

Chemistry Fsc Part 2 Chapter 5 Online Test

Sr	Questions	Answers Choice
1	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
2	Stability of halogen molecules decreases from	A. F ₂ to I ₂ B. Cl ₂ to I ₂ C. I ₂ to F ₂ D. I ₂ to Cl ₂
3	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
4	Which halogen occurs naturally in a positive oxidation state	A. Fluorine B. Chlorine C. Bromine D. Iodine
5	Which is the strongest acid	A. HClO B. HClO ₂ C. HClO ₃ D. HClO ₄
6	Bromine can be liberated from KBr solution by the action of.	A. I ₂ solution B. Chlorine C. NaCl D. KI
7	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
8	Hydrogen bond is the strongest between the molecules of.	A. HF B. HCl C. HBr D. HI
9	Chlorine heptoxide (Cl ₂ O ₇) reacts with water to form	A. Hypochlorous acid B. Chloric acid C. Perchloric acid D. Chlorine and oxygen
10	The anhydride of HClO ₄ is	A. ClO B. ClO ₂ C. ClO ₃ D. Cl ₂ O ₇
11	Which one is chlorous acid	A. HClO B. HClO ₂ C. HClO ₃ D. HClO ₄
12	Bleaching powder may be produced by passing chlorine over	A. calcium carbonate B. hydrated calcium sulphate C. calcium hydroxide D. magnesium hydroxide
13	Which element forms maximum compounds with Xenon	A. F B. Cl C. Br D. I
14	Which one is perchloric acid	A. HClO B. HClO ₂ C. HClO ₃ D. HClO ₄
15	In fluorescent tube, the gas filled is.	A. He B. Ne C. Ar D. Kr

		D. Xe
16	Which one of halogens is a liquid	A. F ₂ B. Cl ₂ C. Br ₂ D. I ₂
17	Which halogen occurs naturally in a positive oxidation state.	A. Fluorine B. Chlorine C. Bromine D. Iodine
18	Hydrogen bond is the strongest between the molecules of	A. HF B. HCl C. HBr D. HI
19	Which one of the following has highest melting and boiling points.	A. HF B. HBr C. HCl D. HI
20	Refrigeration capacity of liquid neon is greater than liquid helium by	A. 80 times B. 50 times C. 40 times D. 10 times