<table>
<thead>
<tr>
<th>Serial No.</th>
<th>Contents</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1</td>
<td>Introduction</td>
<td>2</td>
</tr>
<tr>
<td>1.2</td>
<td>Retail banking in India</td>
<td>3</td>
</tr>
<tr>
<td>1.2.1</td>
<td>Assets side retail banking products (retail lending schemes)</td>
<td>5</td>
</tr>
<tr>
<td>1.2.2</td>
<td>Retail banking liability focused segment</td>
<td>6</td>
</tr>
<tr>
<td>1.2.3</td>
<td>Retail banking other products</td>
<td>7</td>
</tr>
<tr>
<td>1.2.3.1</td>
<td>Debit and credit cards</td>
<td>7</td>
</tr>
<tr>
<td>1.2.3.2</td>
<td>Prepaid payment instruments</td>
<td>8</td>
</tr>
<tr>
<td>1.2.3.3</td>
<td>Investment products</td>
<td>9</td>
</tr>
<tr>
<td>1.2.4</td>
<td>Retail banking delivery channels</td>
<td>9</td>
</tr>
<tr>
<td>1.2.4.1</td>
<td>Branch banking</td>
<td>9</td>
</tr>
<tr>
<td>1.2.4.2</td>
<td>Automated Teller Machines (ATMs)</td>
<td>11</td>
</tr>
<tr>
<td>1.2.4.3</td>
<td>Internet banking</td>
<td>12</td>
</tr>
<tr>
<td>1.2.4.4</td>
<td>Mobile banking</td>
<td>13</td>
</tr>
<tr>
<td>1.2.5</td>
<td>Characteristics of retail banking</td>
<td>13</td>
</tr>
<tr>
<td>1.2.6</td>
<td>Drivers of retail banking</td>
<td>14</td>
</tr>
<tr>
<td>1.2.7</td>
<td>Challenges faced by retail banking in India</td>
<td>16</td>
</tr>
<tr>
<td>1.3</td>
<td>Need and significance of study</td>
<td>18</td>
</tr>
<tr>
<td>1.4</td>
<td>Statement of the problem</td>
<td>21</td>
</tr>
<tr>
<td>1.4.1</td>
<td>Research objectives</td>
<td>21</td>
</tr>
<tr>
<td>1.5</td>
<td>Operations definitions of terms and concepts</td>
<td>21</td>
</tr>
<tr>
<td>1.6</td>
<td>Scope of the study</td>
<td>23</td>
</tr>
<tr>
<td>1.7</td>
<td>Area of the study</td>
<td>24</td>
</tr>
<tr>
<td>1.8</td>
<td>Limitations of the study</td>
<td>24</td>
</tr>
</tbody>
</table>
2 REVIEW OF RELATED LITERATURE 26-86
2.1 Service quality 27
2.2 Service Quality Models 29
2.2.1 Gronroos’s service quality model 29
2.2.2 GAP model of service quality 32
2.2.2.1 Criticism of SERVQUAL 35
2.2.2.2 Refinement of SERVQUAL 41
2.2.3 SERVPERF model (Cronin and Taylor, 1992) 44
2.2.4 Value based service quality model (Mattson, 1992) 45
2.2.5 Systems approach service quality model (Johnson, Tsiros, and Lacioni, 1995) 46
2.2.6 Attributes based service quality models 47
2.2.6.1 Haywood-Farmer’s attribute based service quality model (1988) 47
2.2.6.2 Attribute based service quality model by Philip and Hazlett (1997) 50
2.2.6.3 Attribute based service quality model by Shemwell and Yavas (1999) 52
2.2.7 Hierarchical service quality models 53
2.2.7.1 Retail service quality model by Dabhokar et al. (1996) 53
2.2.7.2 Hierarchical service quality model by Brady and Cronin (2001) 55
2.2.7.3 The INDSERV scale by Gounaris (2005) 57
2.2.7.4 Hierarchical healthcare service quality model by Dagger, Sweeney and Johnson (2007) 58
2.3 Service quality models in retail banking 60
2.4 Implications of service quality 64
2.5 Customer Satisfaction 65
2.5.1 Customer satisfaction - a process or a response? 66
2.5.1.1 Expectation-Disconfirmation paradigm 66
2.5.1.2 Equity based satisfaction models 69
2.5.1.3 Experience based norms satisfaction model 71
(Woodruff, Cadotte, and Jenkins, 1983)
2.5.1.4 Value-percept satisfaction model by Westbrook and Reailly (1983) 73
2.5.1.5 Attribution based satisfaction model 73
2.5.1.6 Affect based satisfaction model 74
2.5.2 Satisfaction - cognitive and/or affective and/or conative 75
2.5.3 Transaction specific and cumulative satisfaction 76
2.5.4 Determination of satisfaction 78
2.6 Service quality dimensions and satisfaction 80
2.7 Relationship between service quality, customer satisfaction and behavioral intentions 82
2.8 Research gaps identified 84

