## CONTENTS

### Chapter-1

**Introduction**

1.1 Introduction .................................................. 1
1.2 Objectives of the study ........................................... 2
1.3 Scope of the study .............................................. 4
1.4 Justification of the study ....................................... 4
1.5 Methodology .................................................... 5
  1.5.1 Research Design ........................................... 5
    1.5.1.1 The Research Process ‘Onion’ ........................ 6
    1.5.1.2 Triangulation ......................................... 8
  1.5.2 Conceptual model for the study ......................... 9
  1.5.3 Formulation of Hypotheses ............................... 11
  1.5.4 Establishing the Sampling Plan ......................... 14
  1.5.5 Modifying the SERVQUAL Instrument .................. 15
  1.5.6 Formulation of the Instruments ......................... 16
    1.5.6.1 Development of Questionnaire (Primary Survey Instrument) for the Customers ................. 17
    1.5.6.2 Pilot Testing for Bankers’ Questionnaire by Focus Group Interview .......................... 18
    1.5.6.3 Development of Questionnaire (Primary Survey Instrument) for the Bankers .................. 18
  1.5.7 Behavioural Intentions Battery .......................... 19
  1.5.8 Scaling Technique ........................................ 19
  1.5.9 Defining the Primary Variables ......................... 20
  1.5.10 Variables identified to obtain the CRM score .......... 20
  1.4.11 Data Collection ......................................... 21
  1.5.12 Data Analysis ........................................... 22
  1.5.13 Reliability and Validity testing ....................... 25
  1.5.14 Proposed Stages (time-line) of the study ............. 25
1.6 Statistical tools ............................................. 26
1.7 Limitations of the Research ................................ 28
1.8 Organization and Presentation of the thesis ............... 28
1.9 Conclusion .................................................. 28
Chapter-2

Review of Literature and Theoretical Framework

2.1 Introduction 31
2.2 SERVQUAL: An application tool for measuring service quality 33
2.3 Service Quality Models
   2.3.1 Grönroos’s model of technical and functional quality 35
   2.3.2 Service quality ‘GAP’ model by Parasuraman, Zeithaml and Berry 35
   2.3.3 Haywwod-Farmer’s Attribute service quality models 36
   2.3.4 Synthesised model of service quality by Brogowicz 36
   2.3.5 Performance model by Cronin and Taylor (SERVPERF) 37
   2.3.6 Mattson’s Ideal value model of service quality 37
   2.3.7 PCP attribute model by Philip and Hazlett 37
   2.3.8 Internal service quality model by Frost and Kumar 37
   2.3.9 Luk and Layton’s model 38
   2.3.10 Disconfirmation theory 39
2.4 Behavioral and Financial Consequences of Service Quality 40
2.5 Service quality and retention 40
2.6 Service quality in banking 41
2.7 Relationship Marketing 46
2.8 Customer Relationship Management (CRM)
   2.8.1 Technology in CRM: Integration of People, Process and Technology 59
   2.8.2 CRM Performance Measurement 65
   2.8.3 CRM and Profitability 70
   2.8.4 Application and adoption of CRM in banking sector 76
2.8.5 CRM Models
   2.8.5.1 Generational model of CRM 88
   2.8.5.2 Axiomatic model 89
   2.8.5.3 Three Component model 91
   2.8.5.4 Migratory model 91
   2.8.5.5 Knowledge-enabled CRM model 1 92
   2.8.5.6 Knowledge-enabled CRM model 2 93
   2.8.5.7 Integrated framework of customer value and CRM performance 93
   2.8.5.8 Customer Relationship Leadership (CRL) model 94
   2.8.5.9 Value compass model 94
   2.8.5.10 Five-pillars model 94
   2.8.5.11 Systemic integrated communications model 95
   2.8.5.12 CRM Value-chain model 95
   2.8.5.13 Customer Management System in CRM 95
<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.8.5.14 Gerhard et al's model of three pillars of Integral CRM</td>
<td>96</td>
</tr>
<tr>
<td>2.9 CRM – conceptual variations</td>
<td>98</td>
</tr>
<tr>
<td>2.10 Realigning Marketing Process with CRM – A case of Market Process</td>
<td>100</td>
</tr>
<tr>
<td>Reengineering [MPR]</td>
<td></td>
</tr>
<tr>
<td>2.10.1 CRM Marketing Initiatives</td>
<td>102</td>
</tr>
<tr>
<td>2.11 Benefits of Customer Relationship Management</td>
<td>102</td>
</tr>
<tr>
<td>2.12 Conclusions</td>
<td>107</td>
</tr>
</tbody>
</table>

