PREFACE

Give thankfulness to God that gives the God’s mercy and spirit so that writer can finish this thesis. The title of this thesis is “The Difference of Students’ Achievement in Mathematics by Using Guided-Discovery Learning Model and Cooperative Learning Model JIGSAW Type at SMA N 3 P.Siantar”. This thesis was arranged to satisfy the requirement to obtain the Degree of Sarjana Pendidikan from Faculty of Mathematics and Natural Science in State University of Medan.

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The writer had given a big effort to prepare this thesis, and the writer know that this thesis have so many weakness. So that, the writer needs some suggestions to make it be better. And big wishes, it can be improve our knowledge.

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