

MEASUREMENT OF CRITICAL THINKING 2nd YEAR STUDENTS IN MATH EDUCATION DEPARTMENT

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ABSTRACT

The main objective of this study is to describe the critical thinking skills students 2nd year math education. The development of critical thinking instruments made to measure students' critical thinking skills.

The method used was descriptive method. The development of critical thinking skills instrument is based on five aspects: reasoning, interpretation, analysis, evaluation, and inference. The instrument was developed in the form of multiple choice with five alternative answers amount to 22 items. Average power difference of instrument of 0.41 with the good category, and difficulty index of 0.31 with the medium category

The result of performance of students the ability to think the average is 31.07% with a standard deviation of 13.11, with the less qualification. There was one student or 2% who achieve above 80% , with excellent qualifications, and there are only 2 students or 4.2% of students who achieve grades above 60% or qualified enough. Judging from the aspect of critical thinking skills, the ability of the students in the interpretation is 33.85%, while 42.19% analysis, reasoning 11.67%, 26.56% and generalized evaluation as much as 27.08% of which were located in less qualification.

Kata Kunci: *critical thinking skills*