FA U L E O F CONTENTS

Acknowledgements.................................................................
Table of Contents....................................................................... III
List of Diagrams and Tables......................................................... VIII
INTRODUCTION............................................................................ 1
Section A : Linguistic Setting of Bhopal Urdu............................... 1
A1 : Locale of Bhopal Urdu......................................................... 2
A2 : Origin of Urdu in Bhopal..................................................... 2
A3 : Standard Urdu-Bhopal Urdu Divergence.............................. 2
B : Theoretical Background....................................................... 6
B1 : Orientations......................................................................... 7
B2 : Phonological Theory.......................................................... 9
B3 : Double Articulation of the Language:
Phonology versus Grammar....................................................... 11
B4 : Interrelationship of Phonological Units............................... 12
C : Research Procedures........................................................... 14
C1 : Field Procedures............................................................... 14
C2 : Analytical Procedures......................................................... 17
C3 : Validation of the Data.......................................................... 17
D : Scope of the Study............................................................... 17
CHAPTER 1 : Physiological Base of Bhopal Urdu......................... 19
Section A : The Make-up of Phonological Units:
Combination of Articulators and Apertures..................................... 20
A1 : The Phonological Grid of Bhopal Urdu............................... 22
A2 : Mechanics of Diagramming.................................................. 25
A3 : Notations and Symbols used in the
Phonological Grid..................................................................... 26
A4 : Explanatory comments on the Phonological Grid................................. 26
A5 : Concluding Remarks............................ 36
B : Impact of the Distribution of air stream on the combination of Phonological Units in Bhopal Urdu.......................... 37
B1 : Phonological Units that use greater amount of air source are not likely to be repeated in a row................................. 38
J2 : Combinations that husband the source of energy are preferred to those that dissipate it................................. 45
B3 : Concluding Remarks.......................... 56
C : Asymmetry of the vocal tract.................. 57
C1 : There tends to be fewer distinctions of apertures where there is less room for the differentiation of apertures....................... 59
C2 : Members of the first degree of aperture using the teeth as place of articulation are preferred to those using the palate or the lip as the place of articulation........... 62
C3 : In combination with second degree of aperture, the articulators that lie closest behind the teeth are preferred.......................... 63
C4 : Concluding Remarks.......................... 67
D : Hierarchy of mobility: Apex, Labium, Dorsum, Medium................................. 68
D1 : In combination with Ø-3 apertures, lingual articulators are preferred in the order of the hierarchy of mobility: Apical, dorsal, medial................................. 69
D2 : Concluding Remarks.......................... 82
CHAPTER II: Psychological or Human Behavior Base of Bhopal Urdu

Section A: Relative preference of Gross Articulatory Movements over Fine Articulatory Movements

A1: Aperture change and combination of Phonological Units

A2: Unidirectional combinations versus Multidirectional combinations

A3: Preference for Fewer Articulators over More Articulators

A4: Proximate Point of Articulation versus Remote Point of Articulation

A5: Re-use of the same Point of Articulation versus change of point of Articulation

A6: Enlargement of Aperture for consonants with unfavorable point of Articulation

A7: Stable versus Mobile Consonants

A8: Assimilative Trait of Neighboring Phonological units

A9: Concluding Remarks

B: Psychological (or Human Behavior) Justification for the Phonological Grid of Bhopal Urdu

C: Summary and Conclusions

CHAPTER III: Communicative Base of Bhopal Urdu

Section A: Communicative justification of the Phonological Grid of Bhopal Urdu
CHAPTER IV: Vision As a Base of Bhopal Urdu................. 291
Section A : Labial versus Non-Labial consonants
in the word Initial and Final Positions.............. 292
A1 : Labial versus Non-Labial stops in the
word Initial and Final Positions.............. 293
A2 : Labial versus Non-Labial Fricatives in the
word Initial and Final Positions.............. 296
A3 : Labial versus Non-Labial Nasals in the
word Initial and Final Positions.............. 299
B : Summary and Conclusions......................... 301
CHAPTER V : Acoustic Base of Bhopal Urdu................. 303
CHAPTER VI : Interaction of Physiology and Psychology in
the Communicatively based Phonology of
Bhopal Urdu: Summary and Conclusions............. 310
Section A : Summary............................................. 311
B : The Interaction............................................ 322
C : ConclusionS.................................................. 327
Appendix A : Bibliography...................................... 329
Appendix B : Glossary of the Bhopal Urdu Monosyllabic
words.......................................................... 334