

APPENDIX B: PARAGRAPH HEADINGS BY CHAPTERS

**Chapter 1: INFORMATION AND REALITY
(REALITY IS IN THE MIND)**

A force for Good and Evil	1
<i>One of Nature' Wonders</i>	1
<i>In the beginning was the Word</i>	2
<i>Information is everywhere</i>	2
<i>A Continuous spectrum</i>	3
<i>Friend and foe</i>	4
Information is our existence	4
<i>Key to Oneself</i>	4
<i>Key to reality</i>	5
<i>Key to other worlds</i>	5
<i>Key to truth</i>	6
Beyond the laws of Science	6
<i>No limits to information's power</i>	6
<i>No law of conservation</i>	7
<i>Immovable, indestructible, and infinite</i>	7
<i>Incredible ease and speed of change</i>	8
<i>New worlds for old</i>	9
<i>Indefinable substance</i>	9
<i>A recourse to Fiction</i>	10
Computers and Human beings	10
<i>Strange similarities</i>	10
<i>Faith in printed output</i>	11
<i>Pandora's Box</i>	11
Duality in Information	12
<i>Two basic components</i>	12
<i>Duality in Computing</i>	13
<i>Duality in most things</i>	13
Properties of information	14
<i>Volatility</i>	14
<i>Intelligibility</i>	14
<i>Interpretations</i>	15
<i>Differing values</i>	16
<i>Different backgrounds</i>	16

Powers of the human mind	17
<i>Abstraction</i>	17
<i>Filling in the gaps</i>	17
<i>Analogy and comparison</i>	18
<i>WISIWIM and WIMIWI</i>	18
<i>Mystery of the subconscious</i>	19
Information compared to living things	19
<i>Duality of seed and substance</i>	19
<i>Duality must be healthy</i>	20
<i>To inform is to put into shape</i>	21
Information hierarchy	21
<i>Of nested sets</i>	21
<i>Levels of value and worth</i>	22
<i>Between the levels</i>	22
Outer limits	23
<i>Particles of matter</i>	23
<i>A fourth dimension</i>	23
<i>Invisible forces</i>	24
<i>From Outer space</i>	25
From now on	25
<i>Education and Research</i>	25
<i>Learning from other species</i>	26
<i>Philosophy</i>	26
<i>Principal findings of the study</i>	27
The mind is supreme	27
<i>The mind is Master</i>	27

Chapter 2: INFORMATION WITHOUT REALITY (THE POWER OF IMAGINATION)

Imaginary worlds	29
<i>Hypothesis</i>	29
<i>Need for caution</i>	29
<i>Solving problems</i>	30
<i>Experimenting with change</i>	30
<i>What would it like to be?</i>	31
<i>Imagining the future</i>	32
Simulation	32
<i>A very common practice</i>	32
<i>Help from computers</i>	33
<i>Computer aided design</i>	33
<i>Simulation in real time</i>	34
<i>Limits, stresses and strains</i>	34
<i>Simulated Space Travel</i>	34
Simulation in Training	35
<i>Pilots and Aircrew</i>	35
<i>Simulation in Medicine</i>	35

Simulation in Entertainment 36
In toys and games 36
At the theatre 36

Simulating the Past 37
Travelling in Time 37
Changing what has happened 37
Time within Time 38

Virtual Reality 38
World of make believe 38
Testing people’s reactions 39
Self-deception 39

The power of randomness 40
A most reliable aid 40
Law abiding and lawless 40
The 50:50 problem 41
Not applicable in all worlds 42
A measure of ignorance 42
Beauty unfurled 42
Origins of life 43

Universe of many dimensions 44
Not only three dimensions and time 44
Walls between dimensions 44
Stepping outside the world 45
Mathematical symbols point the way 46
An information universe 46
Discontinuity 47

The Concept of Time 47
Divine revelation 47
Absence of Time 48

Return to Reality 49
Escape from imaginary worlds 49
Interpretations still differ 49
The Mind is still Key 50

**Chapter 3: KEEPING INFORMATION IN ORDER
(ORGANISING AND CONTROLLING DATA)**

The Mind is controller of Information 51
A truly formidable task 51
A most wonderful service 51
The amount of information is phenomenal 52
The variety is amazing 53
The value of being succinct 53
Not only words but pictures 54

