

LIST OF TABLES

		Page
Table 1.1	Testing the Significance of Each Additional Degree in Fitting of the Polynomial Regression of PScE English Marks on SSCE English Marks	21
Table 1.2	Testing the Significance of Linear and Quadratic Regressions of PScE English Marks on SSCE English Marks (un-grouped)	22
Table 1.3	SSCE English Marks Converted to Normalized Standard Scores	23
Table 1.4	Testing the Significance of Each Additional Degree in Fitting of the Polynomial Regression of PScE English Marks on the Normalized SSCE English Marks	24
Table 1.5	Testing the Significance of Each Additional Degree in Fitting of the Polynomial Regression of PScE English Marks on the Standardized English Test Scores	25
Table 1.6	Testing the Significance of Linear and Quadratic Regressions of PScE English Marks on Standardized English Test Scores (Un-grouped)	26
Table 2.1	Testing the Significance of Each Additional Degree in Fitting of the Polynomial Regression of PScE Mathematics Marks on SSCE Mathematics Marks	34
Table 2.2	Testing the Significance of Linear and Quadratic Regressions of PScE Mathematics Marks on SSCE Mathematics Marks (Un-grouped)	35
Table 2.3	SSCE Mathematics Marks Converted to Normalized Standard Scores	36

		Page
Table 2.4	Testing the Significance of Each Additional Degree in Fitting of the Polynomial Regression of PScE Mathematics Marks on Normalized SSCE Mathematics Marks	37
Table 2.5	Testing the Significance of Each Additional Degree in Fitting of the Polynomial Regression of PScE Mathematics Marks on the Standardized Mathematics Test Scores	38
Table 2.6	Testing the Significance of Linear and Quadratic Regressions of PScE Mathematics Marks on Standardized Mathematics Scores (Un-grouped)	39
Table 3.1	Testing the Significance of Each Additional Degree in Fitting of Polynomial Regression of PSc-English Marks on SSCE Mathematics Marks	45
Table 3.2	Testing the Significance of Each Additional Degree in Fitting of Polynomial Regression of PSc-Mathematics Marks with SSCE English Marks	46
Table 3.3	Testing the Significance of Each Additional Degree in Fitting of Polynomial Regression of PSc-Science Marks on SSCE English Marks	47
Table 3.4	Testing the Significance of Each Additional Degree in Fitting of Polynomial Regression of PSc-Science Marks on SSCE Mathematics Marks	48
Table 3.5	Testing the Significance of Regressions of Various PSc-Criterion Variables Separately on SSCE English and Mathematics Marks	49
Table 3.6	Testing the Significance of Various PSc-Criterion Variables Separately on Normalized SSCE-English and Mathematics Marks	50
Table 3.7	Testing the Significance of Regressions of Various PSc-Criterion Variables Separately on Standardized English and Mathematics Test Scores	52

		Page
Table 3.8	Testing the Significance of Regressions of Various PSc-Criterion Variables Separately on Standardized English and Mathematics Test Scores (Un-grouped)	53
Table 4.1	Testing the Significance of Various Terms in SSCE-English (x_1) and SSCE Mathematics (x_2) for the Prediction of PScE Grand Total Percent	59
Table 4.2	Testing the Significance of Various Terms in Standardized English Test Scores (T_e) and Numerical Test Scores (T_n) for the Prediction of PScE Grand Total Percent	61
Table 4.3	Testing the Significance of Various Terms in SSCE-English (x_1) and SSCE-Mathematics (x_2) in the Prediction of PScE Mathematics	64
Table 4.4	Testing the Significance of Various Terms in Standardized English Test Scores (T_e) and Numerical Test Scores (T_n) for the Prediction of PScE Mathematics	66
Table 4.5	Testing the Significance of Each Additional Term in English and Mathematics Variables for Prediction of PScE GT Percent and PScE Mathematics	68
Table 5.1	Classification of Predicted Pass-Fail Dichotomy Versus Actually Observed with Two-Variable Discriminant	78
Table 6.1	Testing the Significance of Gain Due to Addition of General Science Variable	83
Table 6.2	Classification Obtained by Three Variable Discriminant	87
Table 6.3	Serial Numbers Corresponding to Errors of Type I (i.e. Predicted Pass but Actually Fail) as Found by Two Variable Discriminant (1) and by Three Variable Discriminant(2)	89
Table 6.4	Serial Numbers Corresponding to Errors of Type II (i.e. Predicted Fail but Actually Pass) as Found by Two-Variable Discriminant (1) and by three-Variable Discriminant (2)	91