## CONTENTS

<table>
<thead>
<tr>
<th>Acknowledgements</th>
<th>iv</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 INTRODUCTION</td>
<td>1</td>
</tr>
<tr>
<td>2 EDUCATION AND THE ECONOMY</td>
<td>14</td>
</tr>
<tr>
<td>2.1 Introduction; Interrelation of Markets in The Sectors</td>
<td>14</td>
</tr>
<tr>
<td>2.2 The Economy; Markets</td>
<td>16</td>
</tr>
<tr>
<td>The commodity and labour markets</td>
<td></td>
</tr>
<tr>
<td>The capital market</td>
<td></td>
</tr>
<tr>
<td>2.3 The Education Market; Supply</td>
<td>19</td>
</tr>
<tr>
<td>On-the-job training in firms</td>
<td></td>
</tr>
<tr>
<td>Training institutions run for profit: Private training institutions</td>
<td></td>
</tr>
<tr>
<td>The non-profit institution: The Formal School</td>
<td></td>
</tr>
<tr>
<td>2.4 The Education Market; Demand</td>
<td>27</td>
</tr>
<tr>
<td>The individual demand function for education</td>
<td></td>
</tr>
<tr>
<td>The aggregate demand function</td>
<td></td>
</tr>
<tr>
<td>2.5 Response of the Aggregate Demand for Education to Signals from the Labour Market</td>
<td>39</td>
</tr>
<tr>
<td>2.6 Income Groups and the Composition of Aggregated Demand</td>
<td>46</td>
</tr>
<tr>
<td>3 ON-THE-JOB SKILL FORMATION</td>
<td>49</td>
</tr>
<tr>
<td>3.1 The Firm and the Education Market</td>
<td>49</td>
</tr>
</tbody>
</table>

-vi-
3.2 Training Cost, the Productivity of Skilled Personnel, and the Wages Cost
The cost of training on the job
The productivity of skilled personnel
Wages cost of skilled labour in the open market

3.3 On-the-Job Skill Formation
A special case

4 SKILL FORMATION IN PROFIT-MAKING AND NON-PROFIT INSTITUTIONS

4.1 Objectives of the Private Training Institution

4.2 Skill Formation in the Profit-making Institution and its Effects on the Labour Market

4.3 Factors Leading to the Excess Demand for Education

4.4 Objectives of the Non-profit School

4.5 Pricing and Supply of Education by the Non-profit School

4.6 Skill Formation in the Non-profit School and its Effects on the Labour Market

4.7 Comparative Effects on the Labour and Commodity Markets of Skill Formation in the Non-profit and Profit-making Institutions

5 THE MARKET AND INVESTMENT IN SKILL FORMATION

5.1 The Economy and Skill Formation: Nature of Investment in Education

5.2 The Market and the Investment Decisions in Two Domains
5.3 Expectations and the Incentive to Invest in Skill Formation

- Expectations about the size of the market
- Expectations about the form of the market
- Expectations about change in technology

5.4 The Capacity to Invest in Skill Formation

- Size and form of the commodity and labour markets
- Size and form of the capital market
- The state of technology

5.5 Divergence between the Market Environments of the Developed and the Developing Economies

5.6 A Summary

6 FACTORS UNDERLYING SKILL FORMATION - CONJECTURES OFFERED IN A HISTORICAL PERSPECTIVE

6.1 Introduction: Phases of Skill Formation

6.2 Schooling in Different Ages

6.3 Skill Formation in Different Phases

6.4 Factors underlying the Transition to Institutionalisation of Skill Formation

- Technological change and educational transition
- Advantages derived through the exploitation of market possibilities

6.5 The Contemporary Phase and the Underlying Factors

6.6 Role of the Market in Skill Formation

Appendix to Chapter 6
7. A DIGRESSION ON SKILL MIGRATION - THE OPEN-
ECONOMY CASE OF SKILL FORMATION IN DEVELOPING COUNTRIES

7.1 Introduction

7.2 Migration-oriented Investment in Skill Formation

Factors providing incentives to individual investment

Factors providing incentives to institutional investors

7.3 Implicit Support of Developed-country Employers to Skill Formation in Developing-countries

7.4 Emigration of Skill - "Brain-drain" or "Brain-export"?

8. SOCIETAL CONSIDERATIONS FOR PUBLIC POLICY IN EDUCATION: SOME CONCLUDING REMARKS

8.1 Introduction

8.2 Externalities in Education

Forms of societal intervention

8.3 Efficiency Arguments in Justification of Societal Investment

Uncertainty and investment decisions in education

Economies of scale

8.4 Difficulties in Societal Policy Determination: The Social Choice Dilemmas in Education

8.5 Holding the Dilemmas by the Horns

A large market

Collective choice rules
8.6 Conclusion

Appendix to Chapter 8

SELECT BIBLIOGRAPHY

... ... 290