

A P P E N D I X B

1. DATA DERIVED FROM THE MAIN INVESTIGATION

TABLE NO. I

Showing Total Interest Scores of Subjects in
Various Groups (Main Investigation)
on First Test Administration
(a) Fine Arts Group

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
1	29.8	9.8	7.2	13.8	22.2	10.6
2	28.0	10.8	16.2	20.2	11.0	11.0
3	40.6	12.2	10.2	7.6	16.0	10.2
4	31.4	15.0	11.2	12.8	13.8	16.0
5	26.4	18.2	14.0	13.0	16.2	13.8
6	23.6	23.4	8.4	10.2	11.6	10.0
7	37.8	18.4	10.4	13.0	16.2	16.2
8	36.6	10.8	7.2	16.4	19.0	15.8
9	37.8	10.2	11.6	10.8	10.6	11.2
10	39.2	10.8	5.6	10.8	17.8	14.6
11	36.6	14.0	6.6	12.8	15.8	18.2

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
12	43.6	15.4	13.8	12.6	19.6	13.4
13	40.8	10.6	8.4	18.2	20.0	16.4
14	42.0	7.0	4.2	8.8	13.0	12.0
15	37.0	14.0	11.6	12.6	21.8	14.0
16	38.6	7.4	6.8	11.2	11.4	11.4
17	23.6	23.4	7.6	13.6	7.4	21.6
18	29.6	14.2	7.6	11.4	12.4	12.0
19	24.2	15.4	15.8	13.2	10.4	16.2
20	30.2	12.4	4.6	7.6	9.8	12.4
21	38.6	10.8	8.0	11.8	14.4	13.6
22	24.0	13.8	10.8	12.0	18.6	12.6
23	32.2	10.8	10.0	8.0	14.8	12.8
24	33.0	9.2	9.2	6.4	9.2	7.8
25	30.4	7.0	7.2	8.0	10.2	8.0

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
26	31.8	8.0	12.0	13.4	17.4	9.4
27	27.4	8.8	8.2	13.0	16.0	7.8
28	37.0	7.2	5.0	7.6	14.0	8.0
29	31.6	13.8	11.0	8.6	9.4	17.4
30	30.2	15.0	15.4	14.4	15.8	13.8
31	18.4	13.0	13.2	18.8	21.4	13.2
32	30.6	13.6	10.4	15.6	21.0	18.6
33	30.6	15.4	9.8	19.8	14.8	16.0
34	40.2	6.4	5.4	6.8	13.4	6.2
35	32.4	13.6	10.0	13.6	27.2	13.6
36	34.4	13.8	3.2	6.8	22.6	11.6
37	27.8	12.2	10.4	8.6	14.4	12.8
38	34.4	11.2	9.8	19.6	13.4	16.6
39	33.6	9.0	10.0	5.4	11.4	6.0

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
40	33.2	13.6	6.6	16.0	29.2	14.6
41	30.2	15.4	4.8	5.8	13.6	20.8
42	35.0	11.8	10.8	18.8	15.2	18.0
43	31.0	12.8	10.6	14.0	16.2	15.0
44	34.2	11.8	6.2	15.4	17.6	18.4
45	30.6	10.0	12.8	10.0	20.4	12.4
46	34.0	15.8	8.4	18.6	24.0	12.4
47	28.8	15.0	12.4	10.8	15.0	19.6
48	41.6	11.2	8.0	12.0	12.8	14.4
49	32.4	10.0	17.8	6.4	9.2	17.8
50	31.2	11.4	8.4	14.6	16.8	17.6

(b) Technical Group

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
1	8.2	24.2	15.4	27.8	11.6	16.0
2	26.0	18.4	10.2	14.2	12.8	15.8
3	13.0	32.4	10.0	15.4	19.4	16.4
4	12.6	20.0	17.8	11.8	8.8	21.8
5	16.6	27.2	8.4	9.6	13.4	15.6
6	8.4	32.0	7.0	10.4	8.8	23.2
7	9.0	23.4	14.4	6.8	12.8	17.2
8	8.0	34.6	9.2	11.8	11.6	15.0
9	13.2	21.4	11.4	11.4	17.4	16.6
10	4.2	42.0	13.8	11.2	11.6	19.6
11	6.2	20.8	13.0	19.4	25.4	16.6
12	8.2	29.8	15.0	23.0	13.4	15.4
13	11.2	35.4	14.0	13.4	18.4	19.2

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
14	10.4	30.6	14.2	14.0	17.2	19.6
15	7.6	30.4	13.2	17.4	13.2	20.4
16	13.8	23.4	21.0	9.8	17.8	13.2
17	14.6	32.0	14.0	10.2	10.4	18.4
18	7.4	28.4	14.2	24.8	17.8	19.8
19	5.2	30.2	18.6	11.4	17.2	17.8
20	17.0	31.4	12.4	15.0	13.6	20.6
21	7.0	33.2	9.2	22.2	19.2	14.8
22	3.6	32.0	16.4	15.6	14.2	14.0
23	10.2	28.0	15.8	15.4	13.0	22.4
24	14.4	27.0	13.4	12.8	13.0	9.6
25	11.0	27.2	16.4	13.2	11.8	15.2
26	14.6	26.0	8.6	17.0	20.0	13.6
27	7.4	29.6	14.2	12.2	19.0	18.8

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
28	11.8	29.4	14.8	13.2	19.0	15.2
29	13.0	33.4	16.0	21.0	8.4	16.2
30	8.0	33.6	12.3	12.4	12.8	16.4
31	6.0	39.2	10.0	8.6	13.0	20.8
32	6.4	37.6	19.2	20.6	11.4	15.2
33	7.8	35.4	16.4	13.0	10.4	15.4
34	11.6	33.0	16.4	11.2	10.4	12.6
35	14.6	20.2	18.0	11.6	19.4	12.8
36	6.0	40.2	11.6	6.2	12.4	12.4
37	7.6	39.6	12.2	12.0	11.8	21.6
38	4.6	29.4	10.2	8.2	13.0	16.6
39	4.8	32.4	12.8	11.2	14.2	14.6
40	4.4	18.4	28.0	15.0	16.4	17.6

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
41	10.8	31.8	20.8	14.0	17.2	19.6
42	10.8	14.2	21.8	11.2	17.0	17.4
43	11.0	21.4	16.2	22.4	12.6	19.4
44	8.2	34.0	12.4	13.0	11.0	13.4
45	10.6	32.4	12.4	8.0	11.0	21.2
46	12.4	40.8	17.2	17.0	12.6	18.2
47	13.0	32.2	10.6	15.8	13.4	15.8
48	5.8	31.8	14.0	16.0	14.8	19.4
49	12.6	25.6	12.8	7.6	11.0	16.0
50	3.0	38.4	9.0	8.4	6.0	21.2

