

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

| Sr | Questions | Answers Choice |
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| 1 | All elements of group VI-A non-metal except | A. Te B. S C. Se D. Po |
| 2 | Out of all the elements of group V-A , the highest ionization energy is possessed by: | A. N B. P C. Sb D. Bi |
| 3 | Nitrogen is present in atmosphere by weight: | A. 75% B. 76% C. 77% D. 78% |
| 4 | Which is laughing gas? | A. NO B. N_2O C. NO_2 D. NO_3 |
| 5 | Which property is not present in non-metals: | A. Predominantly covalent B. Poor conductor C. High E.N. Value D. High electropositivity |
| 6 | Nitrogen is present in atmosphere by weight | A. 75% B. 76% C. 77% D. 78% |
| 7 | The most stable phosphorus allotrope is | A. White B. Red C. Black D. All |
| 8 | Laughing gas is chemically | A. NO B. N_2O C. NO_2 D. N_2O_4 |
| 9 | Among group V-A elements, the most electronegative element is: | A. Sb B. N C. P D. As |
| 10 | What are non-metals? | A. Sb & Bi B. P & Bi C. N & P D. As & N |
| 11 | Allotropic forms of oxygen Te, Se are | A. Two B. Three C. Four D. Five |
| 12 | Group VI-A elements are called: | A. Halogens B. Electron deficient C. alkaline earth metal D. Chalcogens |
| 13 | Allotropic forms of phosphorus are | A. three B. four C. five D. six |
| 14 | Calcium carbonates contains oxygen in it: | A. 48% B. 50% C. 53% D. 60% |
| 15 | Which element of group IV-A does not use d-orbital? | A. N B. P C. As D. Sb |

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| 16 | Ring testis given by ions. | A. Nitrides B. Nitrates C. Cyanates D. Nitriles |
| 17 | Nitrogen is present in atmosphere | A. 21% B. 36% C. 89% D. 78% |
| 18 | Oxidation of NO in air produces | A. N_2O B. N_2O_3 C. N_2O_4 D. N_2O_5 |
| 19 | Out of all the elements of group V-A, the highest ionization energy is possessed by | A. N B. P C. Sb D. Bi |
| 20 | NO_2 forms acidic solution | A. Red B. Blue C. Green D. Brown |