The book as a model	54
<i>Anatomy of a book</i>	54
<i>Population in terms of a book</i>	55
<i>Data are undisturbed</i>	56
<i>Convenient</i>	56
<i>Changeless</i>	57
Powerful concept of Nested Sets	57
<i>From the smallest to the largest</i>	57
<i>Nested sets identify themselves</i>	58
<i>Sets that point to other sets</i>	58
<i>Any set may be the major one</i>	59
A language for Nested Sets	60
<i>The language of ANDs, Ors, and NOTs</i>	60
<i>A game of Twenty Questions</i>	61
Other ways of organising data	61
<i>Tree systems</i>	61
<i>Storage by numbers</i>	62
<i>Self-responding data</i>	63
<i>Amount of data is not always a barrier</i>	63
Nature of the mind's information	64
<i>Original data is always there</i>	64
<i>Unshakeable data</i>	64
<i>Vagueness, ambiguity and 'duff gen'</i>	65
Importance of language	65
<i>Bridge between data and user</i>	65
<i>Many varieties of language</i>	66
<i>Origin of language</i>	66
<i>Alphabets and pictures</i>	67
Languages of the mind	67
<i>Logical, pictorial, and emotive</i>	67
<i>Language skills are learned</i>	68
<i>Weaknesses in Natural language</i>	69
<i>Language adds to confusion</i>	69
Information that describes ourselves	70
<i>Physical features</i>	70
<i>Biometrics</i>	70
Images of self	71
<i>Images are sets of information</i>	71
<i>Images are continuously changing</i>	72
<i>Images are inter-related</i>	72
Contributing data	73
<i>Moral and ethical values</i>	73
<i>Identity in crisis</i>	73
<i>Centre of the Universe</i>	74
Harmony and Discord	74
<i>Information's vital role</i>	74

**Chapter 4: INFORMATION, PEOPLE, AND COMPUTERS
(COMPARING COMPUTERS AND PEOPLE)**

Convergence of Minds and Computers 77
The mind is a brilliant Information Machine 77
Computers pose a challenge 78
Communications widen the field 78
Computers give us idea about people 79

Common physical properties 79
Electrical forces 79
Electrically charged memory 80
Retentive recording 80

Structural Comparisons 81
Special, and General Purpose 81
Neural Network Computers 82
Built in features and Macros 82
Push button technology 83

The value of a layered structure 84
Holons and stability 84
Ease of Change and repair 84
Push up and Push down stacks 85

Similarity of the parts 85
More symbolic than real 85
Head, Heart, & Hand, and More 86

Heads 86
Application programs 86

Hearts 87
Automatic and involuntary functions 87
A computer's heart is its Operating System 88
Head and Heart in conflict 88
Brain & Mind have ultimate control 89

Hands 89
Inputs & Outputs – a great variety 89

Memory 90
Common characteristics 90
Changes are usually piecemeal 91

Consciousness and the Subconscious 91
Foreground and Background 91
Idling time and inactivity 92
Hidden data 92

Similarity of methods 93
Methods of access 93
Table look up 94
Indirect addressing 94
Concordance 95
Feedback 95
Trial and Error 96