(c) Commerce Group

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
1	18.2	10.0	29.4	14.0	13.6	14.6
2	10.0	15.4	30.8	22.8	13.2	16.8
3	7.8	15.8	29.8	12.8	21.6	20.4
4	5.8	13.4	30.6	12.8	20.0	21.8
5	11.2	20.2	31.6	15.6	12.4	11.4
6	23.8	17.6	28.0	9.0	12.4	14.8
7	19.4	9.0	24.8	12.8	18.2	13.0
8	9.6	16.6	36.8	14.8	10.2	16.2
9	10.0	15.2	31.6	13.2	16.8	15.2
10	7.0	10.6	32.8	13.0	21.2	14.0
11	14.2	7.6	34.8	12.4	16.0	15.0
12	15.6	14.4	29.6	25.0	18.2	13.2

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
13	11.6	15.2	37.0	8.2	16.4	11.8
14	7.0	11.0	30.4	14.2	18.0	11.4
15	13.8	20.6	32.8	14.4	12.6	14.6
16	4.0	14.6	33.8	18.6	9.0	16.2
17	6.6	13.2	33.6	15.2	15.4	19.6
18	10.8	22.2	36.2	12.0	13.2	18.6
19	9.0	16.4	28.2	14.0	19.2	11.4
20	7.6	9.4	28.0	15.4	19.2	12.6
21	10.0	11.6	20.0	12.2	20.8	12.6
22	13.8	14.0	31.4	12.2	22.4	17.6
23	16.0	14.4	30.0	19.8	14.4	23.4
24	10.8	23.8	29.0	17.2	13.0	21.8
25	7.8	15.6	25.4	16.0	10.8	23.0

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
26	9.0	13.6	25.6	12.8	16.6	20.6
27	20.4	9.2	18.2	15.8	13.8	15.8
28	13.4	11.4	22.8	16.6	24.8	16.0
29	7.8	10.0	39.8	13.0	12.4	11.6
30	11.8	11.8	27.6	15.8	18.8	16.4
31	11.2	11.8	34.8	7.8	12.4	17.8
32	13.6	15.8	26.2	9.4	17.8	16.2
33	6.0	12.2	38.8	15.0	12.0	15.8
34	8.0	18.6	26.2	14.2	17.0	16.4
35	15.2	17.0	26.8	13.0	15.2	13.0
36	10.4	13.6	26.0	16.0	13.6	13.2
37	23.4	11.8	25.8	14.4	21.4	14.4
38	14.8	12.6	23.6	19.2	15.8	11.8

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
39	7.2	22.6	28.4	13.2	11.8	18.0
40	10.0	14.6	26.6	14.0	24.8	14.0
41	5.0	13.4	33.0	18.4	9.8	11.4
42	5.2	16.0	27.8	16.8	15.6	15.4
43	10.8	16.8	24.0	15.4	20.0	12.6
44	12.2	7.4	23.2	10.6	24.2	17.4
45	6.4	13.0	34.0	16.0	11.2	14.8
46	6.8	14.2	31.8	13.4	11.6	15.0
47	12.2	13.8	30.4	8.8	12.0	17.0
48	10.4	14.2	28.6	6.4	10.6	18.4
49	6.4	9.0	39.6	9.4	20.2	17.0
50	12.0	5.8	39.2	5.4	18.4	12.8

(d) Agriculture Group

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
1	10.6	14.6	11.4	39.0	11.2	21.6
2	5.8	10.2	11.6	37.2	17.4	15.0
3	8.6	13.2	13.2	34.2	15.6	18.6
4	7.8	11.0	10.0	37.4	11.4	19.6
5	5.8	12.2	12.0	30.2	20.4	21.6
6	9.8	22.0	7.4	39.2	17.2	23.2
7	13.4	7.4	11.6	27.6	12.0	23.2
8	7.2	10.8	12.2	36.0	14.4	11.6
9	6.0	17.8	15.2	38.0	10.8	18.2
10	6.6	12.8	16.0	28.8	13.2	17.8
11	6.2	23.4	13.2	21.8	6.8	27.0
12	12.0	12.2	9.6	31.4	14.8	17.4

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
13	8.0	17.8	8.8	29.4	12.8	31.8
14	31.2	8.6	14.2	25.4	16.2	11.6
15	7.8	12.4	6.4	31.4	16.8	13.4
16	12.2	25.0	18.8	33.6	13.6	18.5
17	6.6	15.0	13.2	41.4	12.6	22.4
18	11.6	11.0	12.2	30.8	16.2	20.6
19	9.4	16.8	17.0	21.6	16.4	19.4
20	23.2	9.4	12.6	32.0	11.0	14.8
21	14.2	15.4	8.8	36.2	24.2	17.0
22	10.6	16.0	18.8	34.8	15.6	18.6
23	8.4	12.0	10.8	44.0	12.8	14.0
24	14.4	31.8	9.2	22.0	15.2	19.2
25	16.8	19.2	15.8	35.4	20.0	14.2

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
26	9.6	18.2	12.4	37.8	13.2	23.4
27	6.6	17.2	18.0	36.8	13.8	16.6
28	11.4	12.4	13.2	35.8	14.0	14.8
29	12.8	10.6	13.8	35.2	15.4	20.2
30	7.2	15.6	8.2	19.8	8.0	14.6
31	7.6	11.6	10.2	44.2	11.0	15.8
32	10.4	19.0	23.8	23.8	10.0	23.2
33	10.8	16.6	10.2	37.0	11.6	22.8
34	18.0	11.2	8.2	40.2	13.8	14.8
35	18.4	8.0	10.2	30.6	14.0	19.8
36	10.0	14.2	14.6	35.0	15.4	14.2
37	13.8	13.6	11.6	31.0	12.6	22.6
38	18.0	17.4	11.8	29.4	13.0	23.0
39	10.0	16.2	19.8	28.4	8.0	18.4
40	10.6	12.6	15.6	26.4	16.6	21.0

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
41	7.0	16.2	9.6	32.0	10.8	19.4
42	14.4	21.4	9.0	35.8	10.6	26.8
43	11.2	11.8	12.0	38.6	11.0	13.4
44	6.8	12.0	9.4	24.8	11.2	29.0
45	7.8	15.0	9.8	44.4	10.6	22.0
46	5.6	19.6	9.4	36.0	11.8	20.6
47	11.8	15.8	9.4	41.8	15.4	19.6
48	7.2	18.2	13.6	39.8	11.2	18.0
49	9.6	19.6	11.4	42.4	12.4	23.6
50	7.8	8.0	8.0	43.2	9.4	18.0

(e) Humanities Group

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
1	29.2	18.6	14.6	11.4	26.0	19.8
2	17.4	14.8	16.6	11.8	29.2	20.4
3	20.2	11.4	14.2	11.8	26.4	19.4
4	29.2	10.0	16.4	8.8	27.0	15.6
5	22.0	14.0	11.6	18.2	25.6	14.8
6	15.8	10.2	13.0	16.8	36.2	15.0
7	19.6	17.6	11.2	20.6	25.8	27.4
8	18.0	19.8	12.4	17.6	25.4	22.4
9	15.8	15.0	10.0	17.6	27.0	27.0
10	19.2	14.2	13.0	10.8	23.8	19.0
11	26.4	16.6	12.2	13.0	22.8	16.4
12	26.8	15.4	12.4	16.0	22.2	16.8

