

APPENDIX-D

Table-4

Results Of Item-Analysis Indicating Values Of
Highly Significant And Insignificant Items.

ITEMS UNDER COLUMN-2 WERE FINALLY SELECTED FOR
FACTOR ANALYSIS

Sl. No. (Table-3)	Highly Significant Critical Ratios (P > 0.01)			Insignificant Critical Ratios		
	1	2		3		
	Boya(B)	Girls(G)	BG	Boys(B)	Girls(G)	BG
<u>Health:</u>						
1	6.01	5.03	6.48			
2	4.05	4.58	4.91			
3	3.04	3.20	3.29			
4				2.08	2.11	2.53
5	3.28	3.00	4.09			
6				1.07	1.21	1.88
7	3.29	3.57	3.52			
8	3.31	3.11	3.62			
9				1.09	1.60	1.64
10	3.81	3.83	4.29			
11				0.95	1.01	1.75
12	3.01	3.48	3.93			
13				1.60	1.43	1.81
14	3.19	3.23	3.85			
15	3.26	3.43	4.01			
16	3.28	3.01	3.43			
17	2.76	2.70	2.98			
18	4.00	3.97	4.92			
19	3.93	4.06	4.77			
<u>Temperament:</u>						
20	6.00	5.03	6.65			
21	3.97	4.21	4.89			
22	3.71	4.08	4.62			
23	3.27	3.15	3.81			
24	6.13	6.08	7.18			
25	4.99	5.25	5.68			
26				1.22	1.37	1.82
27	5.07	4.30	5.89			
28	3.05	3.58	4.17			
29				2.11	2.14	2.56

Table-4 (contd.)

1	2			3			4
Sl. No.	Boys(B)	Girls(G)	BG	Boys(B)	Girls(G)	BG	
30	4.07	5.09	5.67				
31	3.46	3.17	3.88				
32				2.08	2.12	2.53	
33	5.07	3.89	6.21				
34	3.06	3.00	3.49				
35	3.22	4.02	4.61				
36	3.22	3.17	3.95				
37	3.15	4.08	4.91				
38				1.17	0.98	1.85	
39	3.17	2.99	3.62				
40	3.69	3.00	4.24				
41	3.35	3.50	3.92				
42	4.05	3.47	4.72				
43				1.06	1.03	1.70	
<u>Attitude towards Parents:</u>							
44				1.13	1.27	1.61	
45	3.24	2.76	3.89				
46				2.07	2.10	2.52	
47	6.95	7.23	8.30				
48	3.47	3.59	3.65				
49				1.32	1.31	1.94	
50	3.62	3.90	4.07				
51				1.13	0.98	1.88	
52	3.02	3.08	3.69				
53	3.12	2.92	4.28				
54				2.13	2.05	2.42	
55	2.90	2.88	3.97				
56	3.12	3.00	3.85				
57	4.61	3.79	5.87				
58				1.11	1.35	1.83	
59				1.27	1.39	1.80	
60	3.36	3.03	4.46				
61	3.21	3.02	3.97				
<u>Attitude Towards Family Environment:</u>							
62				2.08	2.12	2.47	
63	2.91	3.02	3.58				
64	2.98	3.12	3.81				
65	4.87	5.03	5.86				
66				1.46	1.23	1.81	
67				1.20	1.06	1.65	
68				2.09	2.13	2.51	
69	3.27	2.97	3.99				
70	5.13	3.35	5.69				
71	4.11	3.87	5.27				
72	3.17	3.48	4.56				

Table-4 (contd.)

