

**SCHEME OF VALUATION FOR III SEMESTER
CHEMISTRY LABORATORY COURSE**

**TITRIMETRIC ANALYSIS AND
ORGANIC FUNCTIONAL GROUP REACTIONS**

Max. Marks: 50

Time: 3 hrs.

For Record - 10 Marks
For Viva-voce - 5 Marks
For Practical - 35 Marks

Splitting of Practical Marks for Titrimetric analysis:

- i) Preparation of standard solution : 5 Marks
- ii) Standardisation of intermediate solution : 5 Marks
- iii) Determination of the given compound : 10 Marks
 - Error < 1% : 10 Marks
 - Error 1-1.5 % : 8 Marks
 - Error > 2 % : 5 Marks (Minimum Marks)
- iv) Correct calculation : 3 marks

Splitting of Practical Marks for Organic functional group reactions:

Any FOUR reactions of the given functional group : $4 \times 3 = 12$ Marks

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