



# Altitude Classes

reach the heights

IIT – JEE

Class-IX-CHEMISTRY

Topic: Extension of Symbols and Formulae

Instructions:

1. Immediately fill your particulars by using a Blue/Black Pen Only.
2. There is only one correct answer for each question. Fill the bubble on the OMR to mark your answer.
3. Working should be done only in the space provided.
4. Don't fold or make any stray marks on the Answer Sheet.

Name: \_\_\_\_\_ Section: \_\_\_\_\_ Roll No: \_\_\_\_\_ School Id \_\_\_\_\_

1. Which one of the following compound is not made up of charged ions  
(1)  $\text{NH}_3$  (2)  $\text{NaCl}$  (3)  $\text{MgCl}_2$  (4)  $\text{CaO}$
2. Which one of the following elements does not give polyatomic molecules  
(1) Ne (2) P (3) Ni (4) Si
3. Which of the following are bi valent electropositive ions  
(1) Calcium (2) Barium (3) Magnesium (4) All
4. Which of the following represents Thiocyanate ion  
(1)  $\text{CN}^-$  (2)  $\text{OH}^-$  (3)  $\text{SCN}^-$  (4)  $\text{NC}^-$
5. The atomicity of the ozone molecule is  
(1) One (2) Two (3) Three (4) Four
6. The formula of aluminium sulphate is  
(1)  $\text{AlSO}_4$  (2)  $\text{Al}_2\text{SO}_4$  (3)  $\text{Al}_2(\text{SO}_4)_3$  (4)  $\text{Al}_3(\text{SO}_4)_2$
7. The molecular formula of glucose is  
(1)  $\text{C}_6\text{H}_{11}\text{O}_6$  (2)  $\text{C}_{12}\text{H}_{22}\text{O}_{11}$  (3)  $\text{C}_5\text{H}_{12}\text{O}_6$  (4)  $\text{C}_6\text{H}_{12}\text{O}_6$
8. The number of carbon atoms in hydrogen carbonate radical is:  
(1) One (2) Two (3) Three (4) Four
9. The formula of iron (III) sulphate is  
(1)  $\text{Fe}_3\text{SO}_4$  (2)  $\text{Fe}(\text{SO}_4)_3$  (3)  $\text{Fe}_2(\text{SO}_4)_3$  (d)  $\text{FeSO}_4$
10. Sodium carbonate is  $\text{Na}_2\text{CO}_3$ , that of calcium hydrogencarbonate will be:  
(1)  $\text{CaHCO}_3$  (2)  $\text{Ca}(\text{HCO}_3)_2$  (3)  $\text{Ca}_2\text{HCO}_3$  (4)  $\text{Ca}(\text{HCO}_3)_3$

OMR (Use HB Pencil Only)

1	① ② ③ ④	2	① ② ③ ④	3	① ② ③ ④	4	① ② ③ ④	5	① ② ③ ④
6	① ② ③ ④	7	① ② ③ ④	8	① ② ③ ④	9	① ② ③ ④	10	① ② ③ ④