

PPSC Chemistry Part III Inorganic Chemistry Online Test

| Sr | Questions | Answers Choice |
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| SI | Questions | A. [Pr(CN)4]2 |
| 1 | Consider the coordination compound Na2[Pt(CN)4] the Lewis and is | B. Na+ C. Pt D. Pt2+ |
| 2 | A chemical reaction resulting in a change in the electric charge on the reacting particles may be called as. | A. Add ion reaction B. Redox reaction C. Elimination reaction D. Chain reaction |
| 3 | Alumina is not used as | A. Refractory material B. A medium in chromatography C. An abrasive D. A White pigment |
| 4 | What element is the most abundant by mass in the Earth's crust. | A. Fe B. H C. O D. K |
| 5 | In the purification of bauxite , the ore is fused with sodium carbonate in the process | A. Baeyer's process B. Hall's process C. Serpeck's process D. Any of above |
| 6 | Group III A of the periodic table consist of elemetrs. | A. 3 B. 4 C. 5 D. 6 |
| 7 | The unit of sodium chloride structure is. | A. Linear B. Cubic C. Tetrahedral D. Square planner |
| 8 | In which pair of species, the Lewis formula contain same number of Lone pairs and bond pairs but they are not iso electronci. | A. O2 B2 B. SO2, O3 C. PCI3, BF3 D. SOCI2, COCI2 |
| 9 | Which of the following element has six electrons in the valance shell but cannot exhibit a maximum co valency of six. | A. Sulpher B. Oxygen C. Salenium D. Both A and B |
| 10 | Which of the following is not true of ozone. | A. It is a strong electilizing agent B. It attacks organic compounds containing carbon carbon double bond C. Its molecular is linear and has tw different O-O bond lengths D. It is more powerful oxidising ager at molecular oxygen |
| 11 | In Dannis's method the end of the copper caps into which graphite electrode are fixed with cement. | A. Portiant B. Bakelite C. Asbestos D. All of above |
| 12 | The important condition for the formation of chemical bond is that. | A. Their electron clouds should not diffuse B. Both atoms should have high electron affinites. C. Both atoms should have same electronegativities D. The process should be accompanied by the lowering in potential energy. |
| 13 | SO3 exists in form | A. a -so3 B. b-SO3 C. gama SO3 D. All above |
| | | A. K+ and CN- |

| 14 | Consider the coordination compound K2[Cu(CN)4] A coordinate covalent bond exists between | B. Cu2+ and CN- C. K_ and [Cu(CN)4]2+ D. C and N in Cn |
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| 15 | Zeigler Natta catalyst is. | A. Pt/PtO B. TiCl4/Al(C2H5)3 C. Pt/Rh D. Pt |
| 16 | In group theory the triple degenerate set is denoted by | A. eg B. t2g C. e2g D. tg |
| 17 | The silicate chains are present in | A. Silica B. asbestos C. Beryl D. Clays |
| 18 | Considering the elements F, Cl ,O and N, the correct order of their chemical reactivity in terms of oxidizing property is. | A. F > Cl > N B. F > O > Cl > N C. Cl > F > O > N D. O > F > N > Cl |
| 19 | The electrolysis of molten metal hydride will produce dihydrogen gas. | A. At cathode B. At anode C. At both the electrodes D. At none of the electrodes |
| 20 | The bond formed by complete transfer of electrons from electropositive to more electronegative atom is called. | A. lonic bond B. Covalent bond C. Mettalic bond D. Co ordinates bond |