AREE MAKMANEE : A DEVELOPMENT OF READING COMPREHENSION TEST IN ENGLISH FOR PRATHOM SUKSA SIX STUDENTS USING POLYTOMOUS SCORING. THESIS ADVISOR : PROF. UTUMPORN JAMORNMANN, Ph.D. THESIS CO-ADVISOR : ASSIST. PROF. SUMALEE CHINOKHON, Ph.D. 176 pp. ISBN 974-639-614-5.

The purpose of this research was to construct and develop the reading comprehension test in English for Prathom Suksa Six students using the Polytomous Item Response Model. The 1,157 Prathom Suksa Six students from primary schools in Bangkok were the samples. The 30 multiple-choice test (modified cloze test) was constructed, tried out and analyzed. Using the Multilog program to determine item discriminitation, threshold, test information function. Reliability, criterion-related validity, discriminant validity and norm were analyzed using the SPSS program. The construct validity was analyzed using LISREL program.

The results show that the average item discrimination is 0.93, -2.30 for the first threshold and 0.49 for the second threshold. The polytomous IRT based test information function was found to be most efficient if the test was administered to the examinees with ability level -1.0. The test indicated the maginal reliability of 0.86. The criterion-related validity between the test that the researcher made and the test that teacher made was significant at the level of 0.001. The discriminant validity between high group and low group was significant at the level of .001. The construct validity of model of reading comprehension test was corresponded to the empirical data. Percentile rank 25 of the test was equal to the score of 64, percentile rank 50 was equal to the score of 70 and percentile rank 75 was equal to the score of 74.

ภาควิชา วิจัยการศึกษา ....   ลายมือชื่อนิสิต ....

สาขาวิชา การวัดและประเมินผลการศึกษา ....   ลายมือชื่ออาจารย์ที่ปรึกษา ....

ปีการศึกษา 2541 ....   ลายมือชื่ออาจารย์ที่ปรึกษาร่วม ....