ECAT Chemistry Chapter 16 The Halogens and The Noble Gases

Sr	Questions	Answers Choice
1	The most reactive elements are:	A. Group IV-A B. Group V-A C. Group VI-A D. Group VII -A
2	The noble gases are	A. Mono atomio B. Diatomic C. Polyatomic D. All
3	Oxidation state of fluorine is	A. +1 B. +2 C. -1 D. -2
4	Radioactive element in halogens is	A. Astatine B. bromine C. Iodine D. Fluorine
5	Which of the following hydrogen halide is the weakest acid in solution?	A. HF B. HBr C. HI D. HCl
6	Which has the least oxidizing power?	A. F₂ B. Cl₂ C. Br₂ D. I₂
7	Colour of chlorine is	A. Pale yellow B. Greenish yellow C. Red brown D. Greyish black
8	The available chlorine is bleaching power is	A. 25-30% B. 30-35% C. 35-40% D. 40-45%
9	Bleaching powder may be produced by passing chlorine over	A. Calcium carbonate B. Hydrated calcium sulphate C. Anhydrous calcium sulphate D. Calcium hydroxide
10	Smell of halogens is:	A. Fruity B. Sweet C. Irritating D. Rotten egg
11	The strongest acid is	A. HF B. HCl C. HBr D. HI
12	Which is used as cooling medium in nuclear reactors?	A. He B. Ne C. Ar D. Kr
13	Which is used in bacterial lamps	A. He B. Ne C. Ar D. Kr
14	Which is used in arc welding and cutting?	A. He B. Ne C. Ar D. Kr
15	Which halogen has lustrous shining?	A. F₂ B. Cl₂ C. Br₂ D. I₂

16	Which is volatile liquid?	A. HF B. HCl C. HBr D. HI
17	Noble gases are placed in group	A. Group IV-A B. Group V-A C. Group VI-A D. Group VII-A
18	Chlorine heptoxide (Cl_2O_7) reacts with water to form	A. Hypochlorous acid B. chloric acid C. Perchloric acid D. Chlorine and Oxygen
19	Which is present as a result of radioactive decay on earth?	A. He B. Ne C. Ar D. Kr
20	Oxidation state of fluorine is:	A. +1 B. +2 C. -1 D. -2