

ECAT Chemistry Chapter 16 The Halogens and The Noble Gases

Sr	Questions	Answers Choice
1	Hydrogen bond is the strongest between the molecules of:	A. HF B. HCl C. HBr D. HI
2	Non sticking coating in cooking utensils is done by	A. Iron B. Cooper C. Plastic D. Teflon
3	Which of the following hydrogen halide is the weakest acid in solution	A. HF B. HBr C. HI D. HCl
4	An element that has a high ionization energy and tends to be chemically inactive would most likely to be:	A. an alkali metal B. a transition element C. a noble gas D. a halogen
5	Radioactive element in halogens is	A. Astatine B. bromine C. Iodine D. Fluorine
6	Gaseous HF exists in the form of	A. Monomers B. Cyclic hexamers C. As single entity D. Both a and b
7	Half life period of astatine is	A. 8.1 hrs B. 8.2 Hrs C. 8.3 hrs D. 8.4 hrs
8	Which is present as a result of radioactive decay on earth?	A. He B. Ne C. Ar D. Kr
9	Which noble gas is used in mixture used for breathing by divers?	A. Cl ₂ B. NH ₃ C. CO ₂ D. He
10	The noble gases are	A. Mono atomic B. Diatomic C. Polyatomic D. All
11	Oxidation state of fluorine is:	A. +1 B. +2 C. -1 D. -2
12	Smell of halogens is:	A. Fruity B. Sweet C. Irritating D. Rotten egg
13	Which halogen has lustrous shining?	A. F ₂ B. Cl ₂ C. Br ₂ D. I ₂
14	Noble gases in the atmosphere are	A. 4% B. 3% C. 2% D. 1%
15	Hydrogen bond is the strongest between the molecules of	A. HF B. HCl C. HBr D. HI

16	I_2O_5 is used for quantitative study of	A. CO_2 B. NO_2 C. NO D. CO
17	Which halogen will react spontaneously with Au(s) to produce Au^{3+}	A. Br_2 B. F_2 C. I_2 D. Cl_2
18	Bleaching powder is prepared by the reaction of Cl_2 with.	A. Lime stone B. Lime water C. slaked lime D. Lime
19	Bleaching powder is agent:	A. Dehydrating B. Oxidizing C. reducing D. all
20	Which has complete valence shell?	A. C B. N C. O D. Ne