# Contents

Preface xi  

**CHAPTER 1**  
Trends in Domestic and International Banking 1  
1.1 Introduction 1  
1.2 Deregulation 3  
1.3 Financial Innovation 4  
1.4 Globalization 6  
1.5 Profitability 8  
1.6 The Future 16  
1.7 Conclusion 19  
1.8 Summary 19  
Questions 20  
Test Questions 21  

**CHAPTER 2**  
Financial Intermediation: The Impact of the Capital Market 23  
2.1 Introduction 23  
2.2 The Role of the Capital Market 24  
2.3 Determination of the Market Rate of Interest 30  
2.4 Summary 34  
Questions 35  
Test Questions 35  

**CHAPTER 3**  
Banks and Financial Intermediation 37  
3.1 Introduction 37  
3.2 Different Requirements of Borrowers and Lenders 38  
3.3 Transaction Costs 40  
3.4 Liquidity Insurance 43  
3.5 Asymmetry of Information 46  
3.6 Operation of the Payments Mechanism 51  
3.7 Direct Borrowing from the Capital Market 51  
3.8 Conclusion 52  
3.9 Summary 53  
Questions 53  
Test Questions 53
CHAPTER 4 Banking Typology

4.1 Introduction 55
4.2 General Features of Banking 56
4.3 Retail Banking 59
4.4 Wholesale Banking 61
4.5 Universal Banking 63
4.6 Islamic Banking 64
4.7 Microfinance 66
4.8 Shadow Banking 68
4.9 Summary 70
Questions 70
Test Questions 70

CHAPTER 5 International Banking

5.1 Introduction 71
5.2 The Nature of International Banking 72
5.3 Growth of International Banking 75
5.4 The Eurocurrency Markets 77
5.5 Summary 84
Questions 84
Test Questions 85

CHAPTER 6 The Theory of the Banking Firm

6.1 Introduction 87
6.2 The Textbook Model 88
6.3 The Perfectly Competitive Bank 90
6.4 The Monopoly Bank 92
6.5 The Imperfect Competition Model 97
6.6 Summary 100
Questions 100
Test Questions 101

CHAPTER 7 Models of Banking Behaviour

7.1 Introduction 103
7.2 The Economics of Asset and Liability Management 104
7.3 Liquidity Management 104
7.4 Loan Pricing 109
7.5 Asset Management 112
7.6 The Real Resource Model of Asset and Liability Management 118
### CHAPTER 8 Credit Rationing

8.1 Introduction 125  
8.2 The Availability Doctrine 126  
8.3 Theories of Credit Rationing 127  
8.4 Asymmetric Information and Adverse Selection 129  
8.5 Adverse Incentive 130  
8.6 Screening versus Rationing 133  
8.7 Empirical Evidence 135  
8.8 The Existence of Credit Rationing 136  
8.9 Summary 139  
Questions 140  
Test Questions 140

### CHAPTER 9 Securitization

9.1 Introduction 141  
9.2 Sales of Securities through Financial Markets 144  
9.3 Asset-Backed Securitization (ABS) 146  
9.4 The Process of Asset-Backed Securitization 147  
9.5 The Gains from Asset-Backed Securitization 148  
9.6 Conclusions 155  
9.7 Summary 155  
Questions 155  
Test Questions 156

### CHAPTER 10 Banking Efficiency and the Structure of Banking

10.1 Introduction 157  
10.2 Measurement of Output 157  
10.3 Performance Measures 159  
10.4 Reasons for the Growth of Mergers and Acquisitions 169  
10.5 Motives for Mergers 172  
10.6 Empirical Evidence 173  
10.7 Summary 179  
Questions 180  
Test Questions 180
<table>
<thead>
<tr>
<th>CHAPTER</th>
<th>11 Banking Competition</th>
<th>181</th>
</tr>
</thead>
<tbody>
<tr>
<td>11.1</td>
<td>Introduction</td>
<td>181</td>
</tr>
<tr>
<td>11.2</td>
<td>Concentration in Banking Markets</td>
<td>182</td>
</tr>
<tr>
<td>11.3</td>
<td>Structure–Conduct–Performance</td>
<td>184</td>
</tr>
<tr>
<td>11.4</td>
<td>Competition Analysis</td>
<td>186</td>
</tr>
<tr>
<td>11.5</td>
<td>Competition in the UK Banking Market</td>
<td>192</td>
</tr>
<tr>
<td>11.6</td>
<td>Summary Questions</td>
<td>198</td>
</tr>
<tr>
<td></td>
<td>Test Questions</td>
<td>199</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CHAPTER</th>
<th>12 Bank Regulation</th>
<th>201</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.1</td>
<td>Introduction</td>
<td>201</td>
</tr>
<tr>
<td>12.2</td>
<td>The Case for Regulation</td>
<td>202</td>
</tr>
<tr>
<td>12.3</td>
<td>The Case against Regulation</td>
<td>209</td>
</tr>
<tr>
<td>12.4</td>
<td>Regulation</td>
<td>215</td>
</tr>
<tr>
<td>12.5</td>
<td>Summary Questions</td>
<td>228</td>
</tr>
<tr>
<td></td>
<td>Test Questions</td>
<td>228</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CHAPTER</th>
<th>13 Banks and Money Laundering</th>
<th>229</th>
</tr>
</thead>
<tbody>
<tr>
<td>13.1</td>
<td>Introduction</td>
<td>229</td>
</tr>
<tr>
<td>13.2</td>
<td>Scale, Scope and Typology</td>
<td>230</td>
</tr>
<tr>
<td>13.3</td>
<td>Microeconomics of Money Laundering</td>
<td>235</td>
</tr>
<tr>
<td>13.4</td>
<td>Macroeconomics of Money Laundering</td>
<td>241</td>
</tr>
<tr>
<td>13.5</td>
<td>Combating Money Laundering</td>
<td>242</td>
</tr>
<tr>
<td>13.6</td>
<td>Summary Questions</td>
<td>244</td>
</tr>
<tr>
<td></td>
<td>Test Questions</td>
<td>245</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CHAPTER</th>
<th>14 Risk Management</th>
<th>247</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.1</td>
<td>Introduction</td>
<td>247</td>
</tr>
<tr>
<td>14.2</td>
<td>Risk Typology</td>
<td>248</td>
</tr>
<tr>
<td>14.3</td>
<td>Interest Rate Risk Management</td>
<td>250</td>
</tr>
<tr>
<td>14.4</td>
<td>Market Risk</td>
<td>260</td>
</tr>
<tr>
<td>14.5</td>
<td>Credit Risk</td>
<td>270</td>
</tr>
<tr>
<td>14.6</td>
<td>Operational Risk</td>
<td>279</td>
</tr>
<tr>
<td>14.7</td>
<td>Risk Management and the Global Banking Crisis</td>
<td>279</td>
</tr>
<tr>
<td>14.8</td>
<td>Conclusion</td>
<td>283</td>
</tr>
<tr>
<td>14.9</td>
<td>Summary Questions</td>
<td>284</td>
</tr>
<tr>
<td></td>
<td>Test Questions</td>
<td>285</td>
</tr>
</tbody>
</table>
CHAPTER 15

The Macroeconomics of Banking

15.1 Introduction 287
15.2 The Economics of Central Banking 288
15.3 Financial Innovation and Monetary Policy 297
15.4 Bank Credit and the Transmission Mechanism 302
15.5 Summary 309
Questions 309
Test Questions 310

References 311

Index 323