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
13	28.4	15.0	10.0	12.2	26.4	18.0
14	14.2	12.6	10.4	16.4	29.6	24.8
15	22.0	13.0	10.0	14.8	33.0	12.2
16	24.2	14.6	12.0	12.0	27.2	13.4
17	13.8	19.2	10.0	18.4	42.4	16.6
18	15.6	15.4	11.8	17.0	34.0	10.0
19	18.6	10.4	10.2	18.4	29.8	17.8
20	15.0	10.4	9.6	10.8	31.2	22.0
21	14.8	11.8	16.4	9.4	23.4	13.4
22	15.2	15.0	18.2	23.2	21.0	14.4
23	20.4	13.0	8.6	13.8	27.2	14.2
24	9.2	9.8	27.8	13.2	15.8	12.8
25	29.0	17.0	10.4	13.2	31.6	17.2
26	21.8	15.0	14.0	11.8	31.2	16.2

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
27	16.6	7.8	9.2	12.4	37.2	12.8
28	15.4	8.6	16.8	10.8	26.4	14.8
29	14.2	9.0	15.8	13.4	27.0	16.2
30	21.8	11.6	10.8	13.4	30.8	21.6
31	10.6	10.0	13.6	14.4	23.4	15.0
32	25.4	12.4	11.4	6.8	22.4	14.2
33	21.0	17.4	21.0	13.6	29.4	17.4
34	11.0	15.4	10.2	17.6	34.2	15.2
35	29.8	15.4	9.6	12.6	19.0	20.2
36	13.6	10.8	19.6	14.2	27.4	15.4
37	9.6	19.0	18.8	21.4	19.2	12.8
38	12.2	8.2	16.2	9.4	21.2	6.6
39	28.0	14.0	10.4	13.8	36.8	16.8
40	17.8	11.2	10.2	8.4	29.4	10.4

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
41	22.4	8.2	11.2	7.6	22.0	12.4
42	14.0	15.2	7.6	20.8	31.0	13.6
43	12.2	15.4	12.8	27.6	30.8	15.4
44	13.6	14.6	15.4	18.2	30.4	15.2
45	9.4	10.0	12.8	16.6	26.0	14.4
46	7.8	14.6	28.6	17.4	18.2	14.6
47	24.0	10.6	10.0	10.6	32.8	15.2
48	15.6	18.4	16.6	10.6	28.6	18.0
49	10.0	4.2	12.6	7.8	24.0	9.6
50	15.0	11.0	19.2	14.8	27.4	24.6

(f) Science Group

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
1	8.0	19.8	6.4	14.8	9.4	25.0
2	15.8	12.0	11.4	17.0	16.6	15.6
3	9.0	18.8	14.4	11.4	8.8	25.0
4	8.4	16.6	8.0	15.6	9.2	32.8
5	6.4	19.4	10.2	19.0	15.6	38.6
6	8.8	22.0	9.0	14.4	18.6	30.0
7	17.4	14.0	15.8	16.8	14.6	21.8
8	13.4	13.2	14.6	18.2	32.4	36.8
9	9.0	16.2	11.0	20.0	16.6	33.0
10	10.8	18.2	10.6	17.2	18.4	26.0
11	11.8	13.0	8.6	16.8	32.2	25.6
12	14.8	20.6	9.4	10.4	21.2	29.4

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
13	6.2	25.0	13.2	22.8	12.2	29.0
14	25.0	16.2	11.8	22.4	6.6	24.8
15	8.0	14.4	12.6	16.8	15.2	18.6
16	9.8	11.2	22.2	16.2	18.2	23.6
17	10.4	13.2	10.4	12.2	14.0	34.2
18	8.4	21.2	9.0	15.4	21.2	36.2
19	9.8	18.4	8.0	13.0	19.2	32.0
20	8.8	13.8	7.4	14.0	18.6	25.6
21	18.2	11.6	8.8	14.0	35.2	25.6
22	13.8	33.4	5.6	9.2	10.2	32.6
23	5.6	38.2	6.2	10.4	9.4	30.2
24	6.8	13.8	5.4	23.2	16.0	18.6
25	8.0	12.2	12.0	20.2	20.2	21.0

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
26	20.0	17.4	12.6	15.4	16.0	25.0
27	17.4	17.6	11.0	19.2	18.2	29.8
28	15.8	10.8	11.0	13.2	9.0	26.2
29	14.6	14.6	14.0	16.4	14.0	36.4
30	10.8	6.2	6.4	4.0	12.2	23.4
31	18.4	16.3	7.4	13.0	14.6	22.4
32	9.8	13.0	10.2	19.8	23.4	25.4
33	10.8	25.8	9.2	8.6	13.8	22.0
34	9.4	12.4	8.4	6.0	20.8	29.4
35	9.0	13.8	10.8	16.0	14.6	30.2
36	14.4	18.2	13.6	12.0	15.2	27.4
37	10.2	18.8	8.4	28.0	12.8	23.0
38	19.4	18.8	11.2	17.4	11.6	25.2
39	14.4	15.0	13.6	15.8	18.8	29.0

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
40	22.2	13.2	19.2	13.6	18.4	23.0
41	13.8	13.2	12.2	18.4	18.6	27.4
42	15.0	16.4	11.6	16.0	20.0	32.6
43	18.8	14.8	17.6	17.4	12.8	26.0
44	6.4	21.6	16.6	17.4	19.0	24.0
45	13.4	19.2	10.4	14.0	21.2	30.6
46	8.8	8.2	15.8	9.4	22.4	15.2
47	6.2	17.0	9.4	12.2	12.2	37.6
48	19.8	17.4	10.8	14.0	22.4	34.8
49	11.8	18.4	12.0	13.6	14.6	38.2
50	11.6	23.2	17.2	12.4	13.4	38.6

TABLE NO. II
 Showing the Interest Scores Obtained on Second
 Test Administration
 (a) Fine Arts Group

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
1	30.4	18.4	15.8	12.0	17.2	14.8
2	27.0	8.4	12.4	22.2	13.6	8.2
3	38.8	14.2	13.0	11.2	13.4	17.0
4	31.0	15.6	12.6	16.6	17.4	15.0
5	24.2	21.0	14.6	8.8	10.6	13.8
6	24.2	12.2	7.4	5.8	9.6	8.2
7	32.2	15.2	9.8	8.6	21.4	18.8
8	33.6	10.2	7.4	17.6	20.2	17.2
9	35.0	6.2	6.8	7.0	7.4	5.8
10	36.4	10.6	5.6	14.2	20.8	13.2
11	39.0	14.8	9.6	14.6	16.2	22.8
12	41.6	16.6	13.2	17.6	15.4	17.4

