

TABLE OF CONTENTS

CHAPTER I:	INTRODUCTION	1
CHAPTER II:	HISTORICAL REVIEW	2
CHAPTER III:	TYPES OF BIOMATERIALS	8
CHAPTER IV:	PROPERTIES OF BIOMATERIALS	10
CHAPTER V:	MECHANISM OF FIXATION	17
CHAPTER VI:	METALS	23
CHAPTER VII:	CERAMICS	35
CHAPTER VIII:	POLYMERS	56
CHAPTER IX:	BIODEGRADABLE MATERIALS	65
CHAPTER X:	HOST RESPONSE TO BIOMATERIALS	69
CHAPTER XI:	CLINICAL APPLICATIONS OF BIOMATERIALS	107
CHAPTER XII:	SUMMARY	132
CHAPTER XIII:	REFERENCES	136
CHAPTER XIV:	ARABIC SUMMARY	160
