

MDCAT Chemistry Chapter 10 Groups Online Test

Sr	Questions	Answers Choice
1	Elements of group IV-A are	<p>A. neither strongly electropositive nor strongly electronegative</p> <p>B. strongly electropositive</p> <p>C. strongly electronegative</p> <p>D. none of these</p>
2	What is the formula of bauxite?	<p>A. $Al_2O_3 \cdot 2H_2O$</p> <p>B. Al_2O_3</p> <p>C. $Na_2B_4O_7 \cdot 10 H_2O$</p> <p>D. $Ca_2B_6O_{11} \cdot 5H_2O$</p>
3	Which pair of following pair is metalloid?	<p>A. Antimony and bismuth</p> <p>B. Phosphorous and arsenic</p> <p>C. Nitrogen and phosphorous</p> <p>D. Arsenic and antimony</p>
4	Which of the following are not known to form compounds in more than one oxidation state?	<p>A. Transition metals</p> <p>B. Halogens</p> <p>C. Alkali metals</p> <p>D. Noble gases</p>
5	Corrundam is ore of which element?	<p>A. Al</p> <p>B. Th</p> <p>C. In</p> <p>D. Mg</p>
6	Soda lime is often employed to remove both	<p>A. H_2O and NO_2</p> <p>B. CO_2, and NO_2,</p> <p>C. H_2O and CO_2</p> <p>D. H_2S and CO_2</p>
7	Asbestos is commonly used in making	<p>A. wall board</p> <p>B. black board</p> <p>C. soft board</p> <p>D. hard board</p>
8	The reaction between Cu and conc. H_2SO_4 produces	<p>A. Cu^{+2}</p> <p>B. SO_2</p> <p>C. SO_3</p> <p>D. H_2</p>
9	Li resembles with Mg, because	<p>A. the ratio of their charge to size is nearly the same</p> <p>B. both have nearly same size</p> <p>C. both are metallic in nature</p> <p>D. both are found together in nature</p>
10	Which of the following does not give flame test?	<p>A. Li</p> <p>B. Ba</p> <p>C. Mg</p> <p>D. Sr</p>
11	The alkaline earth metals are called so because they	<p>A. form alkaline solution and are present in earth crust as minerals</p> <p>B. form alkaline solution and are found in nature states</p> <p>C. are present in earth crust</p> <p>D. are present in earth crust as their minerals</p>
12	What is the formula of clay?	<p>A. Asbestos</p> <p>B. Talc</p> <p>C. $H_2Al_2(SiO_4)_2 \cdot H_2O$</p> <p>D. Na_2SiO_3</p>
13	What is the formula of talc or soapstone?	<p>A. $Na_2B_4O_7 \cdot 10H_2O$</p> <p>B. $H_2Mg_3(SiO_3)_4$</p> <p>C. Cu_2S</p> <p>D. $NaNO_3$</p>
14	Which set of elements is good loser of electrons	<p>A. F₂, Cl₂, Br₂</p> <p>B. N, P, As</p> <p>C. O, S, Se</p> <p>D. Li, Na, K</p>

15	What is the formula of cryolite?	A. $\text{Al}_2\text{O}_3 \cdot 2\text{H}_2\text{O}$ B. $\text{Na}_2\text{B}_4\text{O}_7 \cdot 10 \text{H}_2\text{O}$ C. Na_3AlF_6 D. $\text{Ca}_2\text{B}_6\text{O}_{11} \cdot 5\text{H}_2\text{O}$
16	Lithium differs from rest of members of its group due to which of following reasons	A. High E.N of Li^+ B. Small radius C. High charge density D. All above are correct
17	Which one of following property is not true about alkali metals?	A. Strongest bases due to their hydrides B. Low ionization energy C. Oxidation number more than +1 D. Form acidic oxides
18	One of the following metals is the most reactive and form super oxide. Indicate that	A. Mg B. K C. Be D. Li
19	Which of the following elements is most metallic	A. Bi B. sb C. As D. P
20	What is the formula of silica?	A. Si_2O_3 B. SiO_2 C. Si_3O_4 D. SiO^-