Similarity of controls	96
<i>Delegation in people</i>	96
<i>Delegation in computers</i>	97
<i>Emergencies</i>	97
<i>System protection and integrity</i>	98
Increasing complexity	98
<i>Keeping things simple</i>	98
<i>Keeping things tidy</i>	99
<i>New skills, and fixing faults</i>	99
<i>Self improvement</i>	100
Computers, communications, and TV	100
<i>Merging of three technologies</i>	100
<i>Letter "U" as a convenient model</i>	101
<i>Awesome developments</i>	102
Innate knowledge and Standards	102
<i>Is technology innate?</i>	102
<i>Standards are form of innate knowledge</i>	103
<i>Innateness and language</i>	103
<i>Everything is Information</i>	104
Chapter 5: INFORMATION AND THE NEXT OF THE SPECIES (COMPUTERS IN PLACE OF PEOPLE)	
People and Computers	105
<i>Virtues and Faults</i>	105
<i>Who are we, and where are we going?</i>	106
Views of the evolutionists	106
<i>Change is inevitable</i>	106
<i>Putting feeling into computers</i>	107
<i>Starting afresh without emotion</i>	108
<i>The genesis of feeling</i>	108
<i>Imagining life in inanimate things</i>	109
Prerequisites of a species	109
<i>Sources of support</i>	109
<i>Computers depend on people</i>	110
<i>Vigilance and not complacency</i>	110
<i>Ways of doing things are changeable</i>	111
The purpose of life	112
<i>What does it mean to live?</i>	112
<i>Expressions of the species</i>	112
<i>The human spirit</i>	113
<i>The gift of choice</i>	113
Advantages and skills of computers	114
<i>A plethora of power</i>	114
<i>Digital precision</i>	114
<i>Integrated functions</i>	115
<i>Expert Systems and AI (Artificial Intelligence)</i>	116
<i>Artificial Life (ALife)</i>	116

Advantages and skills of Human Beings 117

People are underrated 117

Man at the gate 117

Cross referencing and thinking in parallel 118

Thought may be faster than we think 118

Individual minds 119

Self-organising memory 119

Personifying the computer 120

The computer's limitations 120

Intelligence 120

Awareness and appreciation 121

Self consciousness and understanding 121

Consciousness and the subconscious 122

Conscience and morals 123

Emotion and feeling 123

To display is not to experience 124

Human business is yet unfinished 124

The quest for knowledge 124

Exploring the Universe 125

Meditation on the role of computers 125

Limited and unlimited proliferation 125

The humble PC 126

Access to the world beyond 127

Help on right and wrong 127

The debate continues 128

The future is uncertain 128

Human like robots 128

Putting computers into people 129

A purely computer world 130

Theological thoughts 130

People must choose 131

Chapter 6: INFORMATION AND MEMORY
(MEMORY IN THE KNEE CAP)

Ubiquity of memory 133

Keeper of Information 133

Basis of consciousness 133

Human memory thus far 134

Particles of memory 134

Limitless possibilities 135

Endless conjecture 136

Memory in material form 136

A physical substance 136

Particles of matter 137

Microdots, Infodots, and Infons 138

Encapsulation of thought 138

Woven fabric 139

Other features of human memory	139
<i>Memory is forever</i>	139
<i>Memory is dated</i>	140
<i>Memory is labelled</i>	141
<i>Memory is layered</i>	141
<i>Memory is stacked</i>	142
<i>Memory is inter-connected</i>	142
Microdots in action	143
<i>Moving pictures</i>	143
<i>Contraction and expansion</i>	143
<i>Microdots by the million</i>	144
<i>Microdots to infinity</i>	144
<i>Memory and the illusion of time</i>	145
<i>Memory that comes uninvited</i>	145
Microdot language	146
<i>A language of many forms</i>	146
<i>Differences within a species</i>	146
<i>Species speak unto species</i>	147
Location and access	148
<i>Memories in orbit</i>	148
<i>Storage by frequency</i>	148
<i>Memory in the brain</i>	149
<i>Distributed memory</i>	149
<i>Memory in the blood</i>	150
<i>Memories hard to recall</i>	151
Old and unwanted memory	152
<i>Discarded microdots</i>	152
<i>Cleaning the slate</i>	152
<i>Microdots trapped</i>	153
<i>Microdots released</i>	153
<i>Experiments difficult to repeat</i>	154
Nature's secret	154
<i>Nature may not trust us</i>	154
<i>A truly wonderful phenomenon</i>	155
<i>Implausible possibilities</i>	155
Chapter 7: INFORMATION, MIND, AND ITS METHODS (GATEWAY TO UNDERSTANDING)	
Counsellor, Adviser, and Guide	157
<i>Much more than a controller</i>	157
<i>The computer lags behind</i>	158
<i>Anatomical wonder</i>	158
Mind and Body	159
<i>Electronics, Mechanics, and Soul</i>	159
<i>States of mind</i>	159
<i>Links with the subconscious</i>	160

