MDCAT Chemistry Chapter 10 Groups Online Test

Sr	Questions	Answers Choice
1	One of the following does not give the flame test. Which is that	A. Sr B. Ba C. Be D. Na
2	Which one of the following elements is not an alkali metal?	A. Na B. Sr C. Cs D. Rb
3	What is the formula of talc or soapstone?	A. Na2B4O7.10H2O B. H2Mg3(SiO3)4 C. Cu2S D. NaNO3
4	Which of the following compounds is not known?	A. SbCl B. NCl3 C. Nl3 D. NCl5
5	Elements of group II-A are called	A. f-block elements B. s-block elements C. p-block elements D. d-block elements
6	What is the formula of dolomite?	A. CaMg3 (SiO3)4 B. MgCO3 C. MgCO3.CaCO3, D. MgSO4
7	The reaction between Cu and conc. H2SO4 produces	A. Cu+2 B. SO₂ C. SO₃ D. H₂
8	Which of the following configurations corresponds to alkaline earth metals?	A. [Ar] 3d10, 4s2 B. [Ne] 3d2, 3p2 C. [Ar] 4s2 D. [Ar], 3d10, 4s1
9	The general electronic configuration of group IV-A elements is	A. ns2, np6 B. ns2, np4 C. ns2, np3 D. ns2, np2
10	The alkaline earth metals are called so because they	A. form alkaline solution and are present in earth crust as minerals B. form alkaline solution and are found in nature states C. are present in earth crust D. are present in earth crust as their minerals
11	Corrundam is ore of which element?	A. Al B. Th C. In D. Mg
12	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
13	Which pair of following pair is metalloid?	A. Antimony and bismuth B. Phosphorous and arsenic C. Nitrogen and phosphorous D. Arsenic and antimony
14	What is the formula of magnesite?	A. PbS B. MgSO4. 7H2O C. MgCO3 D. CaCO3
		A. Na2B4O7

15	Formula of sodium beryllite is	B. Na_2BeO_2 C. BeONa D. $Na_2B_4O_7 .10 H_2O$
16	Which of the following does not give flame test?	A. Li B. Ba C. Mg D. Sr
17	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 ns2 electronic configuration D. their oxides and hydroxides are alkaline in nature and metals are present in earth crust
18	Lithium differs from rest of members of its group due to which of following reasons	A. High E.N of Li+1 B. Small radius C. High charge density D. All above are correct
19	What is the formula of silica?	A. Si_2O_3 B. SiO_2 C. Si_3O_4 D. SiO-
20	What is the formula of clay?	A. Asbestos B. Talc C. $H_2Al_2(SiO_4)_2.H_2O$ D. Na_2SiO_3