

PPSC Chemistry Part III Inorganic Chemistry Online Test

| Sr | Questions | Answers Choice |
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| 1 | The formula of hexa borane is. | A. B4H10 B. B6 H10 C. B5 H9 D. B8 H12 |
| 2 | Which of the following ahs non zero dipole moment. | A. NH3 B. SF6 C. BF3 D. CO2 |
| 3 | Hemimorphite is an example of. | A. Orthosilicate B. Pyrosilicate C. Cyclic silicate D. Meta silicate |
| 4 | The common oxidation state of elements of group V A is. | A3 B. +3 C. +5 D. Any above |
| 5 | The carbonate of which of the following will have highest lattice energy. | A. Barium B. Magnesium C. Calcium D. Strontium |
| 6 | Group VII A of periodic table consist of elements. | A. 4 B. <div>5</div> C. 6 D. 7 |
| 7 | The electron gain enthalpy of chlorine is -349 Kj mol-1 ionization energy of Cl would be. | A349 kJ mol -1 B. 349 kJ mol-1 C698 kJ mol-1 D. 698 kJ mol-1 |
| 8 | Stable metal ions strictures are. | A. Noble gas structure B. Is electron group structure C. Transition metal in structure D. All of the above |
| 9 | The gases that are responsible for green house effect are. | A. CO2 & D. All above |
| 10 | Which of the following carbonates decomposes at the highest temperature. | A. Mg CO3 B. CaCO3 C. Sr CO3 D. Ba CO3 |
| 11 | When Phosphate rock Ca3(PO4) 2 is converted to phosphorus. | A. One of the products of the reaction is water B. Sulphuric acid is added to generate insoluble calcium sulphate C. Hydrogen is used to reduce the phosphate to phosphorus D. Silica is added to form a calcium silicate slag |
| 12 | The process in which ore is heated generally in the presence of air, at temperature below their melting points is called. | A. Calcination B. Roasting C. Fourth floatation D. besemerization |
| 13 | Which element amongst the following has the highest boiling point. | A. Na B. Mg C. Ca D. K |
| 14 | Which of the following compounds combines with hemoglobin. | A. CO2 B. CO C. NO D. N2 |
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| 15 | The suffix "ate" at the end of the name of the compiled signifies that it is. | A. Cation B. Anion C. Neutral D. None of above |
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| 16 | Lead pencil contain | A. LeadB. Lead sulphideC. a mixture of lead and silicaD. graphite |
| 17 | Drying agent which react with CO2 and removes water vapours is. | A. CaO B. CaCl2 C. CaCO3 D. Ca(NO3)2 |
| 18 | Group VA of the periodic table consist of elements. | A. 3 B. 4 C. 5 D. 6 |
| 19 | The state of hybridization of carbon in CO2 is | A. sp2 B. sp C. sp3 D. dsp2 |
| 20 | Nitric acid is used in manufacturing of. | A. Explosive B. H2SO4 C. Fertilizer D. All above |