

PPSC Chemistry Part III Inorganic Chemistry Online Test

Sr	Questions	Answers Choice
1	Pick out incorrect statement regarding HF	A. It is used for making chlorofluorocarbon used as refrigerating fluids and as propellants in aerosols B. It is used in making ASIF3 and synthetic cryolite C. Aqueous HF is used for etching glass D. HF does not react with B ₂ O ₃ even in presence of conc. H ₂ SO ₄
2	Which is the strongest reducing agent.	A. HF B. HCl C. HBr D. HI
3	The halide which is inert to water is	A. PCl ₅ B. SiCl ₄ C. BCl ₃ D. SF ₃
4	Which one of the following has the biggest electron affinity.	A. F ₂ B. Cl ₂ C. Br ₂ D. I ₂
5	The fluoride tooth paste contains	A. SnF ₂ and SnP ₂ O ₇ B. NaF C. CaF ₂ D. None of these
6	Chlorine gas acts as a bleaching agent only in presence of.	A. dry air B. Moisture C. Sunlight D. Pure oxygen
7	Which of the following is a false statement.	A. Halogens are strong oxidizing agent B. Halogens show only (-I) Oxidation state C. Hf molecules form intermolecular H-Bonds D. Fluorine is highly reactive
8	Which of the following is the strongest oxidant.	A. F ₂ B. Cl ₂ C. Br ₂ D. I ₂
9	Which number of halogen family does not show positive oxidation state.	A. Fluorine B. Chlorine C. Bromine D. Iodine
10	Which of the halogens has lowest bond energy.	A. Cl ₂ B. Br ₂ C. F ₂ D. I ₂
11	pK _a value of hyponitrous acid is.	A. -7.0 B. 8.9 C. 4.1 D. 6.6
12	Example of pseudohalogen group.	A. Cyanogen B. Thiocyanogen C. Selenocyanogen D. All above
13	ClF is	A. Chlorine monofluoride B. Fluorine C. Monochlorine fluoride D. Monofluorine chloride

14	Inter halogens are of types.	B. 4 C. 5 D. 6
15	Highly dangerous acid and produces severe wounds on the skin.	A. HClO B. HClO ₂ C. HClO ₃ D. HClO ₄
16	HClO ₂ gives the structure of a.	A. Linear B. Angular C. trigonal pyramidal D. Tetra hddral
17	HClO evolves Cl ₂ and O ₂ when dissolve	A. Ca B. Ni C. Cu D. Any of above
18	Increasing oxygen contents in oxyacids leads to.	A. An increase in thermal stability B. An increase in acid strength C. A decrease in oxidizing power D. All above
19	The oxidation state of HClO ₄	A. + 7 B. + 3 C. + 5 D. + 1
20	iodine is used as a	A. Photography B. Manufacture of dyes C. Analgesic D. All above