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

Sr	Questions	Answers Choice
1	Tungsten and uranium are turned to an reaction with HNO_3	A. Oxides B. Chlorides C. Nitrides D. Nitrates
2	Which gas is heavier than air?	A. CO₂ B. NH₃ C. Cl₂ D. CO₂
3	Posphorus belongs to a group	A. III-A B. IV-A C. V-A D. VI-A
4	Which catalyst is used in contact process?	A. Fe₂O₃ B. V₂O₅ C. SO₃ D. Ag₂O
5	Group VI-A elements are called:	A. Halogens B. Electron deficient C. alkaline earth metal D. Chalcogens
6	Which has sweetish taste?	A. N₂O B. NH₃ C. Cl₂ D. CO₂
7	Which of the following species has the maximum number of unpaired electrons?	A. O₂ B. O₂⁺ C. O₂⁻ D. O₂⁻²
8	Which are metalloid?	A. Nitrogen and phosphorous B. Arsenic and phosphorous antimony C. Phosphorous and arsenic D. Antimony and bismuth
9	Nitrogen is present in atmosphere by weight	A. 75% B. 76% C. 77% D. 78%
10	What are non-metals?	A. Sb & Bi B. P & Bi C. N & P D. As & N
11	The most stable phosphorus allotrope is	A. White B. Red C. Black D. All
12	Which is the most reactive?	A. White phosphorus B. Red Phosphorus C. Graphite D. Plastic sulphur
13	Sulphuric acid is used	A. As fertilizers B. As dehydrating agent C. As oxidizing agent D. All above
14	Among group V-A elements, the most electronegative element is:	A. Sb B. N C. P D. As
15	Which is nitrous acid?	A. HNO₃ B. HNO C. HNO₂ D. H₂NO₃

16	Which element of group IV-A does not use d-orbital?	A. N B. P C. As D. Sb
17	Which is an inert gas?	A. Nitrogen B. Oxygen C. Hydrogen D. CO
18	Which element belongs to group V-A?	A. Cs B. Ba C. Sr D. Bi
19	Which can be prepared from HNO_3?	A. T.N.T B. Fertilizers C. Picric acid D. All of these
20	Nitrogen is present in atmosphere	A. 36% B. 78% C. 89% D. 21%