

## Chemistry Fsc Part 2 Chapter 5 Online Test

Sr	Questions	Answers Choice
1	Chlorine heptoxide (Cl <sub>2</sub> O <sub>7</sub> ) reacts with water to form	A. Hypochlorous acid B. Chloric acid C. Perchloric acid D. Chlorine and oxygen
2	Colour of which halogen is not correctly related.	A. F <sub>2</sub> --- colourless gas B. Cl <sub>2</sub> ---- greenish yellow gas C. Br <sub>2</sub> ----- Reddish brown liquid D. I <sub>2</sub> ----- grayish Black solid
3	Which element form maximum compounds with Xenon	A. F B. Cl C. Br D. I
4	Chlorine heptoxide reacts with water to form	A. Hypochlorous acid B. Chloric acid C. Perchloric acid D. Chlorine and oxygen
5	Which of the following hydrogen halide is the weakest acid in solution.	A. HF B. HBr C. HI D. HCl
6	The anhydride of HClO <sub>4</sub> is	A. ClO B. ClO <sub>2</sub> C. ClO <sub>3</sub> D. Cl <sub>2</sub> O <sub>7</sub>
7	Which of the following noble gas is used for arc welding and cutting	A. Helium B. Argon C. Xenon D. Radon
8	Hydrogen bond is the strongest between the molecules of	A. HF B. HCl C. HBr D. HI
9	Which one of the following noble gases is least polarizable	A. He B. Ne C. Ar D. Kr
10	Which raw material is used for preparation of bleaching powder.	A. Cl <sub>2</sub> and H <sub>2</sub> O B. Cl <sub>2</sub> and Lime C. Cl <sub>2</sub> and HOCl D. HCl and Lime
11	Bleaching powder may be produced by passing chlorine over	A. calcium carbonate B. hydrated calcium sulphate C. calcium hydroxide D. magnesium hydroxide
12	Which substance is used in photography	A. AgCl B. AgBr C. AgI D. Ag <sub>3</sub> PO <sub>4</sub>
13	Which halogen will react spontaneously with Au to produce Au <sup>3+</sup>	A. Br <sub>2</sub> B. F <sub>2</sub> C. I <sub>2</sub> D. Cl <sub>2</sub>
14	The halogens are best described by which of the following statements.	A. Their outer shell is complete B. Most of them are colourless C. They all are oxidizing agent D. They all are gases at room temperature
15	Which one of the following uses is not correctly related with the halogen.	A. fluorine ----- Teflon B. Chlorine -----Bleaching powder C. Bromine -----PVC plastics D. Iodine -----Disinfectant

D. Iodine -----Iodex

16	The gas used in bactericidal lamps is	A. Be B. Ar C. Kr D. Xe
17	XeF <sub>6</sub> n hydrolysis produces.	A. XeOF <sub>2</sub> B. XeOF <sub>3</sub> C. XeOF <sub>4</sub> D. XeF <sub>2</sub>
18	Which gas has highest boiling points.	A. He B. Ne C. Ar D. Kr
19	An element that has 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
20	Which statement is correct about the given reaction. $2\text{NaOH} + \text{Cl}_2 \longrightarrow \text{NaCl} + \text{NaClO} + \text{H}_2\text{O}$	A. Cl is oxidized and O is reduced B. Cl is reduced and O is oxidized C. Cl is oxidized as well as reduced D. Neither Cl nor oxygen is reduced or oxidized