MAHATMA GANDHI UNIVERSITY

SECOND SEMESTER UG PRACTICAL EXAMINATION

Course:MG2DSCCHE100- Fundamentals of Chemistry-2

Model Questions

Time -3 hr. Total marks: 35

Part-I (5 marks)

Write the principle and procedure (Select One)

1. Estimate the mass of NaOH in the whole of the given solution. You are supplied with crystals of analytical grade anhydrous sodium carbonate.
2. Estimate the mass of HCl in the whole of the given solution. You are supplied with crystals of analytical grade oxalic acid.
3. Determine the percentage composition of sugar solution using viscometry.
4. Determine the concentration of acetic acid using a Stalagmometer.
5. Estimate the amount of citric acid in the whole of the given solution. You are supplied with analytical grade of oxalic acid.

Select any one experiment from Part-II / Part-III

Part-II (10 marks)

Conduct the experiment

6. Estimate the mass of NaOH in the whole of the given solution. You are supplied with crystals of analytical grade anhydrous sodium carbonate.
7. Estimate the mass of HCl in the whole of the given solution. You are supplied with crystals of analytical grade oxalic acid.
8. Estimate the amount of citric acid in the whole of the given solution. You are supplied with analytical grade of oxalic acid.

Part-III (10 marks)

Conduct the experiment

9. Determine the percentage composition of sugar solution using viscometry.
10. Determine the concentration of acetic acid using a Stalagmometer.

Part-IV

11. Viva voce (10 marks)
12. Lab report (10 marks)