1	2			3		
Sl. No. Table-3	Boys(B)	Girls(G)	BG	Boys(B)	Girls(G)	BG
73	2.95	2.91	4.43			
74	3.67	4.19	5.06			
75	3.39	3.13	4.75			
76				2.08	2.05	2.48
77				1.08	0.73	1.37
78				1.12	1.32	1.68
79	3.14	2.89	3.96			
80	2.83	2.85	3.08			
81	2.98	3.07	3.76			
82	3.02	2.96	3.87			
<u>Sociability:</u>						
83	6.25	3.49	7.39			
84	5.24	3.17	6.58			
85				2.10	2.19	2.42
86	5.29	4.18	6.37			
87	6.57	6.81	7.99			
88				2.01	2.02	2.53
89	2.72	3.95	4.77			
90	3.09	2.96	4.18			
91				1.58	1.43	1.76
92	6.01	5.32	6.82			
93	5.33	3.91	6.60			
94				2.10	2.08	2.41
95	3.68	4.21	4.94			
96	2.98	2.81	3.99			
97	5.32	7.17	8.62			
98	2.97	3.10	4.22			
99	3.00	3.19	4.25			
100	3.88	3.69	5.42			
101	2.99	3.08	3.57			
102	3.19	3.69	4.36			
103				2.09	2.05	2.55
104	3.42	3.30	4.67			
<u>Personal Social Preference:</u>						
105	2.95	2.89	4.08			
106	4.82	3.99	5.65			
107				0.95	0.87	1.33
108	3.07	3.46	4.54			
109	4.89	3.72	5.97			
110				1.08	1.29	1.77
111	3.66	3.51	4.79			
112				2.08	2.02	2.44
113	5.88	6.83	7.68			
114	3.21	2.90	4.26			
115	3.03	4.08	5.13			
116	5.98	5.31	7.05			
117	3.73	3.95	5.11			

Table-4 (contd.)

Sl.No.	2			3		
	Boys(B)	Girls(G)	BG	Boys(B)	Girls(G)	BG
118	3.68	4.13	4.85			
119	3.08	4.17	4.81			
120	3.03	2.69	3.67			
121	3.89	3.31	5.25			
<u>Attitude Towards Educational System:</u>						
122	3.17	2.95	4.03			
123				2.12	2.09	2.56
124	2.87	3.02	3.88			
125				2.02	2.02	2.41
126	2.82	2.85	3.69			
127	2.81	2.90	3.96			
128	3.36	3.71	4.52			
129	3.09	2.85	4.17			
130	3.37	3.43	4.61			
131				2.08	2.13	2.52
132				1.00	1.19	1.68
133				1.12	1.24	1.73
134	2.76	2.80	3.42			
135	3.29	3.22	3.69			
136	2.90	2.87	3.45			
<u>Attitude Towards Legal System:</u>						
137				0.93	0.74	1.43
138	2.90	2.87	3.62			
139	3.16	2.93	3.71			
140				2.01	2.11	2.54
141	2.98	3.55	4.15			
142	3.33	3.80	5.00			
143				0.45	0.81	1.55
144	3.31	3.04	4.68			
145	3.11	3.39	4.28			
146				2.05	2.07	2.50
147	3.01	2.82	4.26			
148				0.96	1.42	1.75
149	3.03	3.13	4.18			
150	2.98	3.10	4.13			
<u>Attitude Towards Economic System:</u>						
151	3.39	4.13	5.40			
152				1.25	0.97	1.79
153	4.68	5.30	6.18			
154	3.05	3.87	4.71			

Table-4 (Contd.)

1		2		3		
Sl.No.	Boys(B)	Girls(G)	BG	Boys(B)	Girls(G)	BG
155				2.08	2.00	2.49
156	2.96	2.89	4.17			
157				0.72	0.81	1.88
158	2.78	3.02	4.05			
159	3.62	4.17	4.99			
160	3.02	3.19	4.01			
161	4.26	3.88	5.24			
162	2.97	2.85	3.67			
163	3.89	3.13	5.24			
164				0.89	1.17	1.79
165	2.91	2.80	3.70			
166	3.40	2.99	4.11			
<u>Social Belief:</u>						
167				2.06	2.13	2.56
168				2.10	2.12	2.58
169				2.06	1.99	2.49
170				1.10	0.95	1.80
171				0.77	0.65	1.39
172				0.80	1.05	1.77
173				0.90	1.01	1.48
174				2.02	2.00	2.36
175				0.96	0.64	1.81
176				0.82	0.75	1.62
177				2.00	2.06	2.46
178				0.86	1.07	1.75
179				2.01	2.17	2.52
180				0.89	1.12	1.80
181				2.08	2.11	2.43

APPENDIX-D.

Table-5

Area-wise Distribution Of Original, Omitted
And Selected Number Of Items.

