

ABSTRAK

Elfi Syafrida Taufik, NIM. 8196173007. Analisis Kemampuan Pemecahan Masalah, Pengambilan Keputusan, Berpikir Kreatif, dan Berpikir Reflektif Siswa SMA Negeri Se-Rantau Selatan Mata Pelajaran Biologi pada Masa Pandemi Covid-19. Tesis Pendidikan Pendidikan Biologi, Program Studi Magister, Universitas Negeri Medan, 2021.

Kemampuan pemecahan masalah, pengambilan keputusan, berpikir kreatif dan berpikir reflektif menjadi perhatian penting dalam pembelajaran. Penelitian ini bertujuan untuk mengetahui kemampuan pemecahan masalah, pengambilan keputusan, berpikir kreatif, dan berpikir reflektif siswa pada masa pandemi covid-19 berdasarkan aspek indikator pada materi Biologi di kelas XI SMA Negeri Se-Rantau Selatan. Penelitian ini dilakukan pada siswa kelas XI di SMA Negeri Se-Rantau Selatan dengan sampel sebanyak 200 siswa. Instrumen yang digunakan dalam penelitian ini adalah tes (soal essay) yang telah diuji validitas dan reliabilitasnya. Dari hasil perhitungan 200 siswa kelas XI SMA Negeri Se-Rantau Selatan untuk variabel kemampuan pemecahan masalah siswa termasuk dalam kategori sedang dengan nilai rata-rata 70,38. Pada variabel kemampuan pengambilan keputusan siswa termasuk dalam kategori sedang dengan nilai rata-rata sebesar 68,83. Pada variabel kemampuan berpikir kreatif siswa termasuk dalam kategori sedang dengan nilai rata-rata sebesar 70,35. Pada variabel kemampuan berpikir reflektif siswa termasuk dalam kategori tinggi dengan nilai rata-rata sebesar 72,20. Pelaksanaan pembelajaran biologi secara daring di SMA Negeri Se-Rantau Selatan berjalan baik. Hal ini didasarkan pada persentase (71%) respon siswa melalui jawaban dari kuesioner. Maka dapat disimpulkan bahwa kemampuan pemecahan masalah dan kemampuan pengambilan keputusan siswa masih tergolong sedang sedangkan untuk kemampuan berpikir kreatif dan kemampuan berpikir reflektif tergolong tinggi.

Kata Kunci: Kemampuan Pemecahan Masalah, Kemampuan Pengambilan Keputusan, Berpikir Kreatif, Berpikir Reflektif



ABSTRACT

Elfi Syafrida Taufik, NIM. 8196173007. Analysis of Problem Solving Ability, Decision Making, Creative Thinking, and Reflective Thinking of State High School Students in Rantau Selatan Biology Subjects during the Covid-19 Pandemic. Biology Education Thesis, Master Study Program, Medan State University, 2021.

Problem solving skills, decision making, creative thinking and reflective thinking are important concerns in learning. This study aims to determine the problem solving, decision making, creative thinking, and reflective thinking skills of students during the COVID-19 pandemic based on the indicator aspects of Biology material in class XI of SMA Negeri Se-Rantau Selatan. This research was conducted on students of class XI at SMA Negeri Se-Rantau Selatan with a sample of 200 students. The instrument used in this research is a test (essay questions) which have been tested for validity and reliability. From the calculation results of 200 students of class XI SMA Negeri Se-Rantau Selatan for the variable problem solving ability students are included in the medium category with an average value of 70.38. In the variable of students' decision-making abilities included in the medium category with an average value of 68.83. In the variable of students' creative thinking ability, it is included in the medium category with an average value of 70.35. In the variable of students' reflective thinking ability, it is included in the high category with an average value of 72.20. The implementation of online biology learning at Rantau Selatan State Senior High Schools is going well. It is based on the percentage (71%) of student responses through the answers to the questionnaire. So it can be concluded that the problem solving ability and decision making ability of students are still classified as moderate, while the creative thinking ability and reflective thinking ability are high.

Keywords: Problem Solving Ability, Decision Making Ability, Creative Thinking, Reflective Thinking

