

Contents

<i>Preface</i>	vii
<i>Acknowledgement</i>	ix
1. Solution, Reagent and Buffer	1
➤ Buffer Solutions Preparation	8
2. Quantitative Analysis of Biomolecule	10
➤ Carbohydrate	10
» <i>Experiment 1</i>	24
» <i>Experiment 2</i>	26
» <i>Experiment 3</i>	27
» <i>Experiment 4</i>	28
» <i>Experiment 5</i>	29
» <i>Experiment 6</i>	30
➤ Protein	31
» <i>Experiment 1</i>	50
» <i>Experiment 2</i>	51
➤ Lipid and Steroids	53
3. Urine Analysis	55
» <i>Experiment 1</i>	57
» <i>Experiment 2</i>	60
» <i>Experiment 3</i>	61
4. Quantitative Biochemical Analysis	66
➤ Creatinine in Blood.....	66
» <i>Experiment 1</i>	70
➤ Protein in Plasma.....	72
» <i>Experiment 1</i>	75
➤ Total Cholesterol	79
» <i>Experiment 1</i>	82
➤ Estimation of Glucose in Blood	84
» <i>Experiment 1</i>	86

➤ Qualitative Analysis of Reducing Sugar	89
» <i>Experiment 1</i>	91
➤ Enzymatic Hydrolysis	93
» <i>Experiment 1</i>	95
» <i>Experiment 2</i>	96
➤ Enzymatic Activity	98
» <i>Experiment 1</i>	100
5. Commonly Asked Questions in Viva Voice???	103
6. Commonly Asked Definition in Viva Voice	121
7. Common Biological Constituents and its Reference Value	131
<i>References</i>	136