APPENDIX - VIII.1 - Dependent Variables

(December ending)

Sr. No.	Year	X_1	X_{13}	X_{14}	X_{15}
1.	2.	3.	4.	5.	6.
1	1969-70	0529507	0134919	0128183	0266405
2	1970-71	0619435	0157127	0151908	0310400
3	1971-72	0741554	0173454	0184681	0383419
4	1972-73	0895701	0216867	0217567	0461267
5	1973-74	1077477	0248217	0265793	0563467
6	1974-75	1261238	0298785	0311958	0650495
7	1975-76	1519704	0348516	0373072	0798116
8	1976-77	1921587	0420087	0444822	1056678
9	1977-78	2346689	0478445	0554513	1313731
10	1978-79	2968797	0618149	0718666	1592222
11	1979-80	3595649	0750314	0886350	1925652
12	1980-81	4286640	0840979	1087949	2331696
13	1981-82	5225179	1054893	1335403	2827441
14	1982-83	6375917	1216762	1520352	3270846
15	1983-84	7242550	1460350	1812624	3967576
16	1984-85	8563795	1680111	2222429	4661255

Source - Statistical Tables relating to Bank in India, 1969 onwards.

APPENDIX - VIII.2 - INDEPENDENCE VARIABLES

Sr. No.	Years	X_1	X_2	X_3	X_4	X_5	X_6	X_7		
								X_9	X_{10}	X_{11}
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.
1	1969-70	0529507	009336	08826	100	031606	62	0461932	0119387	0109603
2	1970-71	0619435	010978	11040	105	034235	50	0529507	0134919	0128183
3	1971-72	0741554	012690	12888	112	036582	43	0619435	0157127	0151908
4	1972-73	0895701	015033	14630	122	040317	37	0741554	0173454	0184681
5	1973-74	1077477	017571	16387	148	050468	33	0895701	0216867	0217567
6	1974-75	1261238	019457	18050	185	059505	30	1077477	0248217	0265793
7	1975-76	1519704	022315	20309	183	062302	27	1261238	0298785	0311958
8	1976-77	1921587	027321	23540	187	066924	23	1519704	0348516	0373072

APPENDIX - VIII.3

LOG LOG FUNCTION ESTIMATED REGRESSION EQUATIONS

Total Deposits

$$\text{I Log } x_1 = 1.15 + 1.16 \text{ Log } x_2 + 0.50 \text{ Log } x_3 + 0.18 \text{ Log } x_4 - 0.14 \text{ Log } x_5$$

$$\text{II Log } x_1 = -2.54 - 0.85 \text{ Log } x_4 + 2.25 \text{ Log } x_5 - 0.11 \text{ Log } x_8$$

$$\text{III Log } x_1 = -0.95 - 0.99 \text{ Log } x_4 + 2.09 \text{ Log } x_5 - 0.41 \text{ Log } x_6$$

$$\text{IV Log } x_1 = 0.76 - 0.84 \text{ Log } x_4 - 0.39 \text{ log } x_5 - 0.16 \text{ Log } x_6 + 0.99 \text{ Log } x_7$$

$$\text{V Log } x_1 = 0.96 + 1.04 \text{ Log } x_9 + 0.18 \text{ Log } x_{10} + 0.17 \text{ Log } x_{11} - 0.81 \text{ Log } x_{12}$$

Current Deposits

$$\text{I Log } x_{13} = 0.96 + 1.04 \text{ Log } x_2 - 0.14 \text{ Log } x_3 + 0.18 \text{ Log } x_4 + 0.52 \text{ Log } x_5$$

$$\text{II Log } x_{13} = -2.29 - 0.78 \text{ Log } x_4 + 2.03 \text{ Log } x_5 - 0.12 \text{ Log } x_8$$

$$\text{III Log } x_{13} = -1.43 + 0.81 \text{ Log } x_4 + 1.92 \text{ } x_5 - 0.25 \text{ Log } x_6$$

$$\text{IV Log } x_{13} = -0.78 - 0.21 \text{ Log } x_4 + 0.37 \text{ Log } x_5 - 0.11 \text{ Log } x_6 + 0.81 \text{ Log } x_7$$

$$\text{V Log } x_{13} = 0.33 + 0.87 \text{ Log } x_9 + 0.30 \text{ Log } x_{10} - 0.32 \text{ Log } x_{11} + 0.30 \text{ Log } x_{12}$$

Contd. Appendix - VIII.3

Saving Deposits

I $\text{Log } x_{14} = 1.09 + 1.34 \text{ Log } x_2 - 0.17 \text{ Log } x_3 + 0.38 \text{ Log } x_4 - 0.31 \text{ Log } x_5$

II $\text{Log } x_{14} = -3.16 - 0.83 \text{ Log } x_4 + 2.25 \text{ Log } x_5 - 0.13 \text{ Log } x_8$

III $\text{Log } x_{14} = -1.93 - 0.92 \text{ Log } x_4 + 2.10 \text{ Log } x_5 - 0.34 \text{ Log } x_6$