**Chapter-3**

**Indian Banking Environment – A brief assessment**

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.1 Introduction</td>
<td>130</td>
</tr>
<tr>
<td>3.2 State Bank of India – A brief perspective</td>
<td>140</td>
</tr>
<tr>
<td>3.2.1 Group companies</td>
<td>141</td>
</tr>
<tr>
<td>3.2.2 Branches of SBI</td>
<td>142</td>
</tr>
<tr>
<td>3.2.3 Symbol &amp; Slogan</td>
<td>142</td>
</tr>
<tr>
<td>3.2.4 Products and Service lines offered</td>
<td>142</td>
</tr>
<tr>
<td>3.2.5 Modernization and CRM implementation in SBI</td>
<td>144</td>
</tr>
<tr>
<td>3.2.6 Initial system redundancy</td>
<td>145</td>
</tr>
<tr>
<td>3.2.7 CRM philosophy adaptation in bank</td>
<td>150</td>
</tr>
<tr>
<td>3.2.8 Purpose of CRM implementation in banks</td>
<td>151</td>
</tr>
<tr>
<td>3.2.8.1 Introduction of ‘OnlineSBI’ – a major web-based customer</td>
<td>153</td>
</tr>
<tr>
<td>integration project by SBI</td>
<td></td>
</tr>
<tr>
<td>3.2.8.2. Performance of SBI during the phase of automation</td>
<td>154</td>
</tr>
<tr>
<td>3.3 Conclusions</td>
<td>156</td>
</tr>
</tbody>
</table>

**Chapter-4**

**Data Analysis and Interpretations**

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.1 Introduction</td>
<td>158</td>
</tr>
<tr>
<td>4.2 Profile of the Sample</td>
<td>158</td>
</tr>
<tr>
<td>4.3 SERVQUAL Analysis</td>
<td>161</td>
</tr>
<tr>
<td>4.3.1 GAP analysis with SERVQUAL</td>
<td>171</td>
</tr>
<tr>
<td>4.4 Testing Hypothesis – 1</td>
<td>194</td>
</tr>
<tr>
<td>4.4.1 Analysis for testing of hypothesis-1</td>
<td>194</td>
</tr>
<tr>
<td>4.4.2 Implications of Hypothesis-1</td>
<td>200</td>
</tr>
<tr>
<td>4.5 Testing Hypothesis – 2</td>
<td>201</td>
</tr>
<tr>
<td>4.5.1 Analysis of Hypothesis - 2</td>
<td>201</td>
</tr>
<tr>
<td>4.5.2 Implications of Hypothesis-2</td>
<td>220</td>
</tr>
</tbody>
</table>
4.6 Testing Hypothesis – 3
4.6.1 Analysis of Hypothesis-3 220
4.6.2 Implication of Hypothesis-3 221
4.7 Testing Hypothesis-4 233
4.7.1 Analysis for testing hypothesis 4 234
4.7.2 Implications of hypothesis-4 239
4.8 Testing Hypotheses – 5 239
4.8.1 Analysis of hypothesis 5 240
4.8.2 Implications of Hypothesis-5 258
4.9 Testing Hypothesis-6 259
4.9.1 Analysis for testing hypothesis-6 260
4.9.2 Implications of Hypothesis-6 265
4.10 Testing Hypothesis-7 265
4.10.1 Analysis of Hypothesis-7 266
4.10.2 Implications of Hypothesis-7 282
4.11 Testing Hypothesis-8 283
4.11.1 Analysis of Hypothesis-8 283
4.11.2 Implications of hypothesis 8 290
4.12 Model development 290

Chapter-5
Findings, Conclusion and Recommendations 305
5.1 Introduction 305
5.2 Findings 305
5.3 Conclusions 312
5.4 Recommendations 312
5.5 Scope for future research 313

Bibliography 314

Appendix 338