

TEST CHECKER AND ITEM ANALYZER WITH STATISTICS

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Test Checker and Item Analyzer with Statistics responds to the need for quality education envisioned in the National Education System Goals such as to measure the effectiveness of the teaching and learning process, the students' level of achievements, and one student's progress against others; provide information for streamlining purposes, evaluate the relevance of the curriculum; and measure progress towards accomplishment of National Goals. It analyzes teacher-constructed test questions by providing the basis for discussing test results, by determining why a test item is or not discriminating between the better and poorer students, and by identifying alternative responses that are or are not functioning appropriately, thus, providing a basis for item improvements. More importantly, it determines where additional instruction or remedial work with individual students or the class is necessary by helping teachers determine if they have met instructional objectives in specific content areas and by providing them a check against the table of specifications for balanced objectivity and specificity of a test. Likewise, it is designed for comparison of classes, schools, division performances and subject competency level by class, group or individual. Through survey, questionnaire, interview, and observation of 100 teachers randomly selected through purposive sampling allocation technique from four sectors of Camarines Sur, the software was found to be significantly efficient, useful, and acceptable.