

PPSC Chemistry Part III Inorganic Chemistry Online Test

Sr	Questions	Answers Choice
1	Chlorine is used in	A. Sterilizatin of water B. Extractionof gold C. Bleaching of cotton D. All above
2	Lother Meyer plotted a graph showing variation of.	A. Atomic volume with increase in atomic number B. Atomic volume with increase in atomic weight C. Atomic redii with increase in atomic weight. D. Atomic weight which increase in atomic number
3	The most stable oxidation state of chromium is.	A. +6 B. +3 C. +4 D. +2
4	Which of the following elements forms maximum number of compounds.	A. Carbon B. Silicon C. Hydrogen D. Fluorine
5	Potassium reacts with excess of oxygen to form	A. K2O B. K2O2 C. KO2 D. K2O3
6	The oxidation state shown by phosphorus is.	A 3 B. + 3 C. + 3 and +5 D3, + 3 and +5
7	H-Bond has a preferred bonding direction like	A. lonic bond B. Covalent bond C. Co ordinate bond D. None of these
8	The solution of the transition metal complexes having one or more unpaired electrons in the d-orbital are.	A. Coloured B. Colourless C. White D. None of above
9	Xenan hexaflouride at 47.7 °C is	A. Colorless solid B. yellow solid C. Yellow liquid D. Colorless liquid
10	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
11	lonization potential of carbon is.	A. 11.2 B. 7.8 C. 8.1 D. 7.3
12	Which of the following has maximum number of unpaired electrons.	A. Fe3+ B. Fe2+ C. Co2+ D. CO3+
13	The valence shell electronic configuration of group III A is.	A. ns1 p2 B. ns2 p1 C. ns3p2 D. ns2p2
14	The state of hybridization of Xe in Xe F6 are	A. sp2 B. sp3 C. sp3 d D. dsp3
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15	The pH Value 4.2 is of	A. Vinegar B. Lemons C. Oranges D. Tomatoes
16	Which is incorrect statement for Xe F2.	A. It has linear structure. B. It is hydrolyzed rapidly in aqueous solution of a base C. It oxidizes Cl and I to Cl2 and I 2 respectively D. It cannot act as F donor
17	Borax exist in the form	A. Ordinary borax B. Octahdral borax C. Borax glass D. All above
18	An explosive	A. NitroglycerineB. TrinitrotolueneC. Fluorine perchlorateD. All above
19	In which of the following species the bonds are non directional.	A. NCI3 B. RbCI C. BeCI2 D. BCI3
20	Which one of the following ions is colourless.	A. Cu+ B. Co2+ C. Ni2+ D. Fe3+