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
13	36.8	12.2	7.8	14.8	17.4	15.6
14	27.2	7.8	3.0	18.6	22.4	16.0
15	29.0	10.6	8.8	11.8	26.0	12.4
16	31.6	10.0	12.0	14.6	15.2	14.0
17	19.6	24.4	10.4	12.8	6.2	21.8
18	31.2	10.8	8.8	12.6	19.6	8.8
19	24.4	16.8	15.0	11.6	9.0	16.8
20	37.0	12.2	6.6	11.4	14.0	11.0
21	33.2	10.6	7.8	11.6	18.0	11.4
22	23.0	12.8	10.4	16.0	22.2	13.2
23	28.4	9.4	12.8	9.6	12.8	10.8
24	37.0	8.2	13.6	13.4	12.2	12.2
25	28.2	11.8	17.2	12.4	16.6	13.2
26	27.0	13.0	11.8	17.8	21.8	17.4

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
27	34.6	13.8	11.4	19.4	20.4	17.6
28	32.0	9.2	5.4	12.6	19.0	14.4
29	31.0	18.0	10.2	6.8	10.8	18.4
30	31.6	14.8	13.6	14.4	15.4	16.6
31	16.0	12.4	10.6	14.8	21.8	13.6
32	33.8	12.0	8.4	15.2	16.8	16.6
33	31.0	13.6	6.6	17.8	13.6	13.8
34	46.2	6.4	6.4	6.4	16.2	6.4
35	32.4	11.8	8.6	10.4	23.6	10.4
36	37.4	11.6	7.2	5.8	27.0	13.2
37	24.0	10.2	9.0	15.4	21.2	20.2
38	34.4	11.8	10.0	14.6	11.0	12.6
39	30.4	13.0	11.2	9.8	12.0	9.8
40	36.6	14.4	7.2	8.6	25.4	19.2
41	27.6	18.8	12.6	5.4	17.8	16.6
42	27.6	14.0	15.4	15.8	15.4	23.4

(b) Technical Group

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
1	7.4	23.6	15.8	31.2	10.2	14.2
2	26.6	18.2	12.0	11.8	16.0	9.8
3	12.8	39.4	9.8	17.8	15.6	17.6
4	10.4	29.2	15.8	8.4	7.6	21.6
5	15.6	35.6	9.0	9.4	11.2	15.2
6	5.2	32.6	5.0	9.4	7.2	24.2
7	8.8	22.6	14.6	7.2	12.0	16.8
8	9.0	38.6	10.0	10.4	8.4	14.2
9	14.4	16.6	16.0	11.0	14.2	23.0
10	14.4	42.2	13.2	14.6	16.4	22.8
11	5.4	26.6	9.8	18.6	25.6	18.4
12	6.4	26.6	14.2	32.0	11.2	17.2
13	8.0	36.8	14.0	11.0	13.4	22.6
14	10.2	30.2	14.4	16.2	17.4	17.2

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
15	8.2	32.6	13.2	15.8	12.8	22.4
16	11.6	23.0	12.2	8.2	21.6	13.8
17	10.8	27.8	12.8	14.2	16.8	19.4
18	7.4	27.0	13.0	21.6	14.8	16.4
19	5.0	30.6	15.4	9.8	15.4	22.4
20	14.8	26.8	12.6	20.2	14.4	20.6
21	7.4	33.6	12.0	21.8	11.2	16.6
22	3.6	32.2	15.6	14.6	14.2	16.2
23	8.0	28.6	12.2	12.6	12.4	24.0
24	12.4	34.8	9.6	18.2	13.6	14.4
25	8.8	32.0	15.6	12.2	11.6	16.8
26	11.8	21.0	8.6	17.6	19.0	13.2
27	7.0	31.2	10.0	15.0	17.6	20.2
28	11.2	31.0	9.0	13.4	17.2	18.0

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
29	11.8	37.8	13.4	17.2	10.4	12.0
30	8.4	35.8	12.6	9.8	10.0	17.0
31	7.2	29.8	11.8	10.0	13.8	18.8
32	10.0	31.2	20.4	15.4	15.0	16.8
33	7.8	34.6	11.4	14.8	7.8	14.2
34	9.6	33.0	11.8	10.0	10.6	15.6
35	16.0	22.8	19.0	13.2	17.4	13.0
36	3.0	33.0	12.4	8.8	5.4	15.2
37	5.0	35.6	15.6	8.4	10.6	17.8
38	4.8	33.4	8.8	5.6	7.8	10.2
39	6.6	32.6	12.0	9.6	12.6	18.2
40	5.2	17.2	26.4	13.6	20.6	12.0
41	12.8	33.0	15.0	16.6	14.8	18.8

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
42	10.2	17.4	21.8	10.2	16.0	15.4
43	12.0	26.2	15.0	21.4	12.2	20.0
44	7.8	39.8	14.6	11.0	9.6	18.8
45	7.4	35.8	9.0	7.0	7.4	20.7
46	14.2	43.0	15.4	15.0	11.0	21.0
47	13.8	37.0	10.6	15.8	12.0	18.6
48	5.6	31.0	14.0	15.6	16.2	20.0
49	12.8	24.8	9.2	9.2	9.4	15.2
50	5.4	41.2	5.8	10.0	9.8	16.4

(c) Commerce Group

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
1	19.4	13.6	28.0	15.0	16.6	16.8
2	14.0	16.2	30.2	22.2	15.0	14.8
3	10.2	17.8	28.0	16.2	17.0	16.6
4	9.0	17.0	29.8	14.0	20.2	18.2
5	9.8	18.6	30.8	13.8	12.2	11.8
6	17.8	18.2	29.0	10.0	12.8	11.8
7	17.2	10.4	28.0	11.8	15.8	13.8
8	11.0	16.8	30.2	14.8	11.8	13.8
9	10.8	15.0	30.8	17.8	14.6	14.8
10	8.8	12.4	30.0	13.4	15.8	14.8

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
11	9.8	12.8	32.4	13.0	16.0	16.8
12	12.6	14.0	35.0	20.2	20.4	17.0
13	12.3	13.8	33.0	10.8	18.0	13.2
14	9.0	15.6	36.8	16.0	20.8	14.8
15	12.0	17.2	34.2	14.0	15.0	11.2
16	7.8	13.8	30.2	20.8	12.8	16.4
17	7.0	11.8	39.0	15.6	16.2	18.0
18	10.2	20.8	32.8	15.4	17.9	14.4
19	11.8	17.2	29.0	13.8	17.0	17.0

(d) Agriculture Group

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
1	12.0	15.2	16.4	32.6	8.0	19.6
2	9.8	13.8	11.2	28.0	15.4	14.4
3	7.0	20.2	13.4	33.0	12.4	17.8
4	7.8	10.8	9.6	38.8	13.2	17.4
5	6.6	12.4	10.2	35.2	16.2	24.8
6	15.2	14.6	11.0	33.2	18.2	18.4
7	15.6	13.4	15.6	35.8	15.6	17.2
8	7.4	14.6	12.8	40.2	12.4	14.8
9	7.0	14.4	13.2	37.6	6.8	20.2
10	9.0	9.8	15.2	31.8	9.8	16.8
11	7.4	24.4	10.2	20.0	7.0	30.0
12	14.8	12.0	8.2	29.2	13.2	18.2
13	10.6	21.2	10.6	24.0	11.4	47.6

