

ECAT Chemistry Chapter 16 The Halogens and The Noble Gases

Sr	Questions	Answers Choice
1	Half life period of astatine is	A. 8.1 hrs B. 8.2 Hrs C. 8.3 hrs D. 8.4 hrs
2	Chlorine heptoxide (Cl ₂ O ₇) reacts with water to form	A. Hypochlorous acid B. chloric acid C. Perchloric acid D. Chlorine and Oxygen
3	Which halogen occurs naturally in a positive oxidation state?	A. Fluorine B. Chlorine C. Bromine D. Iodine
4	Which is volatile liquid?	A. HF B. HCl C. HBr D. HI
5	Which is the strongest acid?	A. HClO B. HClO ₂ C. HClO ₃ D. HClO ₄
6	Angle is OF ₂ is	A. 120 ^o B. 180 ^o C. 105 ^o D. 102 ^o
7	Perchloric acid can be stored in solution form	A. 47% B. 57% C. 67% D. 77%
8	Nobel gases are placed group:	A. Group IV-A B. Group V-A C. Group VI-A D. Group VII-A
9	Radioactive element in halogens is	A. Astatine B. bromine C. Iodine D. Fluorine
10	The available chlorine is bleaching power is	A. 25-30% B. 30-35% C. 35-40% D. 40-45%
11	Colour of fluorine gas is	A. Pale yellow B. Greenish yellow C. Red brown D. greyish black
12	Which has the least oxidizing power?	A. F ₂ B. Cl ₂ C. Br ₂ D. I ₂
13	Which compound of noble gas xenon can be prepared?	A. Oxides B. Fluoride C. Oxyfluorides D. All of these
14	Colour of bromine is	A. Pale yellow B. Greenish yellow C. Red brown D. Greyish black
15	Which is present as a result of radioactive decay on earth?	A. He B. Ne C. Ar D. Kr

16	Halogens are called.	A. salt former B. Light bearing C. copper forming D. None of these
17	Smell of halogens is:	A. Fruity B. Sweet C. Irritating D. Rotten egg
18	The compound with cyclic hexamer is	A. HF B. HCl C. HBr D. HI
19	Oxidation state of fluorine is	A. +1 B. +2 C. -1 D. -2
20	The most reactive elements are:	A. Group IV-A B. Group V-A C. Group VI-A D. Group VII -A
