

Contents

List of figures	ix
Preface	x
Introduction	1
Chapter One: The History of Price Control	3
1.0 Introduction	3
1.i Primitive and prehistoric societies	3
1.ii Early historic controls	4
1.iii The medieval world	5
1.iv Medieval and early modern controls	6
1.v The Inca of Peru; a remarkable empire	8
1.vi The First World War	9
1.vii The Second World War	11
1.viii Post-war controls	16
1.ix The communist world	17
1.x Summary and conclusions	20
Chapter Two: Theories of Price Control	25
2.0 Introduction	25
2.i The early years; price control without black markets	25
2.ii The OPA debate; the introduction of black markets	26
2.iii Development; the procurement problem	26

	resolved and extended	35
2. iv	The theory of Soviet-type control	40
2. v	Divergent views	42
2. vi	Organization and objectives of the study	44
Chapter Three: Production and Control		46
3. o	Objectives and techniques	46
3. i	Control objectives: the broad aims	47
3. ii	Specific objectives of control	51
3. iii	Demand and cost conditions for the unregulated monopoly	52
3. iv	The competitive market without regulation	55
3. v	The mechanics of control	57
3. vi	Price control with perfect enforcement	57
3. vii	Control considerations for perfect enforcement	59
3. viii	Conclusion	62
Chapter Four: The Household and Consumer Demand		63
4. o	Rationing schemes	63
4. i	The household without rationing	65
4. ii	Coupon rationing	67
4. iii	Points rationing	68
4. iv	Queue rationing	70
4. v	Demand under rationing	72
4. vi	Rationing literature	80
Chapter Five: Fixed Procurement		82
5. o	The licensed producer	82
5. i	The fixed procurement for monopoly	83
5. ii	The monopoly model (M/F)	84
5. iii	Control characteristics for monopoly under fixed procurement	88
5. iv	Fixed procurement in a competitive market	90
5. v	The competitive model (C/F)	92
5. vi	Control characteristics of fixed procurement in a competitive market	95
5. vii	Conclusions on fixed procurement	97
Chapter Six: Variable Procurement		98
6. o	An Indian alternative	98
6. i	The monopoly model (M/V)	98
6. ii	Control characteristics for monopoly under variable procurement	101
6. iii	Variable procurement in a competitive market	103
6. iv	The competitive model (C/V)	104
6. v	Control characteristics of variable procurement in a competitive market	105
6. vi	Conclusions on variable procurement	107

Chapter Seven: Restricted Free Market Sales	108
7.o A self-financing policy	108
7.i The monopoly model (M/R)	109
7.ii Control characteristics of restricted free market sales for monopoly	111
7.iii Restricted free market sales in a competitive industry	113
7.iv The competitive model (C/R)	114
7.v Control characteristics of restricted free market sales for a competitive industry	118
7.vi Conclusions on restricted free market sales	118
Chapter Eight: Black Market Penalties	119
8.o Black market trading	119
8.i Black market penalties for monopoly	120
8.ii The monopoly model (M/B)	120
8.iii Control characteristics for monopoly under black market penalties	124
8.iv Black market penalties in a competitive industry	126
8.v The competitive model (C/B)	128
8.vi Control characteristics for a competitive industry under black market penalties	131
8.vii Conclusion on black market penalties	132
Chapter Nine: Indian Penalties	135
9.o Penalties in an Indian context	135
9.i Indian penalties for monopoly	136
9.ii The monopoly model (M/I)	136
9.iii Control characteristics of Indian penalties for monopoly	139
9.iv Proportional penalties in a competitive market	141
9.v The competitive model (C/I)	142
9.vi Control characteristics for Indian penalties in a competitive industry	145
9.vii Conclusion on Indian penalties	147
Chapter Ten: Direct Control	148
10.o The problem of direct control	148
10.i The basis of bonus functions	149
10.ii Control by constraint	149
10.iii Direct control of monopoly	150
10.iv Transactions costs for monopoly	152
10.v The monopoly model (M/D)	153
10.vi Characteristics of monopoly under direct control	158
10.vii The morality of recycling	159
10.viii Direct control in a competitive industry	161

10.ix	The competitive model (C/D)	162
10.x	Characteristics of direct control in a competitive industry	167
10.xi	Conclusion on direct control	170
10.xii	Origins of the model	170
Chapter Eleven: General Equilibrium		171
11.o	General economic considerations	171
11.i	Technology and the production function	172
11.ii	Equilibrium in a free market economy	174
11.iii	Fixed points and equilibria	179
11.iv	Equilibrium in a competitive price controlled economy	180
11.v	Further considerations	184
Chapter Twelve: Final Considerations		185
12.o	The past and the future	185
12.i	The lessons of history	186
12.ii	Social objectives	188
12.iii	Existing theory	188
12.iv	The demand model	190
12.v	Control results for the procurement systems	191
12.vi	Enforcement and information requirements	195
12.vii	Final conclusion	200
Notation		201
	Roman	201
	Greek	202
Index of definitions		204
Bibliography		207
Index		217