

TABLE OF CONTENTS

	<u>Pages</u>
ACKNOWLEDGEMENTS	
LIST OF TABLES	
LIST OF FIGURES	
CHAPTER I	
THE PROBLEM AND ITS SETTINGS	1 - 26
- Definition of the Problem	1
- Hypotheses	6
- Purposes	7
- Scope of the Study	8
- Assumptions	9
- Personality and Its Measurement	10
- Attitudes and Their Measurement	13
- Creativity and Its Measurement	18
- Educational Significance	22
- Organisation of the Balance of the Study	25
CHAPTER II	
REVIEW OF RESEARCH	27 - 77
- Review of Personality Studies	28
- Review of Attitude Studies	49
- Review of Creativity Studies	65
CHAPTER III	
DESIGN OF THE STUDY	78 - 133
- The Sample	78
- Tools and Techniques	85
- 16 Personality Factor Test (Cattell)	85
- Minnesota Teacher Attitude Inventory (MTAI)	107
- Something About Myself (SAM)	118
- Collection of Data	129
- Statistical Procedures	130

CHAPTER IV

COMPERATIVE STUDY OF PERSONALITY
STRUCTURE OF INSERVICE TEACHERS
AND STUDENT TEACHERS

134 - 283

Section - A

- Introduction	134
- Personality Structure of Inservice Teachers	137
- Discussion	139
- Intergroup Differences Among Teachers	143
- Analysis of Variance	147
- Science and Arts Teachers	152
- Science and Commerce Teachers	153
- Commerce and Arts Teachers	153
- Discussion	154

Section - B

- Personality Structure of Student Teachers	160
- Discussion	162
- Intergroup Differences Among Student Teachers	166
- Analysis of Variance	170
- Science and Arts Student Teachers	174
- Science and Commerce Student Teachers	175
- Arts and Commerce Student Teachers	175
- Discussion	176

Section - C

- Teachers and Student Teachers : A Comparison of Personality Factors Teachers Vs. Students	183
- Science Teachers Vs. Science Student Teachers	190
- Commerce Teachers Vs. Commerce Student Teachers	191
- Arts Teachers Vs. Arts Student Teachers	192
- Comparison of Teachers and Student Teachers	195
- Discussion	196
- Comparison of Personality Configurations of Teachers and Student Teachers Belong- ing to Different Teaching Fields	200
- Science Teachers and Science Student Teachers	205
- Commerce Teachers and Commerce Student Teachers	205
- Arts Teachers and Arts Student Teachers	206
- Discussion	206

	<u>Pages</u>
Section - D	
- Comparative Study of Inservice Teachers and Student Teachers Attitude Towards Teaching (MTAI)	212
- Introduction	212
- Performance of Inservice Teachers and Student Teachers on MTAI	213
- Discussion	221
Section - E	
- Comparative Study of the Creative Potential of Inservice Teachers and Student Teachers	230
- Introduction	230
- Performance of Various Groups on Khatena's Something About Myself(SAM)	231
- Creative Potential of Inservice Teachers	233
- Discussion	235
- Intergroup Differences Among Teachers	238
- Analysis of Variance	241
- Science and Arts Teachers	244
- Science and Commerce Teachers	244
- Commerce and Arts Teachers	244
- Discussion	245
Section - F	
- Creative Potential of Student Teachers	248
- Discussion	250
- Intergroup Differences Among Student Teachers	253
- Analysis of Variance	256
- Science and Arts Student Teachers	259
- Science and Commerce Student Teachers	259
- Commerce and Arts Student Teachers	260
- Discussion	260
Section - G	
- Teachers and Student Teachers : A Comparison of Creative Potential	264
- Teachers Vs. Student Teachers	265
- Science Teachers and Science Student Teachers	268
- Commerce Teachers and Commerce Student Teachers	268
- Arts Teachers and Arts Student Teachers	269

	<u>Pages</u>
- Comparison of Teachers and Student Teachers	271
- Discussion	273
- Comparison of Creative Potential of Teachers and Student Teachers Belonging to Different Teaching Fields	276
- Science Teachers and Science Student Teachers	279
- Commerce Teachers and Commerce Student Teachers	280
- Arts Teachers and Arts Student Teachers	280
- Discussion	280

CHAPTER V

FACTORIAL STUDY OF PERSONALITY, ATTITUDE AND CREATIVITY OF INSERVICE TEACHERS AND STUDENT TEACHERS	284 - 450
- Introduction	284
Section - A	
- Factor Cluster of Variables in Inservice Teachers and Student Teachers	288
Section - B	
- Factor Cluster of Variables in Inservice Science, Arts and Commerce Teachers	312
Section - C	
- Factor Cluster of Variables in Science, Arts and Commerce Student Teachers	344
Section - D	
- Factor Cluster of Variables in Inservice Science Teachers and Science Student Teachers	381
Section - E	
- Factor Cluster of Variables in Inservice Arts Teachers and Arts Student Teachers	404
Section - F	
- Factor Cluster of Variables in Inservice Commerce Teachers and Commerce Student Teachers	428

	<u>Pages</u>
CHAPTER VI	
SUMMARY, CONCLUSIONS AND RECOMMENDATIONS	451 - 478
- Summary	451
- Conclusions	453
- Suggestions for Further Research	477
BIBLIOGRAPHY	479 - 495
APPENDICES	496 - 548
A. Raw Scores of Inservice Science, Commerce and Arts Teachers on 16PF, MTAI and SAM	496 - 507
B. Raw Scores of Science, Commerce, and Arts Student Teachers on 16PF, MTAI and SAM	508 - 519
C. Summary of Analysis of Variance for Arts, Science and Commerce Teachers on 16PF(Cattell)	520 - 527
D. Summary of Analysis of Variance for Arts, Science and Commerce Student Teachers on 16PF(Cattell)	528 - 535
E. Means, S.Ds. and \pm ratios of Inservice and Student Teachers of Science, Arts and Commerce on 16PF	536 - 544
F. Means, S.Ds. and \pm ratios of Inservice and Student Teachers of Science, Arts and Commerce on SAM	545 - 547
G. Information Schedule	548
H. Copies of Instruments Used	
(i) 16PF (Cattell)	
(ii) Minnesota Teacher Attitude Inventory (MTAI)	
(iii) Something About Myself (SAM)	