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
14	31.0	8.4	11.2	22.4	13.4	14.8
15	15.6	15.8	9.6	32.0	13.8	17.0
16	12.2	21.8	16.2	33.2	14.8	19.0
17	5.8	15.6	10.4	42.2	12.2	22.2
18	13.0	14.6	11.2	18.6	14.6	21.8
19	10.0	15.0	14.8	30.6	11.2	19.8
20	26.0	12.6	7.6	24.6	11.6	14.2
21	16.0	12.4	9.0	34.4	20.8	17.6
22	8.0	16.4	16.0	34.4	11.8	14.6
23	11.6	12.8	16.2	37.2	15.4	19.2
24	15.0	32.8	12.6	20.0	12.0	18.0
25	15.0	21.4	20.2	23.4	16.2	19.6
26	10.6	16.2	13.8	38.6	14.2	22.2
27	8.0	13.4	11.0	34.4	12.8	20.2

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
28	8.4	15.2	9.6	40.0	13.6	16.8
29	13.0	10.6	10.2	34.6	12.0	16.8
30	19.8	21.0	9.4	20.4	14.4	19.8
31	7.0	10.4	11.0	40.4	9.0	12.2
32	8.6	17.2	24.6	22.4	18.8	26.0
33	15.0	17.6	7.6	31.0	12.6	22.2
34	8.4	13.4	10.0	37.6	12.0	14.4
35	15.4	12.4	9.8	30.4	9.8	16.8
36	6.6	15.6	17.0	33.6	9.6	18.8
37	20.0	14.0	10.2	32.6	12.0	19.2
38	16.8	14.2	12.2	20.6	12.0	28.6
39	7.6	12.4	21.4	27.4	13.6	16.2

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
40	14.0	18.4	11.0	26.0	12.4	19.4
41	5.6	14.4	8.6	29.0	11.2	25.2
42	10.8	18.8	6.8	36.8	13.8	28.0
43	5.4	16.0	7.8	43.4	8.6	10.2
44	10.2	8.2	11.0	41.6	11.0	16.6
45	11.8	17.4	7.6	36.8	13.6	19.2
46	2.0	17.8	8.0	28.0	9.6	19.4
47	12.6	8.8	4.6	32.4	7.8	13.4

(e) Humanities Group

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
1	26.6	18.4	18.8	17.8	24.4	19.6
2	20.4	13.8	9.8	12.2	24.2	18.2
3	22.4	9.2	16.2	13.4	27.2	17.0
4	23.2	9.6	17.2	11.4	26.2	19.6
5	27.2	10.4	15.0	14.8	22.8	18.4
6	23.4	13.0	14.0	18.4	26.8	18.8
7	18.2	19.4	15.8	24.6	28.2	27.6
8	21.2	11.6	10.8	14.8	19.2	14.0
9	15.4	17.0	8.8	17.2	32.2	24.4
10	26.2	15.8	11.4	12.6	24.6	17.6

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
11	27.2	13.8	9.6	14.2	17.8	20.6
12	24.4	12.0	10.4	17.0	26.6	21.0
13	27.0	14.0	8.8	14.2	25.6	20.2
14	8.8	15.0	8.8	20.2	26.0	22.0
15	13.0	11.6	12.6	13.8	30.0	14.8
16	14.0	4.4	10.6	9.8	28.2	11.0
17	9.6	10.2	18.0	11.4	42.0	20.8
18	13.2	11.0	18.0	14.4	36.4	15.4
19	13.6	11.4	15.8	13.4	30.8	12.8
20	19.4	9.6	10.6	11.0	29.6	14.0

(f) Science Group

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
1	5.8	19.4	7.8	15.8	9.0	23.4
2	10.0	10.6	13.4	12.6	17.0	19.8
3	6.8	16.6	6.8	8.0	7.0	26.4
4	5.6	11.8	8.8	12.6	10.6	35.4
5	9.0	24.4	11.2	16.6	14.6	36.4
6	7.8	21.2	9.0	13.6	17.2	32.8
7	16.6	14.6	12.0	15.8	15.4	32.2
8	14.6	16.6	15.8	18.8	16.4	34.8
9	10.0	18.0	10.2	15.6	15.6	28.0
10	15.4	15.0	11.8	13.6	19.6	30.2
11	12.8	10.2	8.0	17.0	27.6	34.8
12	16.6	19.6	11.8	6.6	20.0	26.0
13	4.8	20.2	8.4	18.8	12.4	35.0

Sr. No.	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
14	26.4	13.8	12.0	16.4	9.0	24.8
15	11.4	14.4	16.0	18.0	17.6	20.6
16	8.4	15.0	18.0	12.6	12.2	21.2
17	8.0	17.6	8.0	11.4	14.8	32.2
18	9.6	23.8	9.4	14.6	22.4	30.8
19	12.0	14.2	9.4	13.6	20.8	36.0
20	14.2	16.8	9.8	16.8	20.8	27.4
21	16.0	11.2	12.2	13.0	28.2	31.2
22	13.4	33.4	10.6	13.0	9.2	33.8
23	7.6	34.8	7.2	13.0	11.2	36.4
24	8.4	18.4	6.4	24.2	15.0	20.0
25	18.6	11.8	11.8	15.8	18.8	14.4
26	17.2	16.2	13.8	13.4	13.0	27.0
27	14.4	16.8	11.6	16.8	19.8	26.2

Sr. No.	Fine Arts	Technology	Commerce	Agriculture	Humanities	Science
28	8.6	12.6	9.0	11.2	7.0	35.2
29	13.6	17.2	12.8	10.6	14.0	26.4
30	10.8	7.2	8.0	4.4	15.2	23.2
31	15.4	15.0	9.0	13.4	13.8	21.4
32	10.4	14.8	19.0	21.2	21.2	29.8
33	6.8	23.4	9.2	7.4	15.4	21.6
34	9.2	14.6	7.8	8.2	21.8	29.2
35	10.6	12.0	12.0	15.6	17.4	29.8
36	14.6	17.2	13.4	13.4	12.4	23.4
37	10.0	22.4	9.4	16.4	17.2	25.6
38	16.4	20.6	14.2	13.6	18.8	20.6
39	16.6	15.6	10.8	18.0	16.8	31.6
40	25.2	19.0	21.6	15.2	20.0	19.6
41	14.8	14.0	11.8	16.4	18.2	28.6

Sr. No.	Fine Arts	Technology	Commerce	Agriculture	Humanities	Science
42	17.8	18.6	11.6	16.2	12.6	27.8
43	15.2	16.4	12.2	16.2	10.0	25.4
44	11.6	24.0	18.4	16.8	17.0	19.4
45	10.8	16.0	10.4	18.2	17.0	28.8
46	5.8	6.6	21.0	9.4	27.4	17.4
47	9.4	15.0	10.0	14.0	26.2	38.2
48	17.2	12.8	10.4	10.6	21.8	26.0
49	10.2	19.0	11.4	12.2	16.6	33.2
50	4.4	21.8	15.6	19.0	9.6	28.6

