

1. Which of the following formulas is not correct?
A. K^+ B. O^{2-} C. Ca^{2+} D. F^+
2. The correct formula for the ionic compound formed from Sn^{4+} and O^{2-} is
A. Sn_4O_2 B. Sn_2O_4 C. Sn_2O D. SnO_2
3. Which compound is incorrectly named?
A. CuO
copper(I) oxide B. MgI_2
magnesium iodide C. CaS
calcium sulfide D. NaF
sodium fluoride
4. The correct formula of zinc hydrogen carbonate is?
A. $ZnHCO_3$ B. $ZnCO_3$ C. $Zn(HCO_3)_2$ D. $Zn_2(HCO_2)_3$
5. Provide the formula for iron(II) chromate
A. $FeCrO_4$ B. $Fe(CrO_4)_2$ C. $FeCr_2O_7$ D. $Fe_2Cr_2O_7$
6. Which of the following molecules contains a triple bond?
A. Cl_2 B. F_2 C. O_2 D. N_2
7. The compound BrI_3 is called
A. bromine triiodide B. bromide triiodine C. boron iodide D. bromine(III) iodide
8. The molecular geometry of NH_3 is
A. bent B. linear C. tetrahedral D. trigonal pyramidal
9. Which of the following bonds is classified as a **polar** covalent bond?
A. $H-Cl$ B. $Ca-O$ C. $Ca-S$ D. $Cl-Cl$
10. All of the following are nonpolar molecules except
A. Br_2 B. CO_2 C. N_2 D. HF

Answers

1	2	3	4	5	6	7	8	9	10
D	D	A	C	A	D	A	D	A	D