ABSTRAK

ROYARTI TAMBA (NIM : 8176176018). Pengembangan Tes Objektif untuk Mengukur *Higher Order Thinking* Skills (HOTS) pada Materi Dinamika Translansi di SMA. Tesis. Medan: Program Pascasarjana Universitas Negeri Medan, Juli 2021.

Tujuan dari penelitian ini adalah menghasilkan Produk Instrumen Tes objektif untuk mengukur HOTS pada materi dinamika translansi di SMA layak digunakan. Produk yang dihasilkan meliputi dimensi kognitif, yakni instrumen tes objektif berupa butir soal HOTS yang mencakup C4, C5 dan C6 dalam *taxonomi* Anderson dan Kartwohl. Penelitian ini adalah *Research Development* (R&D). Prosedur penggunaan instrumen tes telah memenuhi standar analisis kualitatif tes yang baik berdasarkan hasil validasi oleh praktisi ahli dan analisis kuantitatif ditinjau dari segi validitas 38 butir soal yang valid, reliabilitas soal 0,98, daya beda soal dalam kategori baik, taraf kesukaran terdapat soal yang mudah, sedang dan sukar serta efektifitas pengecoh tes terdapat 38 soal efektif. Sehingga tes objektif ini dapat digunakan dan dijadikan dalam suatu bank soal materi dinamika translansi.

Kata kunci : *Tes Objektif Higher Order Thinking Skills (HOTS)*, *Dinamika Translansi*.

ABSTRACT

ROYARTI TAMBA (NIM : 8176176018). Development of Objective Tests to Measure Higher Order Thinking Skills (HOTS) in Translation Dynamics in Senior High School. Thesis. Medan: Medan State University Postgraduate Program, July 2021.

The purpose of this research is to produce an objektictive test instrument product to measure HOTS on translational dynamics material in high school that is suitable for use. The resulting product includes a cognitive dimension, namely an objective test instrument in the form of HOTS items which include C4, C5 and C6 in Anderson and Kartwohl's taxonomy. This research is Research Development (R&D). The procedure for using the test instrument has met the standard of qualitative analysis of a good test based on the results of validation by expert practitioners and quantitative analysis in terms of the validity of 38 valid items, the reliability of questions is 0,98, the diferrentiating power of questions is in good category, the level of difficulty there are easy, medium and difficult questions and the effectiveness of the test distractor there are 38 effective questions. So that this objective test can be used as a question bank.

Keywords: *Higher Order Thinking Skills (HOTS), Objective Test, Translation Dynamics.*