PORNNAPA BUNCHONGKALKUL : A DISCRIMINANT ANALYSIS OF FACTORS RELATED TO LEARNING OF HIGH AND LOW ACHIEVERS IN TEACHER EDUCATION INSTITUTIONS UNDER THE JURISDICTION OF THE MINISTRY OF UNIVERSITY AFFAIRS. THESIS ADVISOR : ASSOC. PROF. WALLAPA DEVAHASTIN NA AYUDDHYA, Ed.D., 134 pp. ISBN 974-643-648-2

The purposes of this research were to study and analyse factors related to learning that discriminated between high and low achievers in teacher education institutions. The populations were second year to fourth year teacher students from ten universities: 168 students with cumulative grade point average over 3.50 and 196 students with cumulative grade point average lower than 2.00. Questionnaires were used as research instrument. The percentage, mean, standard deviation, t-test and discriminant analysis technique with stepwise method were used for data analysis.

The findings were as follows :

1. The seven variables that discriminated groups of high and low achievers consisted of M.6 cumulative grade point average (MGPA), personal problem in vocational and educational future (FUTURE), teaching-learning environment (CLASS), choice of entrance examination (RANK), domicile (DOMICILE), study method (STUDY), and physical environment (BUILD).

2. The discriminant function could be able to predict correctly the groups of high and low achievers about 89.49 percent. The discriminant function was as follows :

$$Z = + 0.7498 \text{ MGPA} + 0.3283 \text{ RANK} - 0.2533 \text{ DOMICILE} + 0.1941 \text{ STUDY} - 0.3874 \text{ FUTURE} - 0.2217 \text{ BUILD} + 0.3516 \text{ CLASS}$$

3. The important variables that can discriminate between high and low achievers were M.6 cumulative grade point average, personal problem in vocational and educational future, and teaching-learning environment.

4. Discriminating variables which tended to be the characteristic of high achievers were M.6 cumulative grade point average, teaching-learning environment, choice for entrance examination, and study method. Personal problem in vocational and educational future, domicile, and physical environment tended to be the characteristic of low achievers.

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