Contents

List of figures xiii
List of tables xiv
List of focuses xvi
Preface to the third edition xviii
Acknowledgements xxi

PART I
An overview of economic development 1

1 The development imperative 3

Why study economic development? 3
Poverty in the less-developed world 6
The development enigma 12
Recent trends in economic growth 14
Why development, and why now? 18
Economic growth and development require structural change 19
Barriers to development 22
Resources for student use and suggestions for further reading 24
Questions and exercises 25
Notes 26
References 28

2 Measuring economic growth and development 30

Introduction 30
The economic growth/income criterion of development 31
Measuring economic growth 33
Necessary adjustments to the GDP and GNI measures 36
GNI or GDP: is one income measure better than the other? 46
International comparisons of income: purchasing power parity (PPP) income 47
The indicators criterion of development: the Human Development Index 50
Adjustments to the HDI 54
3 Development in historical perspective

Introduction 73
The origins of economic development 75
Colonialism 76
The lasting effects of colonialism and path dependency 78
Forms of European colonialism 79
Merchant capital: from old colonialism to new colonialism 80
British rule in India: the transition from merchant capital to industrial capital 81
The functional role of colonialism 84
The colonial elite: the enduring significance of collaboration 86
De-industrialization in the colonies 87
Colonial industrialization? 89
Measuring the impact of colonialism 91
The terms of trade and comparative advantage 91
Credit and underdevelopment 93
The new imperialism: 1870–1914 95
Mature colonialism and progressive colonialism 96
British and French colonialism in West Africa: 1945–65 96
Progressive colonialism 97
Decolonization 98
Point Four Aid 98
Economic dualism 100
Summary and conclusions 102
Questions for review 103
Notes 103
References 105

PART 2
Theories of development and underdevelopment 107

4 Classical and neoclassical theories

Introduction 109
Adam Smith: a theory of competitive capitalism and growth 111
Malthus's theory of population and economic growth 114
Ricardo's theories of diminishing returns and comparative advantage 118
Marx's analysis of capitalist development: a brief digression 125
Neoclassical growth models 127
Summary and conclusions 131
Questions and exercises 133
Notes 136
References 139

5 Developmentalist theories of economic development 140

Introduction 140
The theory of the big push 142
A theory of balanced growth 145
Unbalanced growth 147
Growth with unlimited supplies of labor 151
Utilizing the economic surplus 157
Stages of growth theory 159
Questions and exercises 164
Notes 164
References 166

6 Heterodox theories of economic development 168

Introduction 168
The Latin American structuralists 169
The institutionalists 180
Dependency analysis 185
Classical Marxism 194
Questions and exercises 196
Notes 197
References 199

PART 3
The structural transformation 201

7 The state as a potential agent of transformation: from neoliberalism to embedded autonomy 203

Introduction 203
Origins of the neoliberal paradigm 205
Government in the process of development 210
The neoliberalism of Deepak Lal 213
The new political economy 216
Endogenous growth theories and new strategies for development

Introduction
The income convergence controversy
Income convergence/divergence, path dependence, and poverty traps
Endogenous growth models
Measuring the impact of key inputs in endogenous growth models:
growth accounting
Technical efficiency change
Conclusions
Questions and exercises
Notes
References

The initial structural transformation: initiating the industrialization process

Introduction: an industrialization imperative?
Structural change and economic growth
The Lewis dual-economy model of structural transformation:
surplus labor
Initiating the structural transformation process: industrialization
Government and easy ISI
Infant industry tariffs: overcoming transitional inefficiencies
Static and dynamic welfare effects of an infant industry tariff:
to do or not to do?
The elimination of infant industry protection: when is enough enough?
The importance of embedded state autonomy to successful ISI
Potential gains from the easy ISI stage of industrialization
Para-state firms and social capital
Measuring the success of easy ISI
Summary and conclusions
Questions and exercises
Notes
References
10 Strategy switching and industrial transformation