Aspects of consciousness 161
Mindful and aware 161
Seeing with the mind 161
Making up the mind 162

Unlimited scope of activity 162
No blocks or barriers 162
Conscious and involuntary actions 163
The location of thought 163

Probability of a layered mind 164
Advantages of layers and stacks 164
Layering in action 165
Not always a hierarchy 165
Not one mind but two or more 166
Exercising and refreshing the mind 166
Simultaneous operations 167

Meeting of mind and memory 167
The mind decides 167
Extravagant resources 168
Minute and meticulous 168
Data-typing 169
Finding the memory required 169

The role of language 170
Limitations of language 170
Simplicity in language 171
Languages of the levels 171
Languages without words 172
Languages of the mind 172
Languages of other beings 173
The language of emotion 174

Abstraction 174
The primary task of all 174
A vital aid to perception 175
Help from the layers 175

Analogy 176
A never ending task 176
Analogies are a language 177
Bewildering content 177
Help from layered structures 178
A link between microdots and seeds 178

Unimaginable powers of the human mind 179
The great interpreter and more 179
Importance of the subconscious 179
More thoughts on another dimension 180
More room to investigate 181
Gateway to a universe 181

**Chapter 8: INFORMATION AND THE INTELLECT
(RIGHT AND PROPER USES OF MEMORY)**

Our story so far	183
<i>A most precious possession</i>	183
<i>Physical properties</i>	183
<i>Legitimate uses</i>	184
<i>Great variety</i>	185
Instinctive actions and re-actions	185
<i>Memory at its most basic</i>	185
<i>By instinct & involuntary</i>	186
<i>Developing our instincts</i>	186
<i>Dedicated and flexible tasks</i>	187
Remembering	187
<i>To recognise is to identify</i>	187
<i>Tuning in and recall</i>	188
<i>The influence of language</i>	188
<i>The role of microdots</i>	189
<i>More thoughts on computing and people</i>	190
<i>Remembering is more than a recollection</i>	190
Thinking	191
<i>Thinking starts with memory</i>	191
<i>Memory is complementary</i>	192
<i>Thinking is sometimes subconscious</i>	192
Prudence	193
<i>Exercising caution</i>	193
<i>The mind as arbiter</i>	193
Conscience	194
<i>A moral obligation</i>	194
<i>The Mind is keeper</i>	195
Intuition	195
<i>A product of the subconscious</i>	195
<i>Not all intuitions are brilliant</i>	196
<i>Intuition like thinking is inescapable</i>	196
Concentration	197
<i>Strengthening the will</i>	197
<i>Focusing of thought</i>	198
<i>Will power</i>	198
Learning	199
<i>Learning for the future</i>	199
<i>Burning in microdots</i>	199
<i>Brakes on learning</i>	200
Imagination	201
<i>Widening the horizons</i>	201
<i>Gathering microdots</i>	201
<i>Limits and inhibitions</i>	202

Inspiration 202
Beyond the imagination 202
Microdots and analogies 203

Genius 203
Beyond inspiration 203
Genius knows no bounds 204

Information is the starting point 204
Creating memory 204
Shaping the human role 205

**Chapter 9: INFORMATION AND DREAMS
(DREAMING AND WHAT IT TELLS US)**

A bridge into the unknown 207
Probing Nature’s secrets 207
Cause and mechanisms 207
Theories are to be encouraged 208
A clue to greater things 209
And more possibilities 209

Dreams and computing 210
Information is the medium 210
Converging strands of study 211
Can computers dream? 211

Purpose and function 212
Mixed up reflections 212
Neither magical nor weird 212
Assimilating, tidying up, and renewal 213
Continuation of normal functions 214

Structural aspects 214
A peep into the subconscious 214
Sense and Nonsense 215
Dreaming in layers 216
The onion skin model 216
Duplicate parts 217
The language of dreams 217
The language of analogy 218

Origin of dreams 219
Minds that will not rest 219
Abstraction and Analogy 219
The microdot connection 220
Forming and changing images 221
Moods and recent events 221
Outside influences and persuasion 222
Originality is not excluded 222

