

## Chemistry Fsc Part 2 Chapter 5 Online Test

Sr	Questions	Answers Choice
1	The most ionic is	A. HF B. HCl C. HBr D. HI
2	Which acid can not be stored in glass bottles.	A. HCl B. HF C. H <sub>2</sub> SO <sub>4</sub> D. HNO <sub>3</sub>
3	Which one of the following has highest melting and boiling points.	A. HF B. HBr C. HCl D. HI
4	Bromine can be liberated from KBr solution by the action of.	A. I <sub>2</sub> solution B. Chlorine C. NaCl D. KI
5	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
6	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 ----- Iodex
7	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
8	Stability of halogen molecules decreases from	A. F <sub>2</sub> to I <sub>2</sub> B. Cl <sub>2</sub> to I <sub>2</sub> C. I <sub>2</sub> to F <sub>2</sub> D. I <sub>2</sub> to Cl <sub>2</sub>
9	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
10	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
11	Which halogen occurs naturally in a positive oxidation state.	A. Fluorine B. Chlorine C. Bromine D. Iodine
12	Bleaching powder may be produced by passing chlorine over.	A. Calcium carbonate B. Hydrated calcium sulphate C. Anhydrous calcium sulphate D. Calcium hydroxide
13	The anhydride of HClO <sub>4</sub> is	A. ClO <sub>3</sub> B. ClO <sub>2</sub> C. Cl <sub>2</sub> O <sub>5</sub> D. Cl <sub>2</sub> O <sub>7</sub>
14	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>
15	Hydrogen bond is the strongest between the molecules of.	A. HF B. HCl C. HBr D. HI

D. HI

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Chlorine heptoxide reacts with water to form

- A. Hypochlorous acid
- B. Chloric acid
- C. Perchloric acid
- D. Chlorine and oxygen

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Which of the following hydrogen halide is the weakest acid in solution.

- A. HF
- B. HBr
- C. HI
- D. HCl