

## ECAT Chemistry Chapter 15 Group IV-A and VI-A Elements Online Test

Sr	Questions	Answers Choice
1	Allotropic forms of sulphur are	A. Two B. Three C. Four D. Five
2	Allotropic forms of oxygen Te, Se are	A. Two B. Three C. Four D. Five
3	All elements of group VI-A non-metal except	A. Te B. S C. Se D. Po
4	Group VI-A elements are called:	A. Halogens B. Electron deficient C. alkaline earth metal D. Chalcogens
5	Colour of $\text{PCl}_5$ is:	A. Red B. Yellowish White C. Grey D. Colourless
6	The most stable phosphorus allotrope is	A. White B. Red C. Black D. All
7	Which is the most reactive?	A. White phosphorus B. Red Phosphorus C. Graphite D. Plastic sulphur
8	Structure of $\text{P}_4$ is	A. Trigonal B. Tetragonal C. Hexagonal D. Monoclinic
9	Allotropic forms of phosphorus are	A. three B. four C. five D. six
10	Bone ash contains calcium phosphate	A. 70% B. 80% C. 90% D. 100%
11	Phosphorus belongs to a group	A. III-A B. IV-A C. V-A D. VI-A
12	Specific gravity of $\text{HNO}_3$ is	A. 1.35 B. 1.53 C. 1.39 D. 1.93
13	Colour of $\text{N}_2\text{O}_4$ is	A. Raddish brown B. Yellow C. Colourless D. green
14	Ring test is given by ions.	A. Nitrides B. Nitrates C. Cyanates D. Nitriles
15	Which is an inert gas?	A. Nitrogen B. Oxygen C. Hydrogen D. CO

16	Nitrogen is present in atmosphere	A. 36% B. 78% C. 89% D. 21%
17	Nitrogen is present in atmosphere	A. 21% B. 36% C. 89% D. 78%
18	Which element of group IV-A does not use d-orbital?	A. N B. P C. As D. Sb
19	Which property is not present in non-metals:	A. Predominantly covalent B. Poor conductor C. High E.N. Value D. High electropositivity
20	Calcium carbonates contains oxygen in it:	A. 48% B. 50% C. 53% D. 60%
21	Nitrogen is present in atmosphere by weight:	A. 75% B. 76% C. 77% D. 78%
22	Aqua Regia has ration of conc. HCl and HNO <sub>3</sub> .	A. 1 : 2 B. 1 : 3 C. 1 : 4 D. 2 : 3
23	NO <sub>2</sub> forms acidic solution:	A. Red B. Blue C. Green D. Brown
24	Tungsten and Uranium are turned to an reaction with HNO <sub>3</sub> :	A. Oxides B. chlorides C. Nitrides D. Nitrates
25	SO <sub>2</sub> is not absorbed in water directly to or H <sub>2</sub> SO <sub>4</sub> because:	A. The reaction does not go to completion B. the reaction is quite slow C. the reaction is exothemic D. SO <sub>3</sub> is insolublein water
26	Out of all the elements of group VI-A the highest melting and boiling points is shown by the elements:	A. Te B. Se C. S D. Pb
27	Among group V-A elements, the most electronegative element is:	A. Sb B. N C. P D. As
28	Out of all the elements of group V-A , the highest ionization energy is possessed by:	A. N B. P C. Sb D. Bi
29	Which element of group IV-A does not use d — orbital?	A. N B. P C. As D. Sb
30	Which property is not present in non-methals	A. Predominantly covalent B. Poor conductor C. Hig E.N. value D. High electropositivity