Contents

	PREFACE	page	V
	HOW TO USE THIS BOOK		viii
Part I	What is e?		
1	A Numerical Formula for e		2
2	The Exponential Series		11
Part II	Changes in e ^x		
. 3	Differentiating e ^x		26
. 4	The Differential Equation $dy/dx = ky$		45
Part III	Logarithmic Models		
5	Integrating 1/x		58
6	A series for $\log_e (1 + x)$		74
Part IV	Consolidation Exercises		89
Part V	Reference Section		
	BACKGROUND AND MATHEMATICAL NOTES		96
	ANSWERS AND HINTS		124
	TABLES		164