

# QUALITY ANALYSIS OF THE FINAL TEST IN THE FACULTY ENGINEERING OF YOGYAKARTA STATE UNIVERSITY

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## ABSTRACT

*This research aims to: 1) identify the quality of final tests questions of theory course, and 2) identify the quality of final tests questions of practice course including questions' validity and reliability.*

*This is a survey research. The population of this research was all final test questions in the Faculty of Engineering. Meanwhile, the sample of this research was final test questions of theory and practice courses. 63 samples were collected through purposive sampling technique. The quality of final test questions of theory course was analysed by employing Anates while the questions of practice course was analysed by employing Kappa. The data were analysed by employing descriptive analysis.*

*The results indicate that: 1) difficulty level of multiple choices and essay questions is fair; 2) discrimination power of the questions is fair; 3) effectiveness of tricky questions is poor; 4) item validity of multiple choice and essay is fair; 5) reliability of multiple choice questions and theory is poor; 6) validity of questions of practice course is good; and 7) reliability of the questions is good with reliability index is  $> 0.7$ .*

*Kata Kunci: quality of question, multiple choices, final test*