

ABSTRACT

The study is an exploratory investigation into the relationships of certain variables with the performance of students in G.C.E. A'Level Biology in the Cambridge A'Level Biology Examinations of 1980.

It is well documented that some students have not been attaining the expected standard, and results in the examination during the period 1975-1979 confirm this.

The data was collected from ninety eight A'Level Biology students from eight schools, single sex and co-educational in both Urban and Rural areas.

The following independent variables were used in the study:

- a) O'Level performance
- b) Content difficulty
- c) Student interest
- d) Student satisfaction
- e) Study habits
- f) School resources
- g) Teachers qualification
- h) Teachers experience
- i) Teaching Style
- j) School Type
- k) Sex of students

Regression of the dependent criterion measure with

the independent variables indicate that student satisfaction, and general O'Level performance in Biology are the significant contributors to A'Level performance in Biology, student satisfaction and O'Level results correlate moderately with the criterion variable; and are predictors of A'Level performance in Biology.

The performance of the sexes was found to be not significantly different in A'Level Biology.