

APPENDIX XXV.A - MULTIPLE REGRESSION EQUATIONS FOR
PREDICTING CRITERION VARIABLES WITH
REFERENCE TO B.Ed. STUDENTS

CRITERION VARIABLES:

- | | |
|---|-------|
| (1) Awareness of Recent Developments in Education | X_2 |
| (2) Knowledge of Recent Developments in Education | X_3 |

PREDICTOR VARIABLES:

- | | |
|--|-------|
| (1) Utilisation of Sources of Information on Recent Developments | X_4 |
| (2) Professional Teacher Attitude | X_1 |
| (3) Grade Point Average | X_5 |

Criterion Variables	Predictor Variables	Multiple Regression Equations	R^2
(1)	(2)	(3)	(4)
X_2	X_4, X_1	$\bar{X}_2 = 0.387X_4 + 0.512X_1 + 14.885$ $(0.069) \quad (0.097)$	0.1248
X_3	X_4, X_5	$\bar{X} = 0.161X_4 + 4.489X_5 + 23.304$ $(0.071) \quad (0.984)$	0.0471

APPENDIX XXV.B - MULTIPLE REGRESSION EQUATIONS FOR
PREDICTING CRITERION EDUCATIONAL
VARIABLES WITH REFERENCE TO M.ED.STUDENTS

CRITERION VARIABLES:

- (1) Awareness of Recent Developments in Education X_2
- (2) Knowledge of Recent Developments in Education X_3

PREDICTOR VARIABLES:

- (1) Utilization of the Sources of Information on Recent Developments in Education X_4
- (2) Professional Teacher Attitude X_1
- (3) Grade Point Average X_5

Criterion Variables	Predictor Variables	Multiple Regression Equations	R^2
(1)	(2)	(3)	(4)
X_2	X_4, X_5	$\bar{X}_2 = 0.549X_4 - 2.32X_5 + 59.026$ <p style="text-align: center;">(0.151) (2.330)</p>	0.1643
X_3	X_4, X_5	$\bar{X}_3 = 0.490X_4 + 0.381X_5 + 3.369X_1 + 4.503$ <p style="text-align: center;">(0.120) (0.730) (0.190)</p>	0.2150