

Contents

Page Nos.

Preface

List of Tables

List of Figures

List of Abbreviations

Chapter 1

Introduction 01-09

- 1.1 Background 1
- 1.2 Objectives of the Study 6
- 1.3 Hypothesis of the Study 7
- 1.4 Data Source and Methodology 7
- 1.5 Chapter Scheme 8

Chapter 2

Theory of Consumer Behavior 10-35

- 2.1 Introduction 10
- 2.2 Concept of Consumer Behavior 11
- 2.3. Models of Consumer Behavior 14
 - 2.3.1 Microeconomic Model 15
 - 2.3.2 Pavlovian Learning Model 17
 - 2.3.3 Freudian Model of Psychoanalytic Motivation 18
 - 2.3.4 Nicosia Model 20
 - 2.3.5 Engel-Blackwell-Minard (EBM) Model 21
 - 2.3.6 Howard and Sheth Model 22

2.4 Factors Influencing Consumer Behavior	23
2.4.1. Utility	24
2.4.2 Wants and Needs	25
2.4.3 Social Class	26
2.4.4 Culture	28
2.4.5 Group Influence	30
2.4.6 Learning	32
2.4.7 Motivation	34
2.5 Conclusion	35

Chapter 3

Development of Telecommunication Sector in India	36-94
3.1 Introduction	36
3.2 Brief History of Telecommunications Development in India	37
3.3 Policy Development in the Country	43
3.3.1 National Telecom Policy 1994	43
3.3.2 New Telecom Policy 1999	45
3.3.3 Communication Convergence Bill 2001	47
3.3.4 Telecom Regulatory Authority of India 1997	48
3.4 Evolution of Mobile Phone Market	51
3.4.1 Emergence of Mobile Phones	52
3.4.2 Mobile Phone Services in India	54
3.4.2.1 Mobile Phone Services in 20 Circles	55
3.4.2.2 Third Mobile Phone Service Provider	57
3.4.2.3 Fourth Mobile Phone Service Provider	58
3.4.3 Introduction of New Technology	60
3.4.4 Unified Licensing Regime	61

3.5 Present Scenarios and Future Vision of - Telecommunication Sector	65
3.5.1 Present Scenario	67
3.5.2 Future Vision	89
3.6 Conclusion	91
Appendix 3.1	93

Chapter 4

Socio-economic Factors Analyzing the Behavior of Consumers	95-144
4.1 Introduction	95
4.2 Major Studies on Mobile Phone Usage Pattern: A Survey	96
4.3 Geographical Perspective of Areas under Study	113
4.3.1 Dabhoi Taluka	117
4.3.2 Padra Taluka	118
4.3.3 Savali Taluka	118
4.3.4 Vadodara Taluka	119
4.3.5 Vaghodia Taluka	119
4.4 Socio Economic Factors of Respondents	120
4.4.1 Composition of Household	121
4.4.1.1 Members in a Family	122
4.4.1.2 Earning Members in a Family	123
4.4.1.3 Mobile Users in a Family	124
4.4.2 Demographic Factors	126
4.4.2.1 Age	126
4.4.2.2 Educational Qualification	128
4.4.2.3 Gender	129

4.4.2.4 Marital Status	130
4.4.2.5 Occupation	131
4.4.3 Standard of Living	133
4.4.3.1 Income	134
4.4.3.2 Possession of Fixed Landline Phone Connection	136
4.4.3.3 Possession of Two Wheelers	138
4.4.3.4 Possession of Four Wheelers	139
4.4.3.5 Possession of Computer	139
4.4.3.6 Possession of C. D. Player	140
4.4.3.7 Possession of Television	140
4.4.3.8 Possession of House	141
4.5 Conclusion	142

Chapter 5

Mobile Phone Usage Pattern in Vadodara District	145-206
5.1 Introduction	145
5.2 Age and Mobile Phone Value Added Services Usage Pattern	145
5.2.1 Short Messaging Services	148
5.2.2 Roaming	152
5.2.3 Picture Messaging	156
5.2.4 Closer User Group	157
5.2.5 Video Application	158
5.2.6 General Pocket Radio Services	159
5.2.7 Infrared	160
5.2.8 Linear Probability Model	167
5.3 Fixed Landline Phone Connection and Standard of Living	170
5.3.1 Possession of Fixed Landline Phone Connection	170

5.3.2 Standard of Living	171
5.3.3 Ordinary Least Square Regression	179
5.4 Educational Qualification and Paid Mobile Phone VAS	182
5.4.1 Mind-set of the Mobile Phone Consumers	183
5.4.2 Usage of Paid Mobile Phone VAS	189
5.4.3 Graphical Analysis of Various Paid VAS and Level- of Educational Qualification	192
5.5 Telecommunication Services - Complementary or Substitutes	197
5.5.1 Fixed Landline Phone and Mobile Phone Services	197
5.5.2 Regression Model	201
5.6 Conclusion	203

Chapter 6

Consumer Preferences and Marketing Strategies of- Mobile Phone Service Providers

207-264

6.1 Introduction	207
6.2 Mobile Phone Service Providers in Gujarat Circle	207
6.2.1 Bharti Airtel Limited (Airtel)	208
6.2.2 Bharat Sanchar Nigam Limited (BSNL)	211
6.2.3 Hutchison Essar (Hutch)	212
6.2.4 Reliance Infocom	213
6.2.5 Idea Cellular Limited	215
6.2.6 Tata Teleservices	217
6.2.7 Comparative Market Picture	218
6.3 Marketing Strategies of Mobile Phone Service Providers – A perspective	222
6.3.1 Price-Tariff Offerings	223

6.3.2 Promotional Activities	231
6.3.3 Product Segmentation	234
6.4 Mobile Phone Service Providers Marketing Strategy- Consumers Perspective	242
6.5 Government Regulation for Mobile Phone Service Providers	249
6.5.1 Tariff Structure	249
6.5.1.1 First Phase	249
6.5.1.2 Second Phase	250
6.5.2 Standard Rules of Behavior	252
6.6 Conclusion	254
Appendix 6.1	258
Appendix 6.2	262
 Chapter 7	
Summary and Concluding Remarks	265-282
7.1 Summary	265
7.2 Concluding Remarks	281
 Bibliography	283-302
 Appendix: Questionnaire	i-xi