

ANALYSIS OF CRITICAL AND CREATIVE THINKING SKILLS' SENIOR HIGH SCHOOL STUDENTS

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ABSTRACT

Abstract

This study aims to (1) measure the critical thinking ability and creative Physics of Class X high school students, (2) identify content and cognitive domains that have not been mastered / weak. The test steps include: (1) Assembling tests ready for measurement, (2) determination of respondent measurement activities, (3) measurement implementation, (4) analysis of measurement results, and (5) interpretation of measurement results. The subjects of the study were students from high, medium, and low level SMANs of 533. The creative and critical ability in this study had a maximum 4.4 and 0 minimum -4. Thus the ideal average value of 0. The developed physics critical thinking and creative ability instrument has the greatest percentage of medium ability with 49% for Critical and 48% for Creative. The ability to correctly answer the critical thinking of men and women the highest percentage is in the sub aspect considering the results and the lowest is in the sub aspect of deduction. b. The ability to correctly answer the creative thinking of men and women the highest percentage is in the sub aspect of finding the alternative and the lowest is in the sub aspect of formulating. This proves that for the sub aspect of formulating the entry in the difficult category and the sub aspect of looking for alternative entry in the easy category.

Kata Kunci: *Keywords: creative and critical thinking, physics*