

PREFACE

In the name of Allah SWT, the most gracious and the most merciful. Praise and gratitude to Allah SWT for all the mercy and grace, may shalawat and salam to our Prophet Muhammad SAW so that this thesis can be completed well. Thesis entitled “Development of Scientific Literacy-Based Test Instrument to Measure Students’ Critical Thinking Skills” submitted as one of the requirements to obtain a bachelor’s degree (S1) of Physics Education Study Program, in Faculty of Mathematics and Natural Science, Universitas Negeri Medan.

The selection of research topics is based on current problems related to the implementation of the 2013 curriculum, especially the application of test instruments that are less demanding of students’ critical thinking skills which are the demands of the 2013 curriculum. The implementation of this test instrument in the classroom still requires improvement in order to produce graduates who have balance cognitive, psychomotor and attitude skills and ready to face the industrial revolution 4.0. This research is intended to provide input on improvements to the implementation of the 2013 Curriculum.

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The author realizes that this thesis is still far from perfection both in arrangement and content. The author expects constructive criticism and suggestion for the perfection of the thesis. Hopefully, this thesis would give a positive contribution to the educational development or those who want to carry out further research.

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