

## MDCAT Chemistry Chapter 10 Groups Online Test

Sr	Questions	Answers Choice
1	The elements of group I-A react violently with water and make the solution	A. neutral B. amphoteric C. acidic D. alkaline
2	Which one of the following elements is not an alkali metal?	A. Na B. Sr C. Cs D. Rb
3	Corrundam is ore of which element?	A. Al B. Th C. In D. Mg
4	Which compound gives carbon when heated with conc. H <sub>2</sub> SO <sub>4</sub> .	A. Starch B. Ethyl alcohol C. Oxalic acid D. Formic acid
5	What is the formula of dolomite?	A. CaMg <sub>3</sub> (SiO <sub>3</sub> ) <sub>4</sub> B. MgCO <sub>3</sub> C. MgCO <sub>3</sub> .CaCO <sub>3</sub> , D. MgSO <sub>4</sub>
6	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
7	Which is not mineral of Al?	A. Diaspore B. Corrundam C. Bauxite D. Galena
8	Beryllium differs from other elements of group II-A due to	A. high charge density B. comparatively high nuclear charge C. small radius D. all above
9	Fluorine is largely used in	A. rocket fuels B. making Teflon C. making freon D. All
10	Which of the following elements is most metallic	A. Bi B. sb C. As D. P
11	Which set of elements is good loser of electrons	A. F <sub>2</sub> , Cl <sub>2</sub> , Br <sub>2</sub> B. N, P, As C. O, S, Se D. Li, Na, K
12	Soda lime is often employed to remove both	A. H <sub>2</sub> O and NO <sub>2</sub> B. CO <sub>2</sub> , and NO <sub>2</sub> , C. H <sub>2</sub> O and CO <sub>2</sub> D. H <sub>2</sub> S and CO <sub>2</sub>
13	Elements of II-A group are called alkaline earth metals due to the reason that	A. they occur in earth only B. they form divalent cations only C. they have ns <sup>2</sup> electronic configuration D. their oxides and hydroxides are alkaline in nature and metals are present in earth crust
14	What is the formula of bauxite?	A. Al <sub>2</sub> O <sub>3</sub> .2H <sub>2</sub> O B. Al <sub>2</sub> O <sub>3</sub> C. Na <sub>2</sub> B <sub>4</sub> O <sub>7</sub> .10 H <sub>2</sub> O D. Ca <sub>2</sub> B <sub>6</sub> O <sub>11</sub> . 5H <sub>2</sub> O

15	The element which exhibits maximum catenation property is	A. C B. Pb C. Ge D. Sn
16	Li resembles with Mg, because	A. the ratio of their charge to size is nearly the same B. both have nearly same size C. both are metallic in nature D. both are found together in nature
17	Which of the following belongs to alkaline earth metals	A. Cu B. Zn C. Sn D. Mg
18	Which element differs from rest of elements of its group?	A. Ba B. Mg C. Ca D. Be
19	Which one of the following elements is most electropositive out of group I -A and II-A group?	A. K B. Mg C. Na D. Ca
20	The general electronic configuration of group IV-A elements is	A. $ns^2, np^6$ B. $ns^2, np^4$ C. $ns^2, np^3$ D. $ns^2, np^2$