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Foreword

The National Curriculum Framework (NCF), 2005, recommends that children's life at school must be linked to their life outside the school. This principle marks a departure from the legacy of bookish learning which continues to shape our system and causes a gap between the school, home and community. The syllabi and textbooks developed on the basis of NCF signify an attempt to implement this basic idea. They also attempt to discourage rote learning and the maintenance of sharp boundaries between different subject areas. We hope these measures will take us significantly further in the direction of a child-centred system of education outlined in the National Policy of Education (1986).

The success of this effort depends on the steps that school principals and teachers will take to encourage children to reflect on their own learning and to pursue imaginative activities and questions. We must recognise that, given space, time and freedom, children generate new knowledge by engaging with the information passed on to them by adults. Treating the prescribed textbook as the sole basis of examination is one of the key reasons why other resources and sites of learning are ignored. Inculcating creativity and initiative is possible if we perceive and treat children as participants in learning, not as receivers of a fixed body of knowledge.

These aims imply considerable change in school routines and mode of functioning. Flexibility in the daily time-table is as necessary as rigour in implementing the annual calendar so that the required number of teaching days are actually devoted to teaching. The methods used for teaching and evaluation will also determine how effective this textbook proves for making children's life at school a happy experience, rather than a source of stress or boredom. Syllabus designers have tried to address the problem of curricular burden by restructuring and reorienting knowledge at different stages with greater consideration for child psychology and the time available for teaching. The textbook attempts to enhance this endeavour by giving higher priority and space to opportunities for contemplation and wondering, discussion in small groups, and activities requiring hands-on experience.

The National Council of Educational Research and Training (NCERT) appreciates the hard work done by the textbook development committee responsible for this book. We wish to thank the Chairperson of the advisory group in Social Sciences, at the higher secondary level, Professor Hari Vasudevan and the *Chief Advisor* for this book, Professor Tapas Majumdar, for guiding the work of this

committee. Several teachers contributed to the development of this textbook; we are grateful to their principals for making this possible. We are indebted to the institutions and organisations which have generously permitted us to draw upon their resources, materials and personnel. We are especially grateful to the members of the National Monitoring Committee, appointed by the Department of Secondary and Higher Education, Ministry of Human Resource Development, under the Chairpersonship of Professor Mrinal Miri and Professor G.P. Deshpande for their valuable time and contribution. As an organisation committed to systemic reform and continuous improvement in the quality of its products, NCERT welcomes comments and suggestions which will enable us to undertake further revision and refinements.

New Delhi 20 November 2006 Director National Council of Educational Research and Training

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contents

Forev	word	iii
1. In	TRODUCTION	1
1.1	A Simple Economy	1
1.2	Central Problems of an Economy	2
1.3	Organisation of Economic Activities	4
	1.3.1 The Centrally Planned Economy	4
	1.3.2 The Market Economy	5
	Positive and Normative Economics	6
1.5	Microeconomics and Macroeconomics	6
1.6	Plan of the Book	6
2. Tı	HEORY OF CONSUMER BEHAVIOUR	8
2.1	Utility	8
	2.1.1 Cardinal Utility Analysis	9
	2.1.2 Ordinal Utility Analysis	11
2.2	The Consumer's Budget	15
	2.2.1 Budget Set and Budget Line2.2.2 Changes in the Budget Set	15 17
2.3	Optimal Choice of the Consumer	19
	Demand	21
2.1	2.4.1 Demand Curve and the Law of Demand	21
	2.4.2 Deriving a Demand Curve from Indifference	
	Curves and Budget Constraints	23
	2.4.3 Normal and Inferior Goods	24
	2.4.4 Substitutes and Complements	25
	2.4.5 Shifts in the Demand Curve	25
	2.4.6 Movements along the Demand Curve and Shifts in the Demand Curve	26
2.5	Market Demand	26
2.6	Elasticity of Demand	27
	2.6.1 Elasticity along a Linear Demand Curve	29
	2.6.2 Factors Determining Price Elasticity of Demand for a Good	
	2.6.3 Elasticity and Expenditure	31
3. P	RODUCTION AND COSTS	36
3.1	Production Function	36
3.2	The Short Run and the Long Run	38
3.3	Total Product, Average Product and Marginal Product	39
	3.3.1 Total Product	39
	3.3.2 Average Product3.3.3 Marginal Product	39 39
	0.0.0 marginari roduct	$\mathcal{O}\mathcal{O}$

3.4	The Law of Diminishing Marginal Product and the Law of Variable Proportions	40
3.5	Shapes of Total Product, Marginal Product and Average Product Curves	41
	Returns to Scale	42
3.7	Costs	43
	3.7.1 Short Run Costs	43
	3.7.2 Long Run Costs	48
4. T	HE THEORY OF THE FIRM UNDER PERFECT COMPETITION	53
4.1	Perfect competition: Defining Features	53
4.2	Revenue	54
4.3	Profit Maximisation	56
	4.3.1 Condition 1	56
	4.3.2 Condition 2	56
	4.3.3 Condition 3	57
	4.3.4 The Profit Maximisation Problem: Graphical Representation	58
4.4	Supply Curve of a Firm	59
	4.4.1 Short Run Supply Curve of a Firm	59
	4.4.2 Long Run Supply Curve of a Firm 4.4.3 The Shut Down Point	60 61
	4.4.4 The Normal Profit and Break-even Point	61
45	Determinants of a Firm's Supply Curve	62
1.0	4.5.1 Technological Progress	62
	4.5.2 Input Prices	62
4.6	Market Supply Curve	63
	Price Elasticity of Supply	65
5. M	ARKET EQUILIBRIUM	71
5.1	Equilibrium, Excess Demand, Excess Supply	71
	5.1.1 Market Equilibrium: Fixed Number of Firms	72
	5.1.2 Market Equilibrium: Free Entry and Exit	80
5.2	Applications	84
	5.2.1 Price Ceiling	84
	5.2.2 Price Floor	85
6. No	ON-COMPETITIVE MARKETS	88
6.1	Simple Monopoly in the Commodity Market	88
	6.1.1 Market Demand Curve is the Average Revenue Curve	89
	6.1.2 Total, Average and Marginal Revenues	92
	6.1.3 Marginal Revenue and Price Elasticity of Demand	93
0.0	6.1.4 Short Run Equilibrium of the Monopoly Firm	93
6.2	Other Non-perfectly Competitive Markets 6.2.1 Monopolistic Competition	98 98
	6.2.2 How do Firms behave in Oligopoly?	99
Gloss	sary	102