3 RESEARCH METHODOLOGY 87-117
3.1 Theoretical framework 88
3.2 Research Hypotheses 91
3.2.1 Hypothesis associated with research objective 1 91
3.2.2 Hypotheses associated with research objective 2 92
3.2.3 Hypotheses associated with research objective 3 92
3.2.4 Hypotheses associated with research objective 4 92
3.3 Research design 94
3.3.1 Development of the scales 94
3.3.2 Instrument used for data collection 96
3.3.3 Pilot testing of questionnaire 98
3.4 Sampling design 98
3.5 Data collection method 101
3.6 Data analysis 101
3.6.1 Descriptive analysis 101
3.6.2 Exploratory Factor Analysis (EFA) 101
3.6.3 Reliability and validity of the scale 103
3.6.4 Confirmatory Factor Analysis (CFA) 106
3.6.5 Structured Equation Modeling (SEM): second order factor model 108
3.6.6 Testing hypotheses 113
3.6.6.1 Analysis of Variance (ANOVA) 114
3.6.6.2 Kruskal-Wallis H test 115
3.6.6.3 Independent samples t-test 115
3.6.7 Data analysis process summary 117

4 RESULTS AND FINDINGS 118-216
4.1 Item generation and pilot testing 119
4.2 Pretesting of the scales 120
4.3 Exploratory Factor Analysis (EFA) 124
4.3.1 Exploratory factor analysis of service quality items 124
4.3.2 Reliability of service quality scale 131
4.3.3 Exploratory factor analysis of behavioral intentions items 133
4.3.4 Reliability testing of behavioral intentions scale 134
4.3.5 Reliability testing of customer satisfaction scale 136
4.4 Findings related to research objective 1 138
4.4.1 Confirmatory factor analysis of three-factor service quality model (Stage 1) 138
4.4.2 Confirmatory factor analysis of three-factor service quality model (Stage 2) 142
4.4.3 Confirmatory factor analysis of three-factor service quality model (Stage 3)
4.4.4 Confirmatory factor analysis of three-factor service quality model (Stage 4)
4.4.4.1 Validity of three-factor service quality model (CFA stage 4)
4.4.5 Confirmatory factor analysis of three-factor service quality model (Stage 5)
4.4.5.1 Validity of three-factor service quality model (CFA stage 5)
4.4.6 Confirmatory factor analysis of three-factor service quality model (Stage 6)
4.4.7 Testing of hypothesis related to research objective 1
4.5 Findings related to research objective 2
4.5.1 Assessing model fit for SEM measurement model
4.5.2 Validity of SEM measurement model
4.5.3 Evaluation of structural model
4.5.3.1 Direct effect of service quality on behavioral intentions
4.5.3.2 Indirect effect of service quality on behavioral intentions
4.5.3.3 Assessing the model fit of the proposed structural model
4.5.4 Mediating effect of customer satisfaction
4.5.5 Hypotheses related to research objective 2
4.6 Findings related to research objective 3
4.6.1 Impact of service quality dimensions on customer satisfaction
4.6.2 Hypothesis related to research objective 3 171
4.7 Findings related to research objective 4 172
4.7.1 Relationship between demographic characteristics and service quality 172
4.7.1.1 Relationship between age and service quality 172
4.7.1.2 Relationship between gender and service quality 175
4.7.1.3 Relationship between income and service quality 177
4.7.1.4 Relationship between qualification and service quality 180
4.7.1.5 Relationship between occupation and service quality 182
4.7.2 Relationship between demographic characteristics and customer satisfaction 184
4.7.2.1 Relationship between age and customer satisfaction 184
4.7.2.2 Relationship between gender and customer satisfaction 187
4.7.2.3 Relationship between income and customer satisfaction 189
4.7.2.4 Relationship between qualification and customer satisfaction 192
4.7.2.5 Relationship between occupation and customer satisfaction 194
4.7.3 Relationship between demographic characteristics and behavioral intentions 196
4.7.3.1 Relationship between age and behavioral intentions 196
4.7.3.2 Relationship between gender and behavioral intentions 199
4.7.3.3 Relationship between income and behavioral intentions

