

ECAT Chemistry Chapter 16 The Halogens and The Noble Gases

Sr	Questions	Answers Choice
1	Which halogen has lustrous shining?	A. F ₂ B. Cl ₂ C. Br ₂ D. I ₂
2	A property which differs fluorine from the other halogens?	A. Direct combination with inert gases B. Uninegative C. Diatomic D. ns ² , np ⁵
3	Colour of fluorine gas is	A. Pale yellow B. Greenish yellow C. Red brown D. greyish black
4	the anhydride of HClO ₄ is	A. ClO ₃ B. ClO ₂ C. Cl ₂ O ₅ D. Cl ₂ O ₇
5	Which has complete valence shell?	A. C B. N C. O D. Ne
6	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
7	Which is used in arc welding and cutting?	A. He B. Ne C. Ar D. Kr
8	Bleaching powder is prepared by the reaction of Cl ₂ with.	A. Lime stone B. Lime water C. slaked lime D. Lime
9	The strongest hydrogen bond is in	A. HF B. HCl C. HBr D. HI
10	The noble gases are	A. Mono atomic B. Diatomic C. Polyatomic D. All
11	Which is used as cooling medium in nuclear reactors?	A. He B. Ne C. Ar D. Kr
12	Radioactive element in halogens is	A. Astatine B. bromine C. Iodine D. Fluorine
13	Astatine belongs to group	A. I-A B. II-A C. III-A D. VII-A
14	Noble gases in the atmosphere are	A. 4% B. 3% C. 2% D. 1%
15	Astatine belongs to group:	A. I-A B. II-A C. III-A D. VII-A

16	Which noble gas is used in mixture used for breathing by divers?	A. Cl_2 B. NH_3 C. CO_2 D. He
17	The strongest acid is	A. HF B. HCl C. HBr D. HI
18	Colour of chlorine is	A. Pale yellow B. Greenish yellow C. Red brown D. Greyish black
19	Smell of halogen is	A. Fruity B. Sweet C. Irritating D. Rotten egg
20	Which halogen will react spontaneously with Au(s) to produce Au^{3+}	A. Br_2 B. F_2 C. I_2 D. Cl_2