# LIST OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Legalization Sheet</td>
<td>i</td>
</tr>
<tr>
<td>Biography</td>
<td>ii</td>
</tr>
<tr>
<td>Abstract</td>
<td>iii</td>
</tr>
<tr>
<td>Acknowledgement</td>
<td>iv</td>
</tr>
<tr>
<td>List of Contents</td>
<td>vii</td>
</tr>
<tr>
<td>List of Figures</td>
<td>xii</td>
</tr>
<tr>
<td>List of Tables</td>
<td>xiv</td>
</tr>
<tr>
<td>List of Appendix</td>
<td>xv</td>
</tr>
</tbody>
</table>

## CHAPTER 1 INTRODUCTION

1.1 Research Background          1  
1.2 Problem Identification       5  
1.3 Problem Limitation           6  
1.4 Problem Formulation          6  
1.5 Problem Objectives           6  
1.6 Problem Benefit              7  
1.7 Problem Definition           7  

## CHAPTER II LITERATURE STUDY

2.1 Definition of Learning       8  
2.2 Model of Learning            9  
2.3 Student’s Achievement        9  
2.4 Character of Education       11  
2.4.1 Definition of Character Education According to Expert 11  
2.4.1.1 Character Education According to Lickona 12  
2.4.2 The Values of Character Education 12  
2.5 Creativity Character         13  
2.6 Problem Based Learning       14  
2.6.1 Problem Based Learning Model 14
2.6.2 Characteristic of Problem Based Learning Model 15
2.6.3 Advantages and Disadvantages of PBL 16
2.6.3.1 Advantages of Problem Based Learning 17
2.6.3.2 Disadvantages of Problem Based Learning 18
2.6.4 Stages of Problem Based Learning Model 19-21
2.7 Team Games Tournament Model 22
2.7.1 Team Games Tournament Definition 22
2.7.2 Characteristic of Team Games Tournament Model 22
2.7.3 Advantages and Disadvantages of TGT 23
2.7.3.1 Advantages of Team Games Tournament Model 23
2.7.3.2 Disadvantages of Team Games Tournament Model 23
2.7.4 Stages of Team Games Tournament Model 24
2.8 PBL Model Integrated with TGT 24
2.8 Stages of PBL Model Integrated with TGT 25
2.9 Colloidal System Learning 26
2.10 Hypothesis 29

CHAPTER III RESEARCH METHODOLOGY

3.1 Location and Time of Research 30
3.2 Population and Sample 30
3.3 Research Variables and Research Instrument 30
3.3.1 Research Variables 30
3.3.1.1 Independent Variable 30
3.3.1.2 Dependent Variable 30
3.3.1.2 Control Variable 31
3.3.2. Research Instruments 31
3.3.2.1 Instrument Test 31
3.3.2.2 Observation Sheet 34
3.4 Type and Research Design 36
3.4.1 Type of Research 36
3.4.2 Research Procedures 36
3.4.2.1 Preparation Step 37
3.4.2.2 Operation Step 37
3.4.3 Research Flow Diagram 38
3.5 Technique Data Collection 39
3.5.1 Validity Test 39
3.5.2 Reliability Test 40
3.5.3 Index Difficult Test 41
3.5.4 Index Distinguish Test 41
3.6 Data Analysis 42
3.6.1 The Normality Test 42
3.6.2 The Homogeneity Test 43
3.6.3 Normalized Gain 43
3.6.4 Calculation of Character Percentage 44
3.6.5 Hypothesis Testing 45
3.6.6 Hypothesis Criteria 45

**CHAPTER IV RESULT AND DISCUSSION**

4.1 The Description of School Sample 46
4.2 The Instrument’s Analysis 46
4.2.1 The Validity of Test 46
4.2.2 The Reliability of Test 47
4.2.3 Difficulty Level of Test 47
4.2.4 Distinguish Power Index Test
4.3 The Instrument Non Test
4.3.1 The Observation Sheet of Student Character
4.4 The Data Research Result of Pretest
4.4.1 Normality Test of Pretest Data
4.4.2 Homogeneity Test of Pretest Data
4.5 Student’s Achievement
4.5.1 The Normality Test of Students Achievement
4.5.2 The Homogeneity Test of Students Achievement
4.5.3 Normalized Gain
4.5.4 Hypothesis Testing of Students Achievement
4.6 Data Result of Students Creativity Character
4.6.1 The Normality Test of Students Creativity Character
4.6.2 The Homogeneity Test of Students Creativity Character
4.6.3 Hypothesis Testing of Students Character
4.7 The Correlation of Students Achievement and Students Character
4.7.1 The Hypothesis of Correlation Students Achievement and Students Character

CHAPTER V CONCLUSION AND SUGGESTION

5.1 Conclusion
5.2 Suggestion
REFERENCES