

ABSTRAK

CITTY ASIA NST. Analisis Keterampilan Proses Sains, Sikap Ilmiah dan Kemampuan Berpikir Tingkat Tinggi Siswa Materi Biologi Semester Ganjil pada Masa Pandemi Covid-19 di SMA Negeri 4 Medan. Tesis. Medan: Program Pascasarjana Universitas Negeri Medan, 2021.

Penelitian ini bertujuan untuk menganalisis keterampilan proses sains, sikap ilmiah dan kemampuan berpikir tingkat tinggi Siswa Materi Biologi Semester Ganjil pada Masa Pandemi Covid-19 di SMA Negeri 4 Medan. Jenis penelitian ini berupa deskriptif kuantitatif. Sampel pada penelitian ini sebanyak 175 siswa secara *Random Sampling* dari keseluruhan kelas XI MIA di SMA Negeri 4 Medan. menggunakan tes soal uraian (*essay*) dan tes kuesioner angket. Dimana keterampilan proses sains dalam bentuk soal tes *essay* sebanyak 10 soal, kemampuan berpikir tingkat tinggi dalam bentuk soal tes *essay* yang sebanyak 10 soal, sikap ilmiah dalam bentuk kuesioner angket sebanyak 25 pernyataan dan tes proses pembelajaran pada masa pandemi Covid-19 dalam bentuk kuesioner angket sebanyak 20 pertanyaan. Hasil dalam penelitian ini adalah keterampilan proses sains siswa sebesar 31,49 dengan kategori sedang, sikap ilmiah sebesar 39,66 dengan kategori kurang baik, kemampuan berpikir tingkat tinggi siswa sebesar 27,2 dengan kategori rendah, dan proses pembelajaran siswa sebesar 33,18 dengan kategori kurang baik.

Kata Kunci: *Keterampilan Proses Sains, Sikap Ilmiah, Berpikir Tingkat Tinggi, dan Pembelajaran Pandemi Covid-19.*



ABSTRACT

CITTY ASIA NST. Analysis of Science Process Skills, Scientific Attitudes and Higher Order Thinking Skills for Odd Semester of Biology Course during the Covid-19 Pandemic in the SMA Negeri 4 Medan. Thesis. Medan: Postgraduate Program, State University of Medan, 2021.

This study aims to analyze of Science Process Skills, Scientific Attitudes and Higher Order Thinking Skills for Odd Semester Biology Course during the Covid-19 Pandemic in the SMA Negeri 4 Medan. This type of research is descriptive quantitative. The sample was taken as many as 175 students by *random sampling* from class XI MIA in the SMA Negeri 4 Medan. Using essay test and questionnaire test. The essay test consists of 10 essay questions on science process skills and 10 essay questions on higher order thinking skills. Where science process skills are in the form of 10 essay test questions, higher-order thinking skills in the form of 10 essay test questions, scientific attitudes in the form of a questionnaire questionnaire as many as 25 statements and the learning process test during the Covid-19 pandemic in the form of a questionnaire questionnaire. as many as 20 questions. The results of this study are students' science process skills was low category (31,49), scientific attitudes was (39.66) less category, higher order thinking skills was low category (27.2), and student learning processes not good category (33.18).

Keyword: *Science Process Skills, Scientific Attitude, Hight Order Thinking Skills.*