

Chemistry (New Scheme)	Ninth Gujranwala Board 2019	Paper - I
Time: 15 Min.	Objective (Group - I)	Marks : 12

**Note:** Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that question.

**1.1** The Halogen which exists as solid at room temperature is:

- (A) chlorine (B) bromine  
(C) fluorine (D) iodine

**2** Which one of the following is non-electrolyte?

- (A) solution of acid (B) solution of sugar  
(C) solution of NaOH (D) solution of  $\text{Ca}(\text{OH})_2$

**3** Which one of the following is liquid in solid solution?

- (A) butter (B) fog  
(C) opal (D) sugar in water

**4** The number of electrons in valence shell of chlorine is:

- (A) 1 (B) 6  
(C) 7 (D) 8

**5** In periods from left to right which one decreases?

- (A) atomic radius (B) ionization energy  
(C) electron affinity (D) electronegativity

**6** The maximum number of electrons that L-shell can accommodate is:

- (A) 6 (B) 8  
(C) 14 (D) 18

**7** Empirical formula of Benzene is:

- (A) CH (B)  $\text{C}_2\text{H}_2$   
(C) HO (D)  $\text{CH}_2\text{O}$

**8** The elements of group 1 and group 2 are called:

- (A) s block (B) p block  
(C) d block (D) f block

**9** The type of bond in which bond pair is donated by one bonded atom is called ----- bond.

- (A) ionic (B) covalent  
(C) metallic (D) co-ordinate covalent

**10** How many times are the liquids denser than gases?

- (A) 10 times (B) 100 times  
(C) 1000 times (D) 10000 times

**11** Number of grams of solute dissolved in 100 grams of solution is called.

- (A) %m/m (B) %m/v  
(C) %v/m (D) %v/v

**12** Loss of electron from an atom is called:

- (A) oxidation (B) solubility  
(C) molarity (D) reduction