IV $\text{Log } x_{14} = 0.27 - 0.30 \text{ Log } x_4 + 0.24 \text{ Log } x_5 - 0.16 \text{ Log } x_6 + 0.92 \text{ Log } x_7$

V $\text{Log } x_{14} = 0.42 + 1.20 \text{ Log } x_9 + 0.54 \text{ Log } x_{10} + 0.70 \text{ Log } x_{11} - 0.80 \text{ Log } x_{12}$

Fixed Deposits

I $\text{Log } x_{15} = 0.25 + 1.02 \text{ Log } x_2 + 0.28 \text{ Log } x_3 + 0.65 \text{ Log } x_4 - 0.35 \text{ Log } x_5$

II $\text{Log } x_{15} = -3.12 - 0.77 \text{ Log } x_4 + 2.26 \text{ Log } x_5 - 0.54 \text{ Log } x_8$

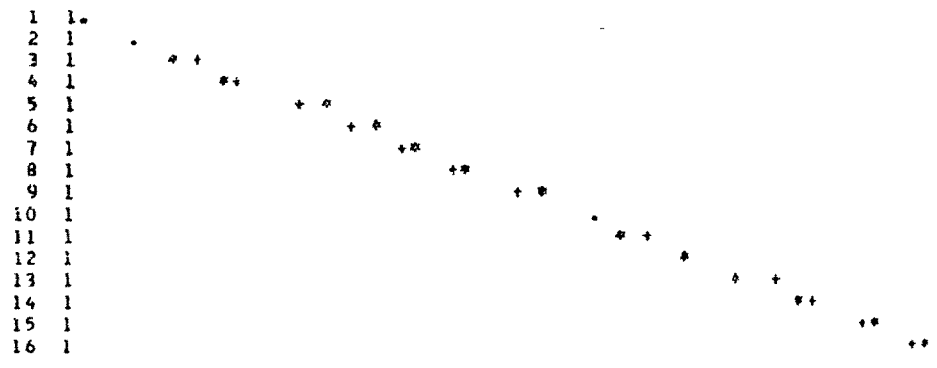
III $\text{Log } x_{15} = -0.90 - 1.06 \text{ Log } x_4 + 2.08 \text{ Log } x_5 - 0.53 \text{ Log } x_6$

IV $\text{Log } x_{15} = 0.59 - 0.18 \text{ Log } x_4 + 0.22 \text{ Log } x_5 - 0.21 \text{ Log } x_6 + 0.85 \text{ Log } x_7$

V $\text{Log } x_{15} = 0.43 + 0.96 \text{ Log } x_9 + 0.33 \text{ Log } x_{10} + 0.20 \text{ Log } x_{11} - 0.10 \text{ Log } x_{12}$

APPENDIX IV.1.4 TO HOUSE PRICES

14.GRAPH OF ACTUAL AND ESTIMATED DEPENDENT VARIABLE
* IS ACTUAL Y, * IS ESTIMATED Y AND . IS COMMON POINT

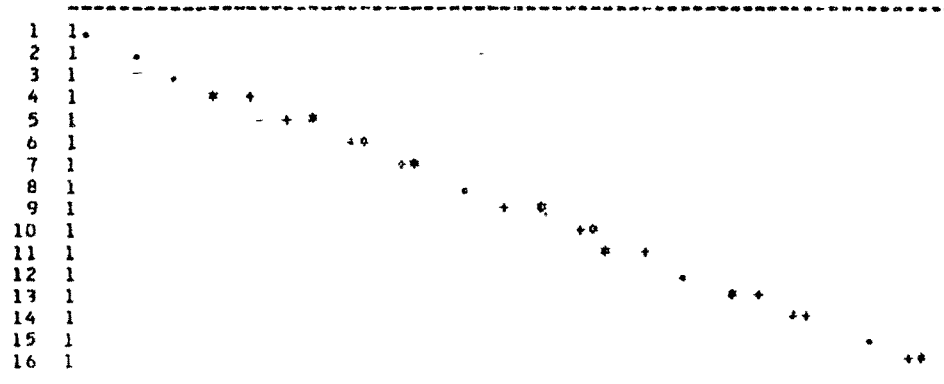


15.GRAPH OF RESIDUALS

		-0.11243 ... 0 ... 0.11243
1	0.13261D-01	1.
2	0.17456D-02	.
3	0.29461D-01	1 .
4	0.27615D-01	1 .
5	-0.34568D-01	. 1
6	-0.40841D-01	. 1
7	-0.24933D-01	. 1
8	-0.28922D-01	. 1
9	-0.47723D-01	. 1
10	-0.80157D-02	. 1
11	0.49754D-01	1 .
12	0.35636D-01	1 .
13	0.54181D-01	1 .
14	0.21841D-01	1 .
15	-0.29166D-01	. 1
16	-0.19325D-01	. 1