Continuing structural change 308
Industrial sequencing: beyond easy ISI 309
Foreign exchange shortages 310
Easy export substitution industrialization: the optimal strategy switch after easy ISI 312
Difficult ISI: a sub-optimal strategy switch immediately after easy ISI 317
Endowments and policies: explaining strategy switches 322
Subsequent strategy switches 325
Continuing strategy switches 331
What can other less-developed nations learn? 332
Where we are headed, where we have been 333
Questions and exercises 334
Notes 336
References 340

11 Agriculture and development

Introduction 341
Inadequate infrastructural investment 346
Primary product mono-exporters 350
Peasant agriculture and small-scale cultivators 355
Are peasants efficient producers? 358
High-yield varieties, biotechnology, genetically modified food crops, and rural productivity 362
The developmental problems of cash crop farmers 367
Large landholdings and agrarian backwardness 371
The structuralist view 373
Transnational agribusiness 374
Government in agricultural development 376
Land reform 379
Land reform in Mexico 382
Korea’s Saemaul Undong 383
Questions and exercises 385
Notes 387
References 388

12 Population, education, and human capital

Introduction 391
A population problem? 392
The natural and the actual rate of population growth 394
The demographic transition 396
Contents

Determinants of the crude birth rate: understanding the dynamics of population growth 400
The role of children in less-developed and developed economies 402
Human capital accumulation: augmenting initial endowments 405
Human capital accumulation and market failure: what is the role of government? 408
Population growth and human capital accumulation 413
Summary and conclusions 415
Questions and exercises 415
Notes 418
References 420

13 Technology and development

Introduction 422
What is technology? 423
A technological strategy of development 425
Total factor productivity and national technology 429
Technology-centered development 434
Industrial innovation: continuing technological progress 439
Industrial policies to promote an ITLC 440
Macropolicies and technological change 442
Summary and conclusions 443
Questions and exercises 444
Notes 445
References 447

PART 4
Problems and issues

14 Transnational corporations and economic development

Introduction 451
Import substitution industrialization and the TNCs 452
The globally integrated production system 455
Foreign direct investment 459
Who in the less-developed countries gains from FDI? 461
Capital formation 464
Potential costs of TNCs to a host country 469
Weak linkages, thin globalization 471
Export promotion and the fallacy of composition 474
Long-term costs of TNCs: the potential for environmental degradation 475
Export processing zones and the problems of small nations 475
15 Macroeconomic equilibrium: the external balance

Introduction 491
The balance of payments 492
The current account: foreign exchange earnings and spending 493
The capital and financial account: foreign exchange borrowing and lending 497
Net errors and omissions 501
What does it mean to say that a country has a balance of payments problem? 502
Exchange rates 503
Types of exchange rate regimes 504
Real versus nominal exchange rates 512
Exchange rates and the balance of payments 515
Currency overvaluation and the possible impact on the balance of payments 517
"Good" external imbalances 520
Summary and conclusions: monitoring the external balances 522
Questions and exercises 524
Notes 527
References 528

16 The debt problem and development

Introduction 529
Origins of the 1970s–1980s external debt dilemma 530
Petrodollar recycling 531
Dimensions of the debt crisis 533
External borrowing, adjustment policies, and savings 538
The debt service obligation: the real cost of debt repayment 541
The 1980s debt crisis 543
Longer-term efforts to overcome the debt crisis 545
Debt overhang and future economic growth 546
Summary and conclusions 548
Questions and exercises 549
Notes 551
References 553
17 International institutional linkages: the International Monetary Fund, the World Bank, and foreign aid

Introduction 555
The IMF 556
Objectives of the IMF 562
Do IMF programs work? 567
The World Bank 570
Critiques of World Bank and IMF SALs 577
Sustainable development, comprehensive development framework, and a knowledge bank? 578
The Poverty Reduction Strategy approach 579
Foreign aid 583
Conclusion 589
Questions and exercises 591
Notes 592
References 593

Index 597