1	2	3	4
Area	No. of items taken for item analysis	No. of omitted items after item analysis	No. of items selected for factory analysis
1 Health	19	5	14
2 Temperament	24	5	19
3 Attitude towards parents	18	7	11
4 Attitude towards family environ- ment	21	7	14
5 Sociability	22	5	17
6 Personal-Social preference	17	3	14
7 Attitude towards educational system	15	5	10
8 Attitude towards legal system	14	5	9
9 Attitude towards economic system	16	4	12
10 Social belief	15	-	15
Total :181		46	135

APPENDIX-D

Table-6
Testing The Item Validity In Terms Of Critical Ratios After Grouping Them Into Factors.

Sl. No. (Final Schedule)	Sl. No. (Table-3)	Highly Signifi- cant Critical Ratios. (p > 0.01)	Sl. No. (Final Schedule)	Sl. No. (Table-3)	Highly Signifi- cant Critical Ratios. (p > 0.01)
<u>Constitutional Factor:</u>			<u>Home Adjustment Factor:</u>		
8	24	6.56	3	47	7.84
9	1	6.32	13	65	5.97
11	20	6.01	17	70	5.82
12	33	6.00	26	57	5.18
16	25	5.83	31	75	4.91
19	27	5.62	36	74	4.70
24	30	5.35	42	71	4.52
27	18	5.11	44	50	4.27
29	21	4.92	51	61	4.02
32	35	4.89	58	48	3.82
34	19	4.81	60	72	3.73
37	22	4.70	61	56	3.72
39	2	4.58	63	63	3.70
43	28	4.28	67	73	3.65
45	42	4.23	69	82	3.62
46	37	4.17	71	60	3.59
47	5	4.12	74	64	3.55
50	36	4.06	76	53	3.54
52	31	3.99	77	69	3.51
53	15	3.92	79	45	3.48
54	40	3.89	81	79	3.42
55	10	3.88	83	52	3.35
57	41	3.84	85	55	3.19
62	34	3.71	87	81	3.06
65	39	3.69	89	80	3.00
66	16	3.65			
68	12	3.64			
70	7	3.60			
73	14	3.56			
75	3	3.55			
78	8	3.49			
82	23	3.40			
88	17	3.01			

Table - 6 (contd.)

Testing The Item Validity In Terms Of Critical Ratios After Grouping Them Into Factors

Sl.No. (Final Schedule)	Sl.No. (Table-3)	Highly Signifi- cant Critical Ratios. (p > 0.01)	Sl. No. (Final Schedule)	Sl.No. (Table-3)	Highly Signifi- cant Critical Ratios. (p > 0.01)
<u>Personal-Social Adjustment Factor: Personal Societal Adjustment</u>					
				<u>Factor</u>	
1	113	7.92	91	153	6.39
2	97	7.90	93	151	5.62
4	87	7.38	94	159	5.35
5	116	7.37	95	161	5.18
6	92	6.91	98	163	5.13
7	83	6.71	99	144	5.02
10	109	6.18	100	154	4.52
14	84	5.96	101	147	4.48
15	93	5.86	102	145	4.47
18	121	5.65	103	158	4.27
20	100	5.57	105	142	4.12
21	86	5.47	106	122	4.08
22	115	5.45	107	128	4.05
23	117	5.36	109	129	4.01
25	106	5.25	112	130	3.89
28	119	4.96	113	135	3.86
30	98	4.91	114	141	3.85
33	111	4.86	116	149	3.68
35	118	4.80	117	124	3.59
38	102	4.67	119	166	3.56
40	95	4.55	121	165	3.50
41	114	4.52	122	160	3.48
48	89	4.11	123	136	3.25
49	104	4.09	124	156	3.22
56	99	3.85	125	139	3.19
59	101	3.73	127	150	3.17
64	108	3.69	128	162	3.16
72	96	3.58	130	138	3.15
80	90	3.42	131	127	3.08
84	105	3.27	133	126	3.05
86	120	3.09	135	134	3.01
<u>Social Beliefs:</u>					
90	170	1.86	118	179	3.58
92	172	1.76	120	174	2.11
96	177	3.22	126	176	1.89
97	178	1.17	129	175	1.93
104	173	1.71	132	167	2.05
108	181	2.28	134	168	2.47
110	171	1.95			
111	169	2.09			
115	180	3.05			