

Section-B

Note: Answer any EIGHT of the following question: Each question carries 03 marks.

- Q.2 Define importance of chemistry in our dily life.
- Q.3 Calculate the formula mass (a.m.u) of given:
MgCl₂ NaCl KNO₃
- Q.4 Write down the properties of Canal rays.
- Q.5 State and Expalin Modern Periodic Law.
- Q.6 Explain Co-ordinate covalent bond with suitable example.
- Q.7 Differentiate the Crystalline and Amorphouse Solid.
- Q.8 A flask contains 0.25 M of NaOH solution. What mass of NaOH is present per dm³ of solution?
- Q.9 Define Oxidation and Reduction with examples.
- Q.10 Explain shells and sub-shells.
- Q.11 Write the names of branches of chemistry and state any three form them.
- Q.12 Balance the equation by inspection method.
- $H_2 + O_2 \rightarrow H_2O$
 - $Ca + H_2O \rightarrow Ca(OH)_2 + H_2$
 - $KClO_3 \rightarrow KCl + O_2$

Section-C(Descriptive Answer)

Note: Ansewr any TWO of the following question. Each question carries 06 marks.

- Q.13 Write position, porperties and uses of sodium metal.
- Q.14 Differentiate between unsaturated, saturated and super saturatd solution.
- Q.15 State and explain Farady's First Law of Electrolysis.