CONTENTS

1. INTRODUCTION

Background 1. Definition of terms used 4. Summary of early studies 6.
Examination research abroad 9. Examination research in India 20.
Reform consciousness in India 63. Agencies active in examination
reform 65. Publications pertinent to examination reform 66. Place of
the present study in encouraging examination reform 67. Basis for the
design of the present experiment 68.

2. DESCRIPTION OF THE EXPERIMENT

Problem 71. Design of the study 71. Selection of examination 71.
Selection of academic subjects and notations used 72. Selection of
the sample 74. Decision on the opportune time for the experiment 76.
Preparation of question papers 76. Preparation of scoring keys 89.
Preparation of the final form of the objective tests 90. Programme of
the testing 90. Despatch of the question papers and answer scripts 92.
Administration of the tests 92. Receipt of test booklets and answer
scripts 94. Scoring of tests 94. Scoring formula 96. Conversion of the
objective test scores to the "out of 100 or 70 marks" scale 97. Item
analysis 98. Formulas used 107. Detailed results 112.

3. GEOGRAPHY RESULTS

Conversion of essay tests to objective items 115. Some relevant infor-
mation about the essay and objective tests 120. Statistics of the essay
and objective tests 129. Conversion of the objective test scores to
the "out of 100 marks" scale 136. Chance statistics for the objective
tests 138. Relationship between attempts and scores for the objective
tests 142. Some points of interest in the essay tests 144. Sum-
Difficulty and discrimination indices 158. Reliability 166. Errors of
4. **ENGLISH RESULTS**


5. **MATHEMATICS RESULTS**


6. **HISTORY RESULTS**


7. **DISCUSSION 452**

8. **SUMMARY CONCLUSIONS AND SUGGESTIONS 462**

9. **BIBLIOGRAPHY**