

# Chemistry (SLO Based)

PR – IX (A-I-A4) (24)

۱۔ ہر سوال کے سامنے چار دائرے دیئے گئے ہیں۔ صرف صحیح جواب والا دائرہ بھر دیں۔

۲۔ دائروں کو شیڈ (بھرنے) کے لیے نیلے یا کالے رنگ کا پین استعمال کریں۔

۳۔ جواب میں ایک سے زائد دائرے بھرنے سے جواب غلط تصور ہوگا۔

Time: 15 Min

## SECTION-A

Marks: 12

- 1) The number of protons in chlorine atom is:  
 12       6       17       11
- 2) The relative atomic mass of oxygen atom is:  
 15.998 amu       16.998 amu  
 14.998 amu       17.998 amu
- 3) The f-subshell can accommodate a maximum of:  
 14 electrons       10 electrons  
 06 electrons       02 electrons
- 4) Which group of elements contains incomplete s-subshell?  
 Group I-A       Group II-A       Group III-A       Group IV-A
- 5) Helium obeys duplet rule. How many electrons are in its valance shell:  
 1       2       3       4
- 6) Which of the given two elements will form ionic bond;  
 Na and K       K and Ca       Ca and Cl       Cl and C
- 7) Mobility of particles in solid, liquid and gas depends on:  
 Kinetic energy       Diffusion  
 Density       Volume
- 8) Substance present in larger amount in a solution is called;  
 Solute       Salt       Solution       Solvent
- 9) Particle of which settle down at bottom on standing for some time:  
 Dispersion       Solution       Colloids       Suspension
- 10) Which one of the given acts as oxidizing agent in the given reaction?  $\text{Br}_2 + \text{H}_2\text{S} \rightarrow 2\text{HBr} + \text{S}$   
  $\text{Br}_2$        H       S        $\text{H}_2\text{S}$
- 11) Reduction of alkali metals ion take place at:  
 Anode       Walls of cell       Battery       Cathode
- 12) Elements above calcium in IA of periodic table with symbol and atomic number is:  
 Na=11       Mg=12       C=13       N=14