* T A B L E S *

The following abbreviations have been used
in the tables presenting the summaries of Analysis of
Variance:

- (1) F.O. = Father's Occupation
- (2) A = Area of Residence
- (3) F.T. = Family Tradition
- (4) P.D. = Parental Desire
- (5) S = Stream
- (6) S.P. = Social Prestige
- (7) E.S. = Economical Status
- (8) S.S. = Self-Satisfaction
- (9) df = Degrees of Freedom
- (10) S.S. = Sum of Squares
- (11) M.S. = Mean Square

TABLE III

Showing the Range, Mean and S.D. of Interest
Scores (Main Investigation)

Interest	Range	Mean	S.D.
Fine Arts	3.0 - 43.6	15.80	9.49
Technical	4.2 - 42.0	16.94	7.56
Commerce	3.2 - 40.4	15.18	7.91
Agriculture	4.4 - 44.4	17.03	8.76
Humanities	6.0 - 42.4	17.21	6.45
Science	6.2 - 38.2	18.32	6.12

TABLE IV

Showing the Range, Mean and S.D. of Interest
Scores for Each Group

Group	Interest	Range	Mean	S.D.
Fine Arts	Fine Arts	18.4 - 43.6	32.76	5.34
	Technical	6.4 - 23.4	9.88	4.20
	Commerce	3.2 - 17.8	11.02	4.50
	Agriculture	5.4 - 22.2	10.57	4.69
	Humanities	7.4 - 29.2	18.40	6.04
	Science	6.2 - 21.6	12.15	4.71
Technical	Fine Arts	3.0 - 26.0	12.50	3.58
	Technical	14.2 - 42.0	29.91	6.30
	Commerce	7.0 - 28.0	13.95	3.83
	Agriculture	6.2 - 27.8	14.98	4.63
	Humanities	6.0 - 25.4	13.25	3.44
	Science	9.6 - 22.4	17.05	5.30

Group	Interest	Range	Mean	S.D.
Commerce	Fine Arts	4.0 - 23.8	9.50	3.24
	Technical	5.8 - 23.8	14.14	3.89
	Commerce	18.2 - 40.4	30.10	5.12
	Agriculture	6.4 - 25.0	12.30	3.51
	Humanities	9.0 - 24.8	12.44	4.30
	Science	11.2 - 23.4	11.60	3.50
Agriculture	Fine Arts	5.8 - 31.2	12.22	3.96
	Technical	7.4 - 31.0	13.90	4.72
	Commerce	7.4 - 23.8	13.99	3.68
	Agriculture	19.8 - 44.4	33.78	6.32
	Humanities	8.0 - 24.2	14.26	4.22
	Science	11.6 - 29.0	14.31	3.71

Group	Interest	Range	Mean	S.D.
Humanities	Fine Arts	7.8 - 29.8	15.71	4.69
	Technical	4.2 - 19.8	14.04	3.67
	Commerce	7.6 - 28.6	16.00	4.13
	Agriculture	7.6 - 23.2	13.51	3.15
	Humanities	15.8 - 42.4	27.52	5.22
	Science	6.6 - 27.4	16.46	5.08
Science	Fine Arts	4.4 - 26.4	13.68	3.65
	Technical	6.6 - 34.8	17.11	2.96
	Commerce	6.4 - 21.6	15.68	3.14
	Agriculture	4.4 - 24.2	19.32	4.30
	Humanities	7.0 - 28.2	16.39	4.21
	Science	14.4 - 38.2	27.76	5.72

TABLE V
Showing Test-Retest Reliability

Interest area	ST1	ST2	ST3	ST4	Total test -Battery
Fine Arts	.908	.576	.915	.785	.935
Technical	.942	.636	.770	.605	.917
Commerce	.894	.721	.879	.534	.901
Agriculture	.907	.653	.843	.659	.912
Humanities	.833	.599	.813	.290	.824
Science	.807	.623	.810	.458	.830

=====

TABLE VI

Showing Intercorrelations Between Scores in
Various Areas of Interest

(a) Fine Arts Group: N = 50

	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
Fine Arts (1)	-	.422	-.325	-.152	.087	-.105
Technical		(1)	.185	.220	.047	.501
Commerce			(1)	.253	-.088	.129
Agriculture				(1)	.388	.359
Humanities					(1)	.048
Science						(1)

(b) Technical Group

	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
Fine Arts	(1)	-.398	-.102	-.023	-.045	-.171
Technical		(1)	-.343	-.111	-.357	.135
Commerce			(1)	.151	.138	-.054
Agriculture				(1)	.215	-.021
Humanities					(1)	-.192
Science						(1)

(c) Commerce Group

	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
Fine Arts	(1)	-.104	-.402	-.069	.141	-.116
Technical		(1)	-.051	.191	-.355	.235
Commerce			(1)	-.202	-.306	-.071
Agriculture				(1)	-.119	-.020
Humanities					(1)	-.101
Science						(1)

(d) Agriculture Group

	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
Fine Arts	(1)	-.129	.082	-.231	.214	-.186
Technical		(1)	.128	-.151	-.069	.349
Commerce			(1)	-.260	-.040	-.079
Agriculture				(1)	.004	-.183
Humanities					(1)	-.232
Science						(1)

(e) Humanities Group

	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
Fine Arts	(1)	.237	-.378	-.378	.051	.191
Technical		(1)	-.048	.462	.089	.372
Commerce			(1)	-.034	-.487	-.121
Agriculture				(1)	.137	.193
Humanities					(1)	.074
Science						(1)

(f) Science Group

	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
Fine Arts	(1)	-.158	.288	.091	.142	-.241
Technical		(1)	-.136	.133	-.350	.215
Commerce			(1)	.166	.213	-.405
Agriculture				(1)	-.010	.074
Humanities					(1)	-.011
Science						(1)

TABLE VII
Showing the Factor Loadings on Each Interest Area

(a) Fine Arts Group

Factor No.	Interest Areas				
	Fine Arts	Technical	Commerce	Agriculture	Humanities Science
K1	-.578	.758	.509	.649	.209 .683
K2	.496	-.167	-.363	.503	.814 .133
K3	-.233	-.393	.587	.283	.230 -.538
K4	.510	-.252	.413	.169	-.349 .349
K5	-.240	-.269	-.317	.407	-.304 .038
K6	.219	.330	-.032	.228	-.168 -.322

(b) Technical Group

Factor No.	Interest Areas				
	Fine Arts	Technical	Commerce	Agriculture	Humanities Science
K1	-.436	.813	-.491	-.372	-.652 .414
K2	.735	-.143	-.513	-.515	-.182 -.319
K3	.191	-.370	.430	-.308	-.352 .608
K4	.324	-.038	-.439	.570	.062 .505
K5	-.192	-.103	-.237	-.418	.614 .309
K6	.303	.412	.247	-.043	.197 .073

