SUMMARY TABLE OF CONTENTS

Foreword v

Program and Commission and animally and allowed a commission of the commission of th

ones de la Arresta de Lacrima de la Arresta de la Arresta

bould add to Mary Adda

List of Abbreviations vi

Introduction xv Where "Numbers" Come From

CHAPTER 1	Explaining the Origins: Ethnological and Psychological Approaches to the Sources of Numbers	3
CHAPTER 2	Base Numbers and the Birth of Number-systems	23
CHAPTER 3	The Earliest Calculating Machine – The Hand	47
CHAPTER 4	How Cro-Magnon Man Counted	62
CHAPTER 5	Tally Sticks: Accounting for Beginners	64
CHAPTER 6	Numbers on Strings	68
CHAPTER 7	Number, Value and Money	72
CHAPTER 8	Numbers of Sumer	77
CHAPTER 9	The Enigma of the Sexagesimal Base	91
CHAPTER 10	The Development of Written Numerals in Elam and Mesopotamia	96
CHAPTER 11	The Decipherment of a Five-thousand-year-old System	109
CHAPTER 12	How the Sumerians Did Their Sums	121
CHAPTER 13	Mesopotamian Numbering after the Eclipse of Sumer	134
CHAPTER 14	The Numbers of Ancient Egypt	162
CHAPTER 15	Counting in the Times of the Cretan and Hittite Kings	178
CHAPTER 16	Greek and Roman Numerals	182
CHAPTER 17	Letters and Numbers	212
CHAPTER 18	The Invention of Alphabetic Numerals	227

CHAPTER 19	Other Alphabetic Number-systems	240
CHAPTER 20	Magic, Mysticism, Divination, and Other Secrets	248
CHAPTER 21	The Numbers of Chinese Civilisation	263
CHAPTER 22	The Amazing Achievements of the Maya	297
CHAPTER 23	The Final Stage of Numerical Notation	323
CHAPTER 24	PART I Indian Civilisation: the Cradle of Modern Numerals	356
CHAPTER 24	PART II Dictionary of the Numeral Symbols of Indian Civilisation	440
CHAPTER 25	Indian Numerals and Calculation in the Islamic World	511
CHAPTER 26	The Slow Progress of Indo-Arabic Numerals in Western Europe	577
CHAPTER 27	Beyond Perfection	592

Bibliography 601

Index of Names and Subjects 616

Parameter Committee Commit

elleranniet effectuetalet to make auch estit – as extraction.