

Appendix 2

DATA SET UP FOR CALCULATION OF A POLYNOMIAL REGRESSION
OF PSCE MATHEMATICS MARKS ON SSCE MATHEMATICS MARKS

		SSCE MATHEMATICS MARKS(X)												
		-6	-5	-4	-3	-2	-1	0	1	2	3	4	5	6
PSCE Mathematics Marks (y)	8							1				2		1 4
	7								1					3 4
	6							1		1			1	3
	5									1	2	1	3	7
	4							1	2	1	4	3	2	13
	3				2				1		2	2	2	1 10
	2				1		2	1	1	2	2	2	1	2 14
	1			1	1	1	1	1	2	2	5			1 15
	0		1	1		2	3	2	3	4	3	2		21
	-1				2	6	4	5	8	3	3	1		32
	-2		1		4	2	4	7	3	2	3			26
	-3	1		2	5	3	6	5	7	3	2	1		35
	-4				1	9	4	4	6	5		2		31
	-5	1		3	2	3	1	4	2		1			17
	-6	1		2	4	4	6		1	1				19
	-7	2	1	2	1	1	1	2	1		1			12
	-8	3		1	3	1								8
	-9			3	2			1	1					7
		8	3	15	28	32	32	35	39	25	28	16	9	8 278