(c) Commerce Group

Factor No.	Interest Areas			
	Fine Arts	Technical	Commerce	Agriculture Humanities Science
K1	.610	-.595	-.529	-.189 .735 -.349
K2	-.360	-.543	.726	-.567 .064 -.346
K3	.018	.055	-.072	-.613 .185 .771
K4	.615	.213	.081	-.409 -.490 -.223
K5	-.215	.526	-.100	-.262 .311 -.324
K6	.273	.165	.412	.176 .292 .090

(d) Agriculture Group

Factor No.	Interest Areas				
	Fine Arts	Technical	Commerce	Agriculture	Humanities Science
K1	-.398	.688	.168	-.328	-.512 .770
K2	-.638	-.154	-.608	.738	-.273 .082
K3	-.226	-.276	.616	.079	-.569 -.349
K4	-.353	.469	.369	.305	.488 -.227
K5	.489	.378	-.024	.387	-.286 -.105
K6	.142	.254	.294	.313	.144 .465

(e) Humanities Group

Factor No.	Interest Areas				
	Fine Arts	Technical	Commerce	Agriculture	Humanities Science
K1	.428	.682	-.620	.421	.550 .605
K2	-.522	-.341	-.353	.298	.653 -.410
K3	-.648	.421	.523	.770	-.238 .191
K4	-.240	-.399	.016	-.132	.080 .656
K5	.010	.177	.437	-.246	.453 .001
K6	.261	-.224	.160	.253	.062 .394

(f) Science Group

Factor No.	Interest Areas				
	Fine Arts	Technical	Commerce	Agriculture	Humanities Science
K1	.603	-.568	.719	.057	.506 -.640
K2	.246	.568	.360	.721	-.408 -.119
K3	.015	-.118	-.042	.543	.603 .599
K4	.757	.040	-.323	-.155	-.111 .215
K5	.032	.540	.301	-.375	.338 .124
K6	-.001	-.218	.395	-.126	-.293 .394

TABLE VIII

Showing Frequency Distribution of the Sample under
Environmental Classifications

(a) F.O.x Area

F. O.						
	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
U.I.	2	15	17	2	7	5
U.C.	2	3	28	2	10	2
U.R.	7	12	30	4	13	6
R.A.	2	5	20	63	5	2
R.R.	2	2	12	8	10	2

(b) F.O. x F.T.

F. O.						
	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
F	6	2	2	2	3	2
T	2	27	10	2	8	4
C	2	5	73	3	11	2
A	2	2	7	62	5	2
H	2	2	11	3	17	2
Sc	2	2	3	2	2	6

(c) F.O. x P.D.

F. O.

	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
F	6	6	12	9	7	3
T	2	14	23	11	12	2
C	2	4	35	11	6	2
A	2	2	3	26	2	2
H	2	3	12	10	10	2
Sc	2	9	20	12	8	6

P.D.

(d) F.O. x Stream

F. O.						
	Fine Arts	Technical	Commerce	Agriculture	Humanities	Science
S	F	7	6	15	10	9
T	T	2	11	23	8	4
R	C	2	7	27	3	8
E	A	2	2	4	36	4
A	H	3	7	17	12	8
M	Sc	2	4	22	9	10

(e) Area x F.T.

Area					
	U.I.	U.C.	U.R.	R.A.	R.R.
F	3	4	3	4	3
T	16	7	23	5	2
C	17	27	25	15	12
F.T. A	2	2	6	60	10
H	7	4	11	8	7
Sc	3	3	4	5	2

(f) Area x P.D.

Area					
	U. I.	U. C.	U. R.	R. A.	R. R.
F	6	8	12	14	3
T	17	8	12	14	13
C	4	15	14	15	12
P.D. A	2	2	6	25	2
H	12	2	12	11	2
Sc	7	12	16	18	4

(g) Area x Stream

		Area				
		U. I	U. C.	U. R.	R. A.	R. R.
S	F	3	9	19	17	2
T	T	14	7	11	12	6
R	C	4	13	14	9	10
E	A	4	2	8	32	4
A	H	20	2	8	14	6
M	Sc	3	13	13	16	5

(h) F. T. x Stream

		F. T.					
		F	T	C	A	H	Sc
S	F	7	8	14	11	8	2
T	T	2	17	16	9	3	3
R	C	2	7	26	6	7	2
E	A	2	4	4	34	3	3
A	H	2	7	18	14	7	2
M	Sc	2	10	18	6	9	5

(i) F.T. x P.D.

		F. T.					
		F	T	C	A	H	Sc
	F	7	8	8	9	9	2
	T	2	20	19	15	6	2
	C	2	6	33	10	7	2
P.D.	A	2	2	3	26	2	2
	H	2	3	14	10	8	2
	Sc	2	14	19	10	5	7

(j) P.D. x Stream

		P. D.					
		F	T	C	A	H	Sc
S	F	33	2	2	2	4	7
T	T	2	37	5	2	2	2
R	C	2	5	34	2	3	4
E	A	2	6	5	27	2	8
A	H	2	5	11	2	26	4
M	Sc	2	9	3	2	2	32

(k) Consideration

Consideration			
S. P.	E.S.	S. S.	P.D.
41	41	171	47

TABLE IX
Summary of Analysis of Variance
F.O. x Area
(a) Fine Arts Interest

Source of variation	df	S.S.	M.S.	F-Ratio	Remark
Area	4	524.54	131.14	1.55	Not significant
F.O.	5	1326.55	265.31	3.14	Significant at .01
Interaction	20	2138.23	106.91	1.26	Not significant
Residual	270	22768.41	84.33		
Total	299	26757.73			

N = 300

(b) Technical Interest

Source of Variation	df	S. S.	M. S.	F-Ratio	Remarks
Area	4	624.69	156.17	2.88	Significant at .05
F.O.	5	655.56	131.11	2.41	Significant at .05
Interaction	20	1554.00	77.70	1.43	Not significant
Residual	270	14632.54	54.19		
Total	299	17466.79			

N = 300

(c) Commerce Interest

Source of variation	df	S.S.	M. S.	F-ratio	Remark
Area	4	755.45	188.86	3.29	Significant at .05
F. O.	5	777.13	155.43	2.71	Significant at .05
Interaction	20	1333.54	66.68	1.16	Not significant
Residual	270	15462.69	57.27		

Total 299 18328.80

N = 300

(d) Agriculture Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
Area	4	2762.07	690.52	11.73	Significant at .01
F. O.	5	2946.60	589.32	10.01	Significant at .01
Interaction	20	1028.03	51.40	0.87	Not significant
Residual	270	15881.48	58.82		

Total 299 22618.18

N = 300

(e) Humanities Interest

Source of variation	df	S. S.	M. S.	F-Ratio	Remark
Area	4	617.17	154.29	4.01	Significant at .01
F. O.	5	316.25	63.25	1.64	Not significant
Interaction	20	1402.62	70.13	1.82	Significant at .05
Residual	270	10376.30	38.43		
Total	299	12712.33			
N = 300					

(f) Science Interest

Source of Variation	df	S. S.	M. S.	F-ratio	Remark
Area	4	140.99	35.25	0.96	Not significant
F. O.	5	213.20	42.54	1.16	Not significant
Interaction	20	1031.02	51.55	1.41	Not significant
Residual	270	9849.90	36.48		
Total	299	11235.11			
N = 300					

TABLE X
Summary of Analysis of Variance
F.O. x F.T.

