

# Contents

	<b>Page No.</b>
Declaration	i
Supervisor's Certificate	ii
Plagiarism Check Report	iii
Abstract	iv-vi
Preface	vii-viii
Acknowledgement	ix-x
Contents	xi-xv
List of Tables	xvi-xviii
List of Maps	xix-xx
List of Figures	xxi-xxiv
List of Photo Plates	xxv
Acronyms & Local Terms	xxvi
<b><i>Chapter 1: Introduction</i></b>	<b><i>1-25</i></b>
1.1. Introduction of the Study	
1.2. Scope of the study	
1.3. Literature Review	
1.4. Location of the Study Area	
1.5. Administrative Setup	
1.6. Objectives	
1.7. Hypotheses	
1.8. Database & Methodology	
1.9. Chapter Plan	
1.10. Limitations	
1.11. Conclusion	

***Chapter 2: Physical and Socio-cultural Background of the Rammam Basin 26-95***

- 2.1. Introduction
- 2.2. Terrain Characteristics: Ridges, Spurs and Terraces
- 2.3. Lithostratigraphic Characteristics
- 2.4. Drainage
- 2.5. Weather & Climate
- 2.6. Soil types
- 2.7. Natural Vegetation
- 2.8. Population Distribution and Density
- 2.9. Population Composition: Rural-Urban, Sex Composition, Literacy Rate, Caste Composition, Ethnic Groups, Economic Composition
- 2.10. Language
- 2.11. Agriculture
- 2.12. Transport & Communication
- 2.13. Electricity Network
- 2.14. Market
- 2.15. Conclusion

***Chapter 3: Spatial distribution of settlements in the Rammam Basin 96-152***

- 3.1. Introduction
- 3.2. Spatial Distribution of Settlements
  - 3.2.1. Distribution of Settlement on the Ridges, Spurs and Terraces
  - 3.2.2. Size of Settlements
  - 3.2.3. Spacing of Settlements
  - 3.2.4. Dispersion of Settlements (Nearest Neighbour Analysis)
- 3.3. Morphometric Indices
  - 3.3.1. Altitudinal Zone and Clinographic curve

- 3.3.2. Relative Relief
- 3.3.3. Dissection Index
- 3.3.4. Average Slope
- 3.3.5. Drainage Density
- 3.3.6. Ruggedness Index
- 3.4. Correlation between Spatial Distribution and Spacing of Settlements with Terrain Characteristics
  - A. Correlation between Spatial Distribution of Settlements and Altitude
  - B. Correlation between Spacing of Settlements and Altitude
  - C. Correlation between Dispersion of Settlements and Altitude
  - D. Correlation between Spatial Distribution of Settlements and Dissection Index
  - E. Correlation between Spacing of Settlements and Dissection Index
  - F. Correlation between Dispersion of Settlements and Dissection Index
  - G. Correlation between Spatial Distribution of Settlements and Ruggedness Index
  - H. Correlation between Spacing of Settlements and Ruggedness Index
  - I. Correlation between Dispersion of Settlements and Ruggedness Index
- 3.5. Conclusion

***Chapter 4: Site, situation and functional characteristics of settlements in the Rammam Basin*** **153-183**

- 4.1. Introduction
- 4.2. Settlement Sites in the Study Area
  - 4.2.1. Settlement Sites based on Physiography
  - 4.2.2. Settlement Sites based on Other Factors
  - 4.2.3. Settlement Sites preferred by Different Communities
- 4.3. Situation of Settlements

- 4.4. Changing Physico-Cultural Environment and its Impact on the Site and Situation of Settlements
- 4.5. Functional Classification of Settlements on the Basis of Industrial Category of Workers
- 4.6. Conclusion

***Chapter 5: Type, Pattern and Morphology of settlements in the Rammam***

***Basin***

***184-218***

- 5.1. Introduction
- 5.2. Type of Settlement
- 5.3. Pattern of Settlement
- 5.4. Morphology of Settlement
- 5.5. Correlation between Settlement Type and Functions of Settlements
- 5.6. Conclusion

***Chapter 6: Role of Service Centres in the growth of settlements in the Rammam***

***Basin***

***219-253***

- 6.1. Introduction
- 6.2. Services available in the Settlements of Rammam Basin
- 6.3. Identification and classification of Service Centres on the basis of Nature of Services
- 6.4. Hierarchy of Settlements on the basis of Composite Functional Index
- 6.5. Hierarchy of Service Centres in the Basin
- 6.6. Spatial Pattern of Rural Service Centres
- 6.7. Growth of Settlements in the various parts of the Basin
- 6.8. Role of Service Centres in the growth of settlements in the basin
- 6.9. Hypothesis Testing
- 6.10. Conclusion

<b><i>Chapter 7: Problems and Prospects of Settlements in the Rammam Basin</i></b>	<b><i>254-261</i></b>
7.1. Introduction	
7.2. Problems	
7.3. Prospects	
7.4. Conclusion	
<b><i>Chapter 8: Summary and Conclusions</i></b>	<b><i>262-272</i></b>
8.1. Summary of the Study	
8.2. Conclusion	
Bibliography	<b><i>273-275</i></b>
Appendices	<b><i>276-298</i></b>
Published Research Papers	<b><i>299-315</i></b>