



Altitude Classes

reach the heights

IIT – JEE

Class-VIII-CHEMISTRY

Topic: Basic 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. The atomicity of an element tells about:
 - (1) physical properties
 - (2) number of electrons
 - (3) number of atoms in one molecule
 - (4) its combining capacity
2. A formula tells about:
 - (1) number of atoms present in one molecule
 - (2) gives mathematical formula
 - (3) an element
 - (4) the source of the compound
3. The molecular formula is a short form representation of:
 - (1) a compound
 - (2) an element
 - (3) a mixture
 - (4) an alloy
4. The ion that is not univalent is:
 - (1) ammonium
 - (2) sodium
 - (3) bicarbonate
 - (4) sulphite
5. The trivial name of Na_2CO_3 is:
 - (1) soda ash
 - (2) soda carb
 - (3) soda
 - (4) baking soda
6. The bivalent ion/radical among the following is:
 - (1) nitride
 - (2) phosphide
 - (3) antimony
 - (4) sulphate
7. Valency of inert gases is:
 - (1) zero
 - (2) one
 - (3) three
 - (4) two
8. Bicarbonate ion is:
 - (1) HCO^-
 - (2) HCO^+
 - (3) HCO_3^-
 - (4) HCO_3^+
9. Phosphide and phosphate ions are:
 - (1) PO_4^{3-} and P^{3-}
 - (2) P^{3-} and PO_4^{3-}
 - (3) PO_3^{4-} and P^{4-}
 - (4) P^{4-} and PO_3^{4-}
10. Which of the following is not the correct formula?
 - (1) H_2S
 - (2) NaHSO_4
 - (3) SiO_2
 - (4) NaSiO_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