



Name

Roll No

SECTION - A

Time Allowed: 15 Minutes

Marks : 12

1. Shaving cream and whipped cream belongs to which class of colloid?
 SOI Gel Foam Emulsion
2. Why is potassium iodide (KI) considered as powerful reducing agent?
 Iodide ion is oxidized to iodine. Iodide ion is reduced to iodine. Iodine is reduced to iodide ion. Iodine is oxidized to iodide ion.
3. The oxidation number of hydrogen in H_2 is:
 +2 +1 0 -1
4. Metallic character is based on:
 How shiny something is. The destiny of a material An atom's ability to lose electron. The ability to conduct electricity.
5. In Sodium Chloride, Chlorine after gaining one electron attains the electronic configuration of:
 Neon Argon Krypton Xenon
6. Non-polar Covalent bond is formed when electro-negativities of two atoms is:
 Equal Unequal Zero Larger
7. Collisions of helium atoms and the walls of closed container cause:
 Condensation Pressure Decrease in volume An overall loss in energy
8. Which of the given solution is more dilute? 4.521
 $10^{-2}M$ $10^{-3}M$ 10^3M $10^{-4}M$
9. Symbol of Tin is:
 Sb Sn C.S Ti
10. The formula mass indicates the simplest ratio between:
 Cation Only Anions Only Atoms Ions
11. When electron does not radiate continuous energy, the spectrum will be:
 Continuous Spectrum Line Spectrum Hydrogen Spectrum Nuclear Spectrum
12. The fifth element of the first transition series is:
 Manganese Chromium Vanadium Titanium