The nature of dreams 223
A temporary surrender 223
Dreams are fleeting 223
Soon forgotten 224
Repetition and continuation 224

The make up of dreams 225
The mind in an idling mode 225
Uncontrollable content 226
Ceaseless merging and substitution 226
Absence of barriers 227
Absence of time 228

The fascination of dreams 228
Holding on and letting go 228
Writing down dreams 229
Post dream analysis 229
Lucid dreaming 230

Dreams and our well being 231
Moods and temper 231
Auspicious and therapeutic 232

Vital part of the Information story 232
More study is essential 232
In the lobby of a new dimension 233

**Chapter 10: INFORMATION AND STATES OF MIND
(MEMORY BEYOND ITS NORMAL CONTROL)**

Random to harmful states of mind 235
In good condition and bad 235
Memory is a player of many parts 236
Dreams and mental illness 236
No simple answer 237
Spontaneous and intended 237

Déjà Vue 238
Understandable quirk 238
The instant past 239
Microdot possibilities 240

Precognition 240
Déjà vue from an opposite direction 240
Imaginative minds 241
Spontaneous reaction 241
Recorded prediction 242

Memory in trouble 242
Instability 242
Uncertainty 243
Linguistics 244
Semantics and Nuance 245

Anxiety 245
Resistance to change 245
Hidden worries 246

Aberrations 246
Basic causes 246
Obsession 247
Eccentricity 248
Hallucination 248
Delusions 249
Amnesia 250
Microdot mania 250

Physical connections 250
Failure of function 251
Aches and pains 251
Ruffled feathers and emotion 252
Major illness 253
Therapy and relief 253

Parallels in Computing 253
Positive and negative charges 254
Hidden data 255
Damaged data 255
Data erased or missing 256
Keywords and concordance 256

Mind control 256
Meditation 256
Faith healing 257
Hypnosis 258
Hypnotic dangers 258
Microdot aspects 259
And further possibilities 260

External aids 260
Acupuncture 260
Drugs 261

Asceticism 261
Feats of the mind 261
Transcending experience 262

All importance of memory 263
A link to all that we do 263

**Chapter 11: INFORMATION, USE AND MISUSE
(FROM INNOCENCE TO EVIL)**

Essential nature of information 265
Good and bad 265
Information is organic 266
Each mind is a separate world 266
From use to misuse 267
Subconscious and the ultimate Why 268

Innocent beginnings	268
<i>Accepting the past</i>	268
<i>Handing on information</i>	269
<i>Teaching the children well</i>	269
Private pressures	270
<i>Influence of the label</i>	270
<i>Conformity</i>	271
<i>Prejudice and bias</i>	271
<i>Persuasion</i>	272
<i>Power of unshakeable belief</i>	273
Deception and Deceit	274
<i>Beginnings of deceit</i>	274
<i>Manipulation</i>	274
<i>Disinformation</i>	275
<i>Delusion of the Masses</i>	276
Terror of technology	276
The Age of Information	276
<i>Bewildering opportunity</i>	276
<i>Bewildering digitology</i>	277
<i>Bewildering volumes</i>	278
<i>Bewildering complexity</i>	278
<i>Automania</i>	279
Social implications	280
<i>Dividing society</i>	280
<i>Impersonal dominance</i>	280
<i>Vulnerable systems</i>	281
<i>Opportunity for crime</i>	282
<i>Protecting the good and the bad</i>	282
The Occult and Esoteric	283
Degrading humanity	283
<i>Magic and sorcery</i>	283
<i>Fear and Superstition</i>	284
<i>Rites and ritual</i>	285
<i>Releasing powerful forces</i>	285
<i>Witchcraft and witches</i>	286
Imaginary Monsters and Ghouls	286
<i>Minds possessed</i>	286
<i>Conducive conditions</i>	287
<i>Possession by evil spirits</i>	288
<i>The Exorcist</i>	288
Drugs, medicine, and escapism	289
<i>Relieving pain and boredom</i>	289
<i>Bending the truth</i>	290
<i>The microdot connection</i>	290

