

## CHEMISTRY 9<sup>th</sup> (PRE-BOARD EXAM. 2024-25)

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Roll No: 802720

Class/Section: 9B

Time Allowed: 03 Hours

Time Allowed: 15 minutes

### Section "A"

Max. Marks: 65

Marks: 12

- Anion is formed by gaining one or more.....  
☐ Neutron ☐ Proton ☒ Electron ☐ Positron
- 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 iodine ion ☐ Iodine is oxidized to iodine ion
- The f-subshell can accommodate a maximum of  
☒ 14 electrons ☐ 10 electrons ☐ 06 electrons ☐ 02 electrons
- Which group of elements contains incomplete s-subshell?  
☒ Group I-A ☐ Group II-A ☐ Group III-A ☐ Group IV-A
- In Sodium Chloride, Chlorine after gaining one electron attains the electronic configuration of:  
☒ Neon ☐ Argon ☐ Krypton ☐ Xenon
- Helium obeys duplet rule. How many electrons are in its valance shell:  
☐ 1 ☒ 2 ☐ 3 ☐ 4
- Which of the given two elements will form ionic bond:  
☒ Na and K ☐ K and Ca ☐ Ca and Cl ☐ Cl and C
- Which of the given solution is more dilute?  
☒  $10^{-2}M$  ☐  $10^{-3}M$  ☐  $10^3M$  ☐  $10^{-4}M$
- Halogens react with metals to form.....  
☐ Halides ☐ Oxide ☐ Halogen sulphides ☒ Hydrogenated compound
- Which one of the given acts as oxidizing agent in the given reaction?  
 $Br_2 + H_2S \rightarrow 2HBR + S$   
☒  $Br_2$  ☐ H ☐ S ☐  $H_2S$
- Reduction of alkali metals ion take place at:  
☐ Anode ☐ Walls of cell ☐ Battery ☒ Cathode
- The fifth element of the first transition series is:  
☒ Chromium ☐ Titanium ☐ Maganees ☐ Vanaidum