4.7.3.4 Relationship between qualification and behavioral intentions

4.7.3.5 Relationship between occupation and behavioral intentions

4.8 Banking behavior of retail customers

4.8.1 Usage of core products

4.8.2 Usage of third-party products

4.8.3 Usage of assets products

4.8.4 Usage of transaction linked products

5. DISCUSSION AND CONCLUSIONS

5.1 Summary of the study

5.2 Summary of the findings

5.2.1 Findings related to research objective 1

5.2.1.1 Dimensions of service quality

5.2.1.2 Reliability of service quality

5.2.1.3 Validity of service quality

5.2.1.4 Dimensions of behavioral intentions

5.2.1.5 Reliability statistics of customer satisfaction and behavioral intentions

5.2.2 Findings related to research objective 2

5.2.2.1 Customer satisfaction as a mediating construct between service quality and behavioral intentions

5.2.3 Findings related to research objective 3

5.2.3.1 Impact of service quality dimensions on customer satisfaction

5.2.4 Findings related to research objective 4
<table>
<thead>
<tr>
<th>Section</th>
<th>Title</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.2.4.1</td>
<td>Demographic characteristics and service quality</td>
<td>226</td>
</tr>
<tr>
<td>5.2.4.2</td>
<td>Demographic characteristics and customer satisfaction</td>
<td>228</td>
</tr>
<tr>
<td>5.2.4.3</td>
<td>Demographic characteristics and behavioral intentions</td>
<td>229</td>
</tr>
<tr>
<td>5.2.5</td>
<td>Customer banking behavior</td>
<td>230</td>
</tr>
<tr>
<td>5.3</td>
<td>Discussion and Conclusions</td>
<td>232</td>
</tr>
<tr>
<td>5.3.1</td>
<td>Discussion</td>
<td>232</td>
</tr>
<tr>
<td>5.3.2</td>
<td>Implications</td>
<td>236</td>
</tr>
<tr>
<td>5.4</td>
<td>Scope for further research</td>
<td>240</td>
</tr>
<tr>
<td>5.5</td>
<td>Chapter scheme</td>
<td>241</td>
</tr>
<tr>
<td></td>
<td><strong>BIBLIOGRAPHY</strong></td>
<td><strong>243-263</strong></td>
</tr>
<tr>
<td></td>
<td><strong>APPENDICES</strong></td>
<td><strong>264-356</strong></td>
</tr>
<tr>
<td></td>
<td>Appendix I: Covering Letter</td>
<td>264</td>
</tr>
<tr>
<td></td>
<td>Appendix II: Questionnaire</td>
<td>265</td>
</tr>
<tr>
<td></td>
<td>Appendix III: Synopsis</td>
<td>274</td>
</tr>
<tr>
<td></td>
<td>Appendix IV: Research Papers Published</td>
<td>330-356</td>
</tr>
</tbody>
</table>