Physical alteration of memory 291
Changing the particles 291
Mind as protector 291
Nature keeps its secrets 292
 Role of the subconscious 292
Origin of our thought 292
Other connections 293
 Why should all this be? 293
Two eternal questions 293
Are we chosen or are we random? 294
Are we still evolving? 294
 With or without the answers? 295
Desolation or religion 295
A higher and better existence 295

**Chapter 12: INFORMATION AND THE PARANORMAL
 (INFORMATION IN LIMBO)**

A Gamut of Speculation 297
A link with the paranormal 297
A note of caution 298
Memories beyond the body 298
Four states of microdot 299
Microdot force 300
Supersense to Supernatural 300
 Particles, Waves, and Wavicles 301
Radiation 301
Radio waves 301
Brainwaves 302
A basis for telepathy 302
Telepathy requires a carrier 303
 World of the non material 304
Experiences not easily dismissed 304
Spiritualism 305
Explanation in microdot terms 305
No evidence of discourse with the dead 306
Futurology, clairvoyance, and other deeds 307
 Ghosts and disembodied spirits 307
Cause and motivation 307
Starting point for ghosts 308
Dormant microdots revived 309
Ghosts of Roman legions 309
Microdots disturbed 310
The French Revolution 310
Fotheringhay Church 311
 More tangible reactions 311
Poltergeists and psycho kinesis 311
Telekinesis 312

<i>Fondness for objects</i>	313
Near death experience	313
<i>A blissful state</i>	313
<i>Within the mind</i>	314
<i>Microdots and Out of Body Experience</i>	314
<i>End of a personal world</i>	315
Apparitions and hallucination	315
<i>Personal and en masse</i>	315
<i>Microdot connections</i>	316
Material forms	316
<i>Inherited features</i>	316
<i>Reincarnation</i>	317
<i>Transmigration</i>	318
<i>Projection of the human body</i>	318
UFOs and Aliens from Space	319
<i>Illusion or reality</i>	319
<i>Human beings are the target</i>	319
<i>Communicating by microdot</i>	320
<i>Disassembly and re-assembly of matter</i>	321
Jumps in Time and Space	322
<i>Limits of credulity</i>	322
<i>Black holes and Worm holes</i>	322
<i>Expanding human powers</i>	323
Chapter 13: INFORMATION AND ILLUSION (PERCEPTION, ILLUSION, AND PRETENCE)	
Living with illusion	325
<i>Make believe reality</i>	325
<i>Absence of proof</i>	326
The Start of Illusion	326
<i>Collecting information</i>	326
<i>Comparing information</i>	327
<i>Simple mis-reading</i>	328
<i>Work and worship</i>	329
By chance and on purpose	330
<i>Optical illusions</i>	330
<i>Stubborn minds</i>	330
<i>Wishful thinking</i>	331
<i>Natural causes</i>	331
<i>Relative perceptions</i>	332
<i>Virtual reality</i>	332
Language again	333
<i>Linguistic illusions</i>	333
<i>Chosen words</i>	334
<i>Behind the illusion</i>	334

