Satya Student Suppoer Portal

CHEMISTRY

Paper- MJC, MIC & IDC

Sem- 3rd

Examination -2026

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Satya Kumar Suman

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Practical Question

Paper: - MJC-03 & MJC-04

Q. Student solve any Three Question .

1. Determination of Water Equivalent of calorimeter
2. Determination of enthalpy of neutralization of hydrochloric acid with sodium hydroxide.
3. Determination of enthalpy of ionization of ethanoic acid.
4. Determination of the basicity of a polybasic acid against standard sodium hydroxide solution.
5. Determination of heat of displacement of Cu by Zn from Cu^{2+} salt solution.
6. Determination of enthalpy of hydration of copper sulphate.
7. Determination of solubility of benzoic acid in water and ΔH for the process.
8. Determination of heat capacity of the calorimeter and integral enthalpy of solution of salts.

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Practical Question

Paper: - MIC & IDC Student And solve any Three Question .

A. Determine the concentration of an unknown acid or base by acid-base titration.
B. Standardize potassium permanganate solution using oxalic acid.
C. Calculate the normality and strength of a given solution.
D. Identify common laboratory apparatus and describe their uses.
E. Study the colour changes of common acid-base indicators.

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