

# RAWALPINDI BOARD

Chemistry (New Scheme)

(Session: 2023)

(Group-I / A-2023)

SSC (Part-I)

Class - 9th

New Scheme

Time: 15 Minutes

(OBJECTIVE)

Marks: 12

Note:- Write answers to the questions on objective answer sheet provided. Four possible answers A, B, C & D to each question are given. Which answer you consider correct, fill the corresponding circle A, B, C or D given in front of each question with Marker or pen ink on the answer sheet provided.

1. The symbol of Avogadro's number is:

- (A)  $n_0$  (B)  $N_A$  (C)  $n_A$  (D)  $N_a$

2. The components of one of the following can be separated by physical methods:

- (A) Radical (B) Compound (C) Element (D) Mixture

3. Proton are discovered by:

- (A) Gold Stein (B) J.J. Thomas (C) Neil Bohr (D) Rutherford

4. Sixth (6th) period contains \_\_\_\_\_ elements.

- (A) 2 (B) 8 (C) 16 (D) 32

5. Triple covalent bond formation includes \_\_\_\_\_ electrons.

- (A) 2 (B) 4 (C) 6 (D) 8

6. Identify the compound which is not soluble in water.

- (A)  $C_6H_6$  (B) NaCl (C) Kbr (D)  $MgCl_2$

7. Point out non amorphous compound of the following:

- (A) Rubber (B) Plastic (C) Glass (D) Glucose

8. Mist is the example of solution:

- (A) Liquid in gas (B) Gas in liquid (C) Solid in gas (D) Gas in solid

9. Indicate a solution having more water:

- (A) 2M (B) 1M (C) 0.5M (D) 0.25M

10. The oxidation number of Chlorine in HCl is:

- (A) +1 (B) -1 (C) +2 (D) -2

11. Which one of the following is not an electrolyte?

- (A) Sugar solution (B) Sulphuric acid solution  
(C) Lime solution (D) Sodium chloride solution

12.  $[Ne]3S^1$  is an electronic configuration of:

- (A) Li (B) Na (C) K (D) Cs