Following the crowd 335

Propaganda 335

Advertising 335

Absurdity is no barrier 336

Celebrities and fashion 336

Press and the media 337

Theatre, Films, Radio, and TV 338

Self imposed illusions 338

Planned and unplanned 338

Power of the image 339

Escapism 340

Dress and behaviour 340

Return to basics 341

Business, Professions, and Religion 341

Phoney finance 341

Invisible assets 342

Arbitrary evaluations 343

Stock Exchange Nightmare 343

Illusion in every field 344

Our idea of self 344

Politics 345

Medicine 345

Law 346

And Society 346

Invented Deities 347

In every land 347

To fill the void 348

To prove the reality 348

Illusion by technology 349

Feelings of power 349

Unseen, as if by magic 349

Virtual experiences 350

Wonder, Illusion, and Art 350

Wonder that drives us all 350

Illusions natural and contrived 351

The wonder of Art 352

Art and Philosophy 352

Resuming the search 353

Greatest illusion of all 353

Who are we? 353

Degrees of illusion 354

Real living 354

**Chapter 14: INFORMATION AND SOCIETY
(MILLIONS AND MILLIONS OF DIFFERENT MINDS)**

Information beyond value	355
<i>Most precious possession</i>	355
<i>No man is an island</i>	355
<i>Information for an ideal Society</i>	356
A common commodity	356
<i>Owned by everyone</i>	356
<i>Temptations of secrecy</i>	357
A lifetime need	357
<i>Simply to live</i>	357
<i>Schooldays</i>	358
<i>Student days</i>	359
<i>Adulthood</i>	360
<i>Whatever one's age</i>	360
<i>Information that shapes Society</i>	361
<i>To be led and to lead</i>	361
<i>Position, Pay and Pension</i>	361
<i>Greedy motivations</i>	362
<i>Selfless acts</i>	362
Democracy's struggle	363
<i>Competing voices and influence</i>	363
<i>Always an opposition</i>	363
<i>Every issue is a contest</i>	364
<i>Voting is not infallible</i>	364
<i>Fitness of officials</i>	365
<i>Will of the people</i>	365
Freedom and Responsibility	366
Devil in our midst	366
<i>Free expression unparalleled</i>	366
<i>Tempering exuberance</i>	367
<i>Keeping reports in balance</i>	367
Privacy	368
<i>A basic human right</i>	368
<i>Political Correctness</i>	368
Censorship	369
<i>Public safety</i>	369
<i>Nanny state mentality</i>	369
<i>The human voyeur</i>	370
Surveillance	370
<i>Continuous watch</i>	370
<i>Big brother</i>	371
<i>Personal id's and controls</i>	371

Crime and Punishment 372
An index of a country’s civilisation 372
Assessing guilt 373
Effect of emotion 373
Punishing body or mind 374
Admonitory microdots 375

The IT Society 375
Opportunity and dangers 375
Populism 376
Anonymity 377
Electronic adjuncts 377
Value of second thoughts 378

Facing change 378
A changing species 378
Genetic research 379
Arbitrating on issues 380

Ideal Society 380
Traditional values still count 380
Treating all information with care 381
Society’s first mission is to reason 382

**Chapter 15: INFORMATION AND THE HUMAN CONDITION
(AT THE WHIM AND MERCY OF CHANCE)**

Our journey so far 383
Information is existence 383
Reality and Unreality 384
Simplicity 384
Infinity of What’s and Why’s 385
And many other questions 385

Everything is information 386
Be all and end all 386
Existence through the mind 386
Collective information 387
Personal information 388

Information’s changing nature 388
Amazing stampede 388
Unstoppable invention 389

Not yet Utopia 389
Regrettable impatience 390
No escape from contact 390

The growth of knowledge 391
To know or not to know 391
The curious mind 392
Macro and micro worlds 392
Honesty and correctness 393

Harmony of Body and Mind	394
<i>Working together</i>	394
<i>Memory as particles of matter</i>	394
<i>Building up intelligence</i>	395
Self conscious beings	396
<i>Self identity</i>	396
<i>Conscience</i>	396
<i>What are we?</i>	397
<i>Who are we?</i>	397
Power of emotion	398
<i>Product of the Mind</i>	398
<i>No limit to its scope</i>	398
<i>The better side</i>	399
<i>The bad side</i>	399
<i>Emotion in computers</i>	400
Dreams and the subconscious	400
<i>Much to discover</i>	400
<i>Imagination at work</i>	401
<i>Language of inference</i>	402
<i>Effect on our well being</i>	402
In defence of the subconscious	403
<i>Not at all unconscious</i>	403
<i>Vital support for all we do</i>	403
<i>Enjoy the wonder</i>	404
Coping with uncertainty	405
<i>Memory is far from infallible</i>	405
<i>DNA's great test</i>	405
<i>Experience less than real</i>	406
<i>Other life forms</i>	406
<i>Materialised intelligence</i>	407
Mathematics, Science, and Philosophy	407
<i>What, How, and Why</i>	407
<i>Zero and Infinity</i>	408
<i>A fourth dimension</i>	409
<i>Effects of an extra dimension</i>	409
Absence of proof	410
<i>Looking for answers</i>	410
<i>Assuming freewill</i>	411
<i>Learning our lessons</i>	411
<i>Finding purpose to life</i>	412
Back to information	412
<i>Our most important possession</i>	412