

PPSC Chemistry Full Book Test

Sr	Questions	Answers Choice
1	Which can be purified by sublimation	A. F ₂ B. Cl ₂ C. Be ₂ D. I ₂
2	What element is the most abundant by mass in the Earth's crust.	A. Fe B. H C. O D. K
3	Which of the following is the active ingredient in ordinary household bleach.	A. HCl B. Cl ₂ C. NaCl D. NaClO
4	Which of the following halogen exist in solid state.	A. F ₂ B. I ₂ C. Cl ₂ D. Br ₂
5	HClO ₄ , HNO ₃ and HCl are all strong acids in aqueous solution in glacial acetic acid medium, their acid strength is such that.	A. HClO ₄ > HCl > HNO ₃ B. HNO ₃ > HClO ₄ > HCl C. HCl > HClO ₄ > HNO ₃ D. HCl > HClO ₄ > HNO ₃
6	Which of the following is a pseudohalide.	A. I ₃ ⁻ B. IF ₇ C. CN ⁻ D. ICl
7	Pick out the incorrect statement for ClF ₃	A. It has trigonal planar geometry B. It is used to make gaseous UF ₆ which is useful in making enriched U-235 fuel C. It is used as powerful fluorinating agent for inorganic compounds D. ClF ₂ has been used as fuel in short range rockets reacting with hydrazine.
8	The following oxo acids have been arranged in the order decreasing acid strength identify the correct order.	A. III > IV > II > I B. III > II > I > IV C. I > II > III > IV D. IV > III > II > I
9	Which of the following has the maximum ionic character.	A. HF B. HCl C. HI D. HBr
10	Which of the following compounds has highest boiling point.	A. HI B. HF C. HBr D. HCl
11	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 ASIF ₃ 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
12	Which is the strongest reducing agent.	A. HF B. HCl C. HBr D. HI
13	The halide which is inert to water is	A. PCl ₅ B. SiCl ₄ C. BCl ₃ D. SF ₃

14	Which one of the following has the biggest electron affinity.	A. F ₂ B. Cl ₂ C. Br ₂ D. I ₂
15	The fluoride tooth paste contains	A. SnF ₂ and Sn ₂ P ₂ O ₇ B. NaF C. CaF ₂ D. None of these
16	Chlorine gas acts as a bleaching agent only in presence of.	A. dry air B. Moisture C. Sunlight D. Pure oxygen
17	Which of the following is a false statement.	A. Halogens are strong oxidizing agent B. Halogens show only (-I) Oxidation state C. Hf molecules from intermolecular H-Bonds D. Fluorine is highly reactive
18	Which of the following is the strongest oxidant.	A. F ₂ B. Cl ₂ C. br ₂ D. I ₂
19	Which number of halogen family does not show positive oxidation state.	A. Fluorine B. Chlorine C. Bromine D. Iodine
20	Which of the halogens has lowest bond energy.	A. Cl ₂ B. Br ₂ C. F ₂ D. I ₂
21	pKa value of hyponitrous acid is.	A. -7.0 B. 8.9 C. 4.1 D. 6.6
22	Example of peseudohalonge group.	A. Cyanogen B. Thiocyanogen C. Selenocyanogen D. All above
23	ClF is	A. Chlorine monofluoride B. Fluourine C. Monochlorine fluoride D. Monofluorine chloride
24	Inter halogens are of types.	A. 3 B. 4 C. 5 D. 6
25	Highly dangerous acid and produces severe wounds on the skin.	A. HClO B. HClO ₂ C. HClO ₃ D. HClO ₄
26	HClO ₂ gives the structure of a.	A. Linear B. Angular C. trigonal pyramidal D. Tetra hddral
27	HClO evolves Cl ₂ and O ₂ when dissolve	A. Ca B. Ni C. Cu D. Any of above
28	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
29	The oxidation state of HClO ₄	A. + 7 B. + 3 C. + 5 D. + 1
30	iodine is used as a	A. Photography B. Manufacture of dyes C. Analgesic D. All above

