. 78% C. 89% D. 21%
10	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
11	Nitrogen is present in atmosphere by weight:	A. 75% B. 76% C. 77% D. 78%
12	Which can be prepared from HNO_3?	A. T.N.T B. Fertilizers C. Picric acid D. All of these
13	Sulphuric acid is used	A. As fertilizers B. As dehydrating agent C. As oxidizing agent D. All above
14	Calcium carbonate contains oxygen in it	A. 48% B. 50% C. 53% D. 60%
15	Specific gravity of HNO_3 is	A. 1.35 B. 1.53 C. 1.39

		D. 1.93
16	Among group V-A elements, the most electronegative element is	A. Sb B. N C. P D. As
17	Which is the most reactive?	A. White phosphorus B. Red Phosphorus C. Graphite D. Plastic sulphur
18	Tungsten and Uranium are turned to an reaction with HNO_3:	A. Oxides B. chlorides C. Nitrides D. Nitrates
19	Nitrogen is present in atmosphere	A. 21% B. 36% C. 89% D. 78%
20	Which has sweetish taste?	A. N₂O B. NH₃ C. Cl₂ D. CO₂