ABSTRACT

ANALYZING THE QUALITY OF THE FINAL SEMESTER TEST USING ITEMAN SOFTWARE PROGRAM AT THE SECOND YEAR OF SMA NEGERI 1 PURBOLINGGO IN 2013/2014 ACADEMIC YEAR

By

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The objectives of this research are to identify: the validity, the reliability, the level of difficulty, the discriminating power, the quality of the alternatives, of the final semester at the second year of SMA Negeri 1 Purbolinggo in 2013/2014 academic year. The data from the final semester test consisting of 35 questions were analyzed by using ITEMAN seen from: reliability, level of difficulty, discriminating power, and quality of the options. Before being analyzed by using the software, the researcher used qualitative approach to identify the construct validity, content validity, and face validity.

The results of the research show that: 1) By relying on the traits of reading testing, KTSP (School-Based Curriculum), and Guidelines for Constructing Multiple Choice Test, it was found that the construct validity is valid, the content validity is valid, but the face validity is not valid. 2) The reliability of the final semester at the second year of SMA Negeri 1 Purbolinggo in 2013/2014 academic year is categorized as good, which the alpha is 0.448. 3) The level of difficulty of the final semester at the second year of SMA Negeri 1 Purbolinggo in 2013/2014 academic year can be classified into four categories: good items (30%), very difficult (10%), very easy (20%), and too difficult (40%). 4) The discriminating power of the final semester at the second year of SMA Negeri 1 Purbolinggo in 2013/2014 academic year are classified into five categories: high discriminating power (25.7%), average/without revising (5.7%), low/need revising (0%), very low/need dropping (51.5%), and negative discrimination (17.1%). 5) The quality of the alternatives of the final semester test at the second year of SMA Negeri 1 Purbolinggo in 2013/2014 academic year is classified into three classifications: need revising (60.5%), good enough (24.5%), and very good (15%). It shows that the quality of the final semester test at the second year of SMA Negeri 1 Purbolinggo in 2013/2014 academic year is moderate.