

ABSTRACT

Aulia Ramadhani, ID 4171121003 (2022). The Effectiveness of Online Learning Process during the Covid-19 Pandemic on Elasticity Topic at Medan City High School.

This research aims to: 1) knowing the student's response to online learning process on elasticity topic during pandemic COVID-19, 2) knowing the teachers response to online learning process on elasticity topic during pandemic COVID-19, and 3) knowing the effectiveness of online learning process on elasticity topic carried out during the COVID-19 pandemic. This type of research is quantitative using a survey method, the populations of this study are students of class XI MIPA at SMAN 2 Medan, SMAN 12 Medan, SMAN 14 Medan, SMA Swasta Darussalam, and SMA Kartika I-2 Medan, and the sample of this study was determined using purposive sampling technique. The data collection instrument used was a teacher questionnaire and a student questionnaire regarding the effectiveness of the online learning process during the Covid-19 pandemic on elasticity topic, while learning outcomes were obtained from a list of student scores on elasticity topic. The results showed that the responses of both students and teachers to online learning on elasticity topic in the five schools based on the criteria for online learning planning, online learning processes, and online learning evaluations, on average could be categorized as good, the effectiveness of online learning on elasticity topic in the five schools in the City Medan can be categorized as effective, based on the questionnaire results, the level of student mastery and the level of learning completeness on average is categorized as good and complete, but there are still many difficulties during the implementation process.

Keywords: *Effectiveness, Online Learning, Elasticity Learning, Covid-19 Pandemic*

