

TABLE OF CONTENTS		Page
	Certificate by the Supervisor	ii
	Declaration by the Scholar	iii
	Dedication	iv
	Acknowledgement	v
	List of Tables	X
	List of figures	xv
	List of Appendices	xviii
CHAPTER 1	INTRODUCTION	1-43
1.1	Plyometric Training	3
1.1.1	Benefits of Plyometric Training	9
1.2	Anaerobic Training	9
1.2.1	Types of Anaerobic Training	11
1.2.2	Benefits of Anaerobic Training	12
1.3	Cross Training	13
1.3.1	Types of Cross Training	14
1.3.2	Benefits of Cross Training	16
1.4	Volleyball	17
1.4.1	Basic fitness needed for Volleyball	21
1.5	Motor fitness variables chosen for the study	23
1.6	Physiological variables needed for Volleyball Players	26
1.7	Physiological variables chosen for the study	27
1.8	Skill Performance	31
1.9	Volleyball skill performance variables chosen for the study	32
1.10	Objective of the Study	34
1.11	Statement of the Problem	34
1.12	Hypotheses	35
1.13	Significance of the Study	36

TABLE OF CONTENTS		Page
1.14	Delimitations	37
1.15	Limitations	39
1.16	Definition of Operational Terms	40
 CHAPTER II REVIEW OF RELATED LITERATURE		 44-75
2.1	Studies on Plyometric Training	44
2.2	Studies on Anaerobic Training	54
2.3	Studies on Cross Training	64
2.4	Summary of Related Literature	74
 CHAPTER III METHODOLOGY		 76-104
3.1	Selection of Subjects	76
3.2	Selection of Variables	77
3.3	Experimental Design	78
3.4	Pilot Study	79
3.5	Selection of Test	81
3.6	Competency of the Tester	82
3.7	Instruments Reliability	82
3.8	Reliability of Data	82
3.9	Subject's Reliability	83
3.10	Orientations to the Subjects	84
3.11	Assessment of Training Intensity	84
3.12	Training Programme	85
3.13	Administration of the Test	93
3.14	Collection of the Data	103
3.15	Statistical Technique	104
 CHAPTER IV RESULTS AND DISCUSSIONS		 105-185
4.1	Analysis of the Data	106
4.2	Discussion on Findings	181
4.3	Discussion on Hypotheses	184

TABLE OF CONTENTS

Page

CHAPTER V	SUMMARY, CONCLUSIONS AND RECOMMENDATIONS	186-192
5.1	Summary	186
5.2	Conclusions	190
5.3	Recommendations	191
	BIBLIOGRAPHY	193-206
	Books	193
	Journals	195
	Unpublished Thesis	205
	Web Site	206
	APPENDIX	207-225