CONTENTS

SUMMARY  i - ix

INTRODUCTION

CHAPTER - ONE  1.1-1.82

PART (A) - SYNTHESIS OF STEROIDAL LACTONES

Theoretical  1.1-1.16
Discussion  1.17-1.39
Experimental  1.40-1.57
References  1.58-1.61

PART (B) - REACTION OF STEROIDAL NITRO-OLEFINS

Theoretical  1.62.1.65
Discussion  1.66-1.73
Experimental  1.74-1.80
References  1.81-1.82

CHAPTER - TWO  2.1 -2.77

SYNTHESIS OF STEROIDAL THIAZOLEs AND OXAZOLES

Theoretical  2.1 -2.40
Discussion  2.41-2.58
Experimental  2.59-2.72
References  2.73-2.77

CHAPTER - THREE  3.1 -3.36

SYNTHESIS OF STEROIDAL SULFONES AND SULFOXIDES

Theoretical  3.1 -3.10
Discussion  3.11-3.24
Experimental  3.25-3.34
References  3.35-3.36
CHAPTER - FOUR

BIOLOGICAL STUDIES OF STERoidal THIAZOLE AND DIBOMODIKETONE

Theoretical 4.1 - 4.9
Discussion 4.10-4.13
Experimental 4.14-4.20
References 4.21-4.22