

Contents

Preface

vii

1. Introduction to Experimental Pharmacology	1
2 General Instructions	10
3. Pharmacology of Receptors	16
4. Cholinergic and Adrenergic System, Receptors and Drugs	19
5. Dose Response Curve	37
6. Bioassay	45
7. Rabbit Eye/Mammalian Eye	52
8. Effect of Drugs on Rabbit Ileum by Magnus Method	63
9. Study of Autonomic Drugs on Perfused Frog Heart	68
10. Study of Autonomic Drugs on Mammalian Blood Pressure	76

11. Frog's Rectus Experiments	85
12. Evaluation of Local Anaesthetics and Analgesics	88
13. Graph and Charts for Revision	93
14. Viva Voce Questions in Experimental Pharmacology	107
15. Effect of Drugs on Rabbit's Eye	113
16. DRC of Acetylcholine on Frog's Rectus Abdominis Muscle	119
17. Potentiation and Antagonism Effect on DRC of Acetylcholine	125
18. Effect of Cardiac Stimulants and Cardiac Depressants on Isolated and Perfused Frog's Heart	133
19 Study of Autonomic Drugs on Mammalian Blood Pressure	142
<i>Bibliography</i>	<i>151</i>
<i>Index</i>	<i>153</i>