

MDCAT Chemistry Chapter 10 Groups Online Test

Sr	Questions	Answers Choice
1	Which one of the following elements is not an alkali metal?	A. Na B. Sr C. Cs D. Rb
2	What is the formula of talc or soapstone?	A. $\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$ B. $\text{H}_2\text{Mg}_3(\text{SiO}_3)_4$ C. Cu_2S D. NaNO_3
3	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
4	Which of the following element has high m.p and b.p, it acts as a reducing agent, and can react with bases?	A. Sr B. Ca C. Be D. Mg
5	How magnesium reacts with water?	A. In frozen ice water B. With cold water C. In with steam D. In hot state
6	Plaster of Paris is obtained from	A. marble B. bauxite C. gypsum D. limestone
7	Formula of sodium beryllite is	A. $\text{Na}_2\text{B}_4\text{O}_7$ B. Na_2BeO_2 C. BeONa D. $\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$
8	One of the following metals is the most reactive and form super oxide. Indicate that	A. Mg B. K C. Be D. Li
9	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
10	Which is not mineral of Al?	A. Diaspore B. Corundam C. Bauxite D. Galena
11	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
12	Which set of elements is good loser of electrons	A. F, Cl, Br, I B. N, P, As C. O, S, Se D. Li, Na, K
13	Which element of group V-A and VII-A does not use d-orbital?	A. Nitrogen B. Sulphur C. Arsenic D. Chlorine
14	What is name of hydrated variety of quartz?	A. Rose quartz B. Smokey quartz C. Silica D. Opal
15	What is the formula of clay?	A. Asbestos B. Talc C. $\text{H}_2\text{Al}_2(\text{SiO}_4)_2 \cdot 2\text{H}_2\text{O}$ D. H_2SiO_2

16	The element which exhibits maximum catenation property is	A. C B. Pb C. Ge D. Sn
17	Which one of the following doesn't exhibit allotropy?	A. Bi B. As C. N D. P
18	Which pair of following pair is metalloid?	A. Antimony and bismuth B. Phosphorous and arsenic C. Nitrogen and phosphorous D. Arsenic and antimony
19	What is the formula of dolomite?	A. $\text{CaMg}_3(\text{SiO}_3)_4$ B. MgCO_3 C. $\text{MgCO}_3 \cdot \text{CaCO}_3$, D. MgSO_4
20	Which noble gas is used in mixture used for breathing by divers?	A. Ge B. Ar C. Kr D. He