APPENDIX VIII 4 CURRENT DEPOSITS

14.GRAPH OF ACTUAL AND ESTIMATED DEPENDENT VARIABLE
+ IS ACTUAL Y, * IS ESTIMATED Y AND . IS COMMON POINT

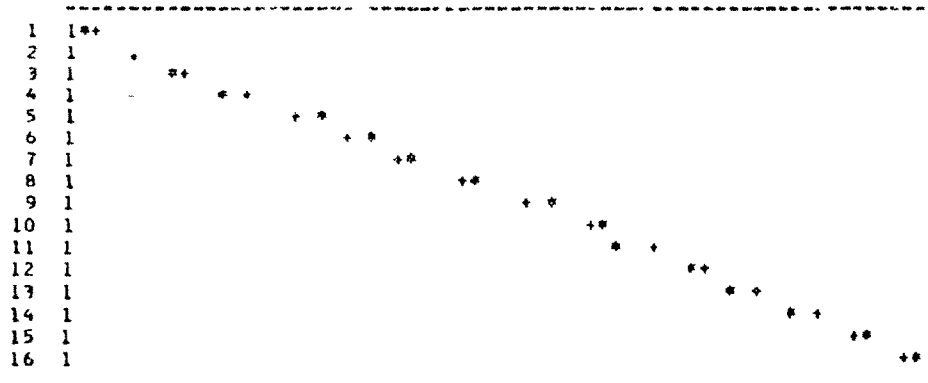


15.GRAPH OF RESIDUALS

		-0.95334D-01	0	0.95334D-01
1	0.13399D-01		1 .	
2	0.70227D-02		1.	
3	0.12414D-02		.	
4	0.34170D-01		1	
5	-0.41113D-01	.	1	
6	-0.29160D-01	.	1	
7	-0.15775D-01	.	1	
8	-0.39417D-02		.1	
9	-0.48595D-01	.	1	
10	-0.24358D-02		.1	
11	0.52842D-01		1	
12	0.85607D-02		1.	
13	0.38972D-01		1	
14	0.21394D-01		1	
15	-0.14012D-01	.	1	
16	-0.22569D-01	.	1	

APPENDIX VIII 4 SAVINGS DEPOSITS

14.GRAPH OF ACTUAL AND ESTIMATED DEPENDENT VARIABLE
+ IS ACTUAL Y, * IS ESTIMATED Y AND . IS COMMON POINT

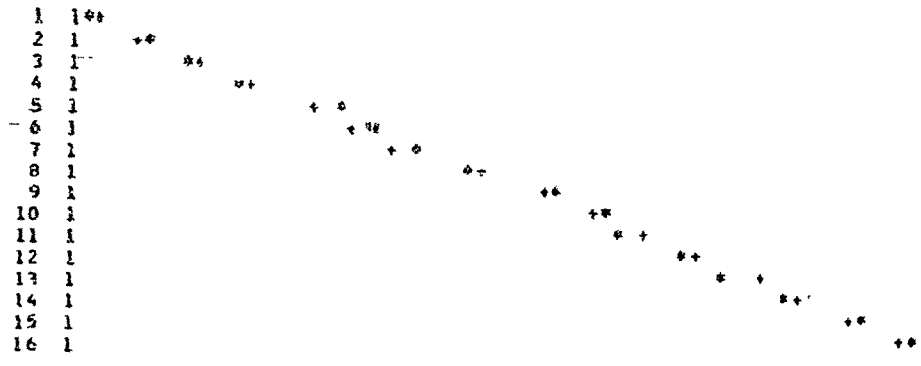


15.GRAPH OF RESIDUALS

		-0.10540 ... 0 ... 0.10540
1	0.19862D-01	1 .
2	-0.18824D-02	. 1
3	0.17052D-01	1 .
4	0.25817D-01	1 .
5	-0.39122D-01	. 1
6	-0.40549D-01	. 1
7	-0.24794D-01	. 1
8	-0.71307D-02	. 1
9	-0.36766D-01	. 1
10	-0.86489D-02	. 1
11	0.43935D-01	1 .
12	0.22287D-01	1 .
13	0.45731D-01	1 .
14	0.43486D-01	1 .
15	-0.26120D-01	. 1
16	-0.33157D-01	. 1

APPENDIX. UNIT 4 FIXED DEPOSITS

14.GRAPH OF ACTUAL AND ESTIMATED DEPENDENT VARIABLE
+ IS ACTUAL Y, * IS ESTIMATED Y AND - IS COMMON POINT



15.GRAPH OF RESIDUALS

		-0.97352D-01 0 0.97051D-01
1	0.24500D-01	
2	-0.83580D-02	
3	0.18446D-01	
4	0.21746D-01	
5	-0.37940D-01	
6	-0.43838D-01	
7	-0.25721D-01	
8	0.45710D-07	
9	-0.22797D-01	
10	-0.15721D-01	
11	0.35104D-01	
12	0.21955D-01	
13	0.51775D-01	
14	0.24517D-01	
15	-0.16875D-01	
16	-0.31365D-01	