

**THE EFFECTIVENESS OF SOME COGNITIVE AND
AFFECTIVE VARIABLES ON THE STUDENTS GUIDANCE TO
HIGHER EDUCATION**

SUMMARY

INTRODUCTION:

The general secondary Certificate is considered today a basic norme to giude the students to the university higher education and it is not stronge for us to decide that most university grasluates were directed to the colleges and Higher institutes through this pronational and As a result of this policy many individuals were put in unsuitable studies for them and this mas to them personal and social and this causes much damage to both the individual and the society and this needs to be found there mang models to make the process of guiding (direding) students to the university learning accurate as if to make the selection better with respect to the academic abttitude or artist abttitude and refusing those who are less readness.

Thus the educational guidance is considered one of the most educational applications for the psycology of individual differences and the increase of the problem of guiding the students

at present time with the aim of putting the individual in the suitable kind of study to save (to achieve) same self correspondence for him and social correspondence lead to the increase of satisfaction about schooler work in our respect and the raising of the standard of his efficiency on the other side.

So the problem of guiding the students to higher education is a new problem related to the study because the selection of good ones is considered the basic criterion for the students' success in the future.

The selection of the university and high institutes students in Egypt depends upon:-

- (A) The results of the general secondary school promotion.
- (B) The student's desire to the high education and it is clear in his selection of the university colleges among a long list with names of these colleges.
- (C) With respect to the ratio which the universities and high institutes define in the image of the numbers which is accepted from the total number these who succeeded in the general secondary school promotion.

The three criterions for selection the students are given to the distribution office which distributes students according to the total marks plus the marks of some qualifying subjects which some colleges such as Medicine requires engineering for the study in these colleges requires special mental attitude. As a result of the whole dependence.

The Limitations of the study:-

This study will deal with a sample from the colleges of Zagazig university as follows :-

- (1) Zagazig University is located between the north and the south of Egypt.
- (2) Zagazig University may represent the countryside and the urban. i.e. it represents the whole society.

Research Importance:-

- (1) The possibility of guiding the person to the kind of education that suits him.
- (2) Trying to reduce the rate of drop out in the colleges and raise the standard of the graduates.
- (3) Testing the ability of the present educational system in directing the students in the higher education.

Definitions of Terms:-

Model:-

The mathematical equation organizes the relation among the variables of situation reducing the errors to a minimum(8).

Prediction:-

By prediction we mean predicting something before it happens. This prediction is based on some knowledge and hypotheses of this matter.

Scholistic Achievement:-

It is the level a student arrives at in achieving Scholistic syllabuses. Achievement is indicated by the student's scores in the YWA Amma exam and university exams.

Educational Guiding:-

It is the process through which we can help and guide the student to the kind of the study that goes with his abilities, aptitudes, interests and his personal circumstances.

Research Hypotheses:-

- (1) There are no significant differences among the students group in the schoolastic achievement according to the personal variables (Sex - Father's Job - Mother's Job - Residence).
- (2) It is possible to predict the schoolastic achievement in the first year of the University through:
 - a- The total marks in the Secondary education certificate.
 - b- Intelligence scale.
 - c- Interest scale towards the scientific.
 - d- Performance Motivation.

(3) There is Predictive group of the last variables that has an effect in predicting with achievement in the first year of the University.

(4) These Predictors differ according to:

- a- Sex
- b- Father's Job
- c- Mother's Job
- d- Residence.

- Statistical treatment:-

- The suitable way of statistical treatment was used representing (T) test, multiple regression.

Research Results:-

(1) results of the Faculty of Education (Scientific Sections).

- There are significant differences between student's males and student's females in the schoolastic achievement in the first year.

- There are no significant differences amongs groups of students in the schoolistic achievement in the first year according to some personal variables (father's job, mother's job, residence).

- The study reached at the following predictive equation:

$$\begin{aligned} \text{The achievement in the first year} &= \\ &= 742.8 + 6.4 \times \text{of Algebra} \\ &\quad - 7.4 \times \text{of Mechanics.} \end{aligned}$$

- The study reached at the following predictive equation: The achievement in the first year

$$= 470.8 + 4.01 \text{ Xscore of intelligence scale}$$

- The study reached at the following predictive equations for students males:

- (a) The achievement in the first year

$$= 14.5 + 6.7 \text{ Xscore of Algebra}$$

$$- 13.3 \text{ X score of Mechanics} + 6.2 \text{ Xscore of personal dimension} + 4.1 \text{ Xscore of differntation and integration.}$$

- (b) The achievement in the first year

$$= 198.5 + 4.8 \text{ Xscore if intelligence scale}$$

$$+ 7.8 \text{ X mark of personal dimension}$$

$$- 14.3 \text{ Xscore of self - esteem dimension} + 14.8 \text{ X mark of social dimension.}$$

- The study reached at the following predictive equation for student's females:

The achievement in the first year

$$= 148.1 + 9.3 \text{ X score. of Arabic}$$

$$+ 9.5 \text{ X marks of Algebra}$$

$$- 7.8 \text{ X marks of language English}$$

- (2) Results of the Faculty of Education

(Literary Sections)

- There are significant differences between students & working women and other students of housewives.
- There are no significant differences amongs groups of students in the schoolastic achievement in the first year according to some personal variables (Sex - father's job - residence).
- The study reached at the following predictive equations for students of house-wives.

- (a) The achievement in the first year

$$= 991.4 - 20.22 \text{ X score of social dimension}$$

- (b) the achievement in the first year

$$= 889.3 - 7.18 \text{ X score of history.}$$

- The study reached at the following predictive equation for students of working women:

The achievement in the first year
= $5392.8 - 67.91 \times \text{score of geography}$
+ $13.7 \times \text{mark of the scale of tendency towards the scientific study}$ - $44.01 \times \text{score of personal dimension}$.

(3) Results of the Faculty of Pharmacology

- There are no significant differences among the student's groups in the schoolastic achievement according to the personal variables (Sex - father's profession - mother's profession - residence).
- The present study proved that the total marks in the secondary education certificate are not valid to be the only criterion for guiding the students to the faculty of Pharmacology.
- The study proved that the High Intelligence Scale, interest scale towards the scientific and literary study, Motivation scale and predicting the schoolastic achievement in the first year of the Faculty of Pharmacology.

(4) Results of the Faculty of Science

- There are no significant differences among the student's groups in the schoolastic achievement according to the personal variables (Sex - father's profession - mother's profession - residence).
- The present study proved that the total marks in the secondary education certificate are not guiding the students to the faculty of science.
- The study proved that the high intelligence scale, interest scale towards.

The literary study, Motivation Scale and Performance Scale are not valid for predicting the schoolastic achievement in the first year of the faculty of science.

- This study proved that the tendency variable towards the scientific study is very important in forsuing achievement in the first grade at the faculty of science as this study introduced forsuing equiation to guide the students at the faculty of science and the other equal faculties as follows:

Achievement in the first grade at the faculty of science
= $16.144 + 1.7 \times \text{the degree of the student in the scale of tendency towards the scientific study}$.

(5) Results of the Faculty of Commerce

- There are no significant differences amongs groups of students in the schoolastic achievement in the first year according to some personal variables (Sex - father's job - mother's job - residence).
- The persent study proved that the total marks in the secondary education certificate are not valid to be the only criterion for guiding the students to the faculty of commerce.
- The study proved that the high intelligence scale, interest scale towards. The scientific and literary study, Motivation Scale and performance scale are not vaild for predicting the schoolastic achievement in the first year of the faculty of commerce.