

APPENDIX B

Tables 1 to 8 showing Frequency Distributions
of the scores and other descriptive
statistics for all 8 tests of
Revised(Hindi) Differential Aptitude Tests.

Appendix B contd.

TABLE 1

Frequency Distribution of Scores for
VERBAL REASONING Test

N = 170

Scores	f	S.f.*
		.50
1- 5	2	2.00
6-10	4	4.00
11-15	6	7.50
16-20	14	21.25
21-25	51	39.25
26-30	41	42.25
31-35	36	31.75
36-40	14	16.50
41-45	2	4.50
		.50

* Smoothed frequencies were worked out by the method given in J.P.Guilford, Fundamental Statistics in Psychology and Education, p. 48.

Mean	= 23.35	S.D.	= 7.25
Median	= 26.50	Sk	= -1.6478
Mode	= 23	K	= 3.64

Appendix B contd.

TABLE 2

Frequency Distribution of Scores for
ABSTRACT REASONING Test

N = 170

Scores	f	S.f.*
0-3	3	1.25
4-8	5	10.00
9-13	30	27.00
14-18	43	35.50
19-23	26	29.25
24-28	22	22.75
29-33	21	19.75
34-38	15	14.75
39-43	8	7.75
		2.00

* Smoothed frequencies were worked out by the method given in J.P.Guilford, Fundamental Statistics in Psychology and Education, p. 48.

Mean	= 21.70	S.D.	= 9.15
Median	= 19.85	Sk	= 2.6886
Mode	= 16	K	= 7.30

Appendix B contd.

TABLE 3

Frequency Distribution of Scores for
SPACE RELATIONS Test

N = 170

Scores	f	S.f.*
9-11	9	2.25
12-14	34	13.00
15-17	41	29.50
18-20	32	37.00
21-23	31	34.00
24-26	14	27.00
27-29	7	16.50
30-32	1	7.25
33-35	1	2.50
		.75
		.25

* Smoothed frequencies were worked out by the method given in J.P. Guilford, Fundamental Statistics in Psychology and Education, p. 48.

Mean = 18.21 S.D. = 3.18

Median = 18.59 Sk = 1.833

Mode = 16 K = 5.57

Appendix B contd.

TABLE 4

Frequency Distribution of Scores for
MECHANICAL REASONING Test

N = 170

Scores	f	S.f.*
		1.00
18-22	4	6.00
23-27	16	18.50
28-32	38	36.75
33-37	55	47.00
38-42	40	36.75
43-47	12	17.25
48-52	5	5.50
		1.25

* Smoothed frequencies were worked out by the method given in J.P.Guilford, Fundamental Statistics in Psychology and Education, p. 48.

Mean = 35.00 S.D. = 6.30

Median = 34.95 Sk = .067

Mode = 35 K = 2.90

Appendix B contd.

TABLE 5

Frequency Distribution of Scores for
CLERICAL SPEED AND ACCURACY
Test
N = 101

Scores	f	S.f.*
		.25
1- 5	1	.50
6-10	1	.75
11-15	2	1.50
16-20	2	2.50
21-25	4	3.50
26-30	4	6.25
31-35	13	11.75
36-40	17	17.75
41-45	24	20.75
46-50	18	17.50
51-55	10	10.25
56-60	3	4.75
61-65	3	2.25
		.75

* Smoothed frequencies were worked out by the method given in J.P. Guilford, Fundamental Statistics in Psychology and Education, p. 48.

Mean	= 41.16	S.D.	= 8.23
Median	= 45.50	Sk	= -7.3082
Mode	= 43	K	= 2.66

1. compared from the 3rd and 4th measurements of the Mean respectively.

Appendix B contd.

TABLE 6
 Frequency Distribution of Scores for
 NUMERICAL ABILITY Test

N = 170

Scores	f	S.f.*
		1.00
4- 8	4	77.75
9-13	23	24.50
14-18	48	40.25
19-23	42	42.50
24-28	38	32.75
29-33	13	16.50
34-38	2	4.25
		.50

* Smoothed frequencies were worked out by the method given in J.P. Guilford, Fundamental Statistics in Psychology and Education, p. 48.

Mean	= 19.95	S.D.	= 6.35
Median	= 19.70	Sk ¹	= .1931
Mode	= 16	K ¹	= 3.90

¹. computed from the 3rd and 4th measurement of the Mean respectively.

Appendix B contd.

TABLE 7

Frequency Distribution of Scores for
LANGUAGE USAGE-SP Test

N = 170

Scores	f	S.f.*
		.25
19-23	1	.75
24-28	1	.75
29-33	-	.50
34-38	1	1.25
39-43	3	5.50
44-48	15	12.75
49-53	18	17.25
54-58	18	25.75
59-63	49	38.50
64-68	38	37.50
69-73	25	22.25
74-78	1	6.75
		.25

* Smoothed frequencies were worked out by the method given in J.P.Guilford, Fundamental Statistics in Psychology and Education, p. 48.

Mean	= 59.80	S.D.	= 9.00
		1	
Median	= 59.82	Sk	= -6.3484
		1	
Mode	= 61	K	= 4.87

1. computed from the 3rd and 4th measurement of the Mean respectively.

Appendix B contd.

TABLE 8
 Frequency Distribution of Scores for
 LANGUAGE USAGE-GR Test
 N = 170

Scores	f	S.f.*
6-10	2	2.00
11-15	4	3.50
16-20	4	6.50
21-25	14	17.50
26-30	38	37.25
31-35	59	49.50
36-40	42	37.25
41-45	6	13.75
46-50	1	2.00
		.25

* Smoothed frequencies were worked out by the method given in J.P. Guilford, Fundamental Statistics in Psychology and Education, p. 48.

Mean	= 31.60	S.D.	= 6.65
Median	= 31.45	Sk ₁	= -2.2834
Mode	= 33	K	= 2.66

1. computed from the 3rd and 4th measurements of the Mean respectively.