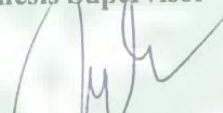


THESIS

DEVELOPMENT OF THREE TIER INSTRUMENT TEST  
WITH CERTAINTY OF RESPONSE INDEX (CRI)  
TO DETECT MISCONCEPTION IN  
LEARNING REDOX REACTION

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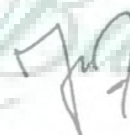
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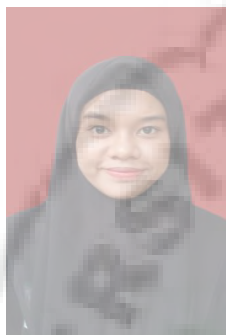
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Fatayatul Hasniyah, the writer of this thesis **Development of Three Tier Instrument Test With Certainty of Response Index (CRI) to Detect Misconception in Learning Redox Reaction**, was born at Medan, July 23<sup>rd</sup> 1999. The writer is the first daughter of three children from her father Ponidi, S.T. and her mother Tri Yunitasari. In 2005, the writer entered the Elementary School of SD Islam Al-Ulum Terpadu Medan and was graduated in 2011, next to continue her study to Junior High School of MTsN 2 Medan from 2011 and was graduated in 2014, and next to continue her study to Senior High School of MAN 1 Medan with science department from 2014 and was graduated in 2017. In 2017, the writer was accepted in Chemistry Department, programmed of Bilingual Chemistry Education, Faculty of Mathematics and Natural Sciences, Universitas Negeri Medan. During the time of college, the writer was one of the winners of The Most Outstanding Students in Universitas Negeri Medan 2019 and join the extracurricular activity in LP2IM (Lembaga Penalaran dan Penelitian Ilmiah Mahasiswa).

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