

LIST OF EXPERIMENTS FOR CHE-12(L)

Title	No. of session
I Introduction	1
II Guided Experiments:	
1. Separation of a mixture of benzoic acid, 2-Naphthol and 1, 4 -demethoxybenzene by solvent extraction and identification of there functional groups	1
2. Separation of a mixture of <i>p</i> - toluidine and naphthalene by solvent extraction and identification of their functional groups	1
3. Extraction of caffeine from tea leaves.	1
4. Paper chromatographic separation and identification of metal ions	1
5. Paper chromatographic separation and identification of sugars	1
6. Thin layer chromatographic separation and identification of amino acids	1
7. Column chromatographic separation of pigments	1
8. Column chromatographic separations and estimation of inorganic substances	1
9. Estimation of amino group	1
10. Estimation of phenols	1
11. Estimation of Sugars	1
12. Estimation of Amino Acids	1
13. Estimation of formaldehyde	1
14. Analysis of oils	1
15. Estimation of Mg and Ca in a mixture by complexometry	1
16. Estimation of Cu and Zn in a mixture by gravimetry	3
17. Estimation of Cu and Ni in a mixture by gravimetry	3
18. Preparation of aspirin and analysis of a commercial sample of aspirin	1
19. Preparation and use of azo dyes	1
20. Preparation of nylon-66	1
21. Preparation of face cream	1
III Unguided Experiments	1