(a) Fine Arts Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
F. T.	5	1353.02	270.60	3.18	Significant at .01
F. O.	5	876.79	175.36	2.06	Not significant
Interaction	25	2356.79	94.27	1.10	Not significant
Residual	264	22458.39	85.07		
Total	299	27044.99			

N = 300

(b) Technical Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
F. T.	5	1661.38	332.28	6.28	Significant at .01
F. O.	5	269.89	53.98	1.02	Not significant
Interaction	25	1047.94	41.92	0.79	Not significant
Residual	264	13950.00	52.84		
Total	299	16929.21			

N = 300

(c) Commerce Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
F. T.	5	700.03	140.01	2.23	Not significant
F. O.	5	282.53	56.51	0.90	Not significant
Interaction	25	1224.36	48.97	0.78	Not significant
Residual	264	16557.61	62.72		
Total	299	18764.52			

N = 300

(d) Agriculture Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
F. T.	5	3432.47	686.49	11.77	Significant at .01
F. O.	5	1833.25	366.65	5.96	Significant at .01
Interaction	25	1558.16	62.33	1.01	Not significant
Residual	264	16216.46	61.43		
Total	299	23040.34			

N = 300

(e) Humanities Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
F. T.	5	131.92	26.38	0.62	Not significant
F. O.	5	223.45	44.69	1.06	Not significant
Interaction	25	1062.39	42.50	1.01	Not significant
Residual	264	11057.28	41.88		
Total	299	12475.04			

N = 300

(f) Science Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
F. T.	5	291.36	58.27	1.53	Not significant
F. O.	5	257.53	51.51	1.35	Not significant
Interaction	25	586.50	23.46	0.61	Not significant
Residual	264	10030.46	37.99		
Total	299	11165.85			

N = 300

TABLE XI

Summary of Analysis of Variance

F. O. x P. D.

(a) Fine Arts Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
P. D.	5	11969.61	2393.92	49.91	Significant at .01
F. O.	5	350.12	70.02	1.45	Not significant
Interaction	25	1760.06	70.40	1.46	Not significant
Residual	264	12662.46	47.96		
Total	299	26742.25			
=====					
N = 300					

(b) Technical Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
P. D.	5	6616.12	1323.22	38.72	Significant at .01
F. O.	5	336.45	67.29	1.96	Not significant
Interaction	25	812.90	32.52	0.95	Not significant
Residual	264	9020.13	34.17		
Total	299	16785.60			
=====					
N = 300					

(c) Commerce Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
P. D.	5	7768.18	1553.64	42.58	Significant at .01
F. O.	5	334.87	66.97	1.83	Not significant
Interaction	25	571.58	22.86	0.62	Not significant
Residual	264	9632.54	36.49		
Total	299	18307.16			

N = 300

(d) Agriculture Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
P. D.	5	10937.33	2187.47	58.94	Significant at .01
F. O.	5	11149.06	229.81	6.19	Significant at .01
Interaction	25	1173.36	46.93	1.26	Not significant
Residual	264	9796.99	37.11		
Total	299	23056.74			

N = 300

(e) Humanities Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
P. D.	5	3763.36	752.67	26.02	Significant at .01
F. O.	5	98.90	19.78	0.68	Not significant
Interaction	25	985.13	39.41	1.36	Not significant
Residual	264	7634.09	28.92		
Total	299	12481.48			

N = 300

(f) Science Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
P. D.	5	3178.39	635.68	20.78	Significant at .01
F. O.	5	242.35	48.47	1.58	Not significant
Interaction	25	795.90	31.84	1.04	Not significant
Residual	264	8073.78	30.58		
Total	299	12290.42			

N = 300

TABLE XII
Summary of Analysis of Variance
F.O. x Stream
(a) Fine Arts Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
Stream	4	2231.38	557.85	21.30	Significant at .01
F. O.	5	171.45	34.29	1.30	Not significant
Interaction	20	413.36	20.67	0.78	Not significant
Residual	220	5759.79	26.18		
Total	249	8575.98			
N = 250					

(c) Commerce Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
Stream	4	648.45	162.11	12.06	Significant at .01
F. O.	5	94.30	18.86	1.40	Not significant
Interaction	20	342.99	17.15	1.27	Not significant
Residual	220	2956.45	13.44		
Total	249	4042.19			
N = 250					

N.B.: Analysis of variance was carried out excluding the specialist group of 50 for finding out whether the main effect of stream is still significant. In such cases the N = 250 (300 - 50).

(f) Science Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
Stream	4	256474.68	64118.67	1.00	Not significant
F. O.	5	400953.86	80190.77	1.25	Not significant
Interaction	20	1278454.00	63922.70	1.00	Not significant
Residual	220	14006022.00	63663.74		
Total	249	15941903.00			
N = 250					

TABLE XIII
Summary of Analysis of Variance
Area x F. T.
(a) Fine Arts Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
Area	4	299.11	74.78	0.89	Not significant
F. T.	5	2236.14	447.23	5.35	Significant at .01
Interaction	20	2070.66	103.53	1.24	Not significant
Residual	270	22539.80	83.48		
Total	299	27145.72			
N = 300					

(c) Commerce Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
Area	4	690.24	172.56	2.99	Significant at .05
F. T.	5	396.01	79.20	1.37	Not significant
Interaction	20	1502.15	75.11	1.30	Not significant
Residual	270	15562.88	57.64		
Total	299	18151.27			
N = 300					

(f) Science Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
Area	4	206.99	51.75	1.42	Not signi- ficant
F. T.	5	386.84	77.37	2.13	Not signi- ficant
Interaction	20	848.08	42.40	1.17	Not signi- ficant
Residual	270	9776.13	36.21		
Total	299	11218.04			
=====					
N = 300					

TABLE XIV

Summary of Analysis of Variance

Area x P. D.

(a) Fine Arts Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
Area	4	484.19	121.05	2.45	Significant at .05
P. D.	5	11984.57	2396.91	48.52	Significant at .01
Interaction	20	1175.26	58.76	1.18	Not significant
Residual	270	13336.45	49.39		
Total	299	26980.47			
=====					
N = 300					

(c) Commerce Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
Area	4	895.47	223.87	6.18	Significant at .01
P. D.	5	7282.77	1456.55	40.22	Significant at .01
Interaction	20	767.90	38.40	1.06	Not significant
Residual	270	9775.90	36.21		
Total	299	18722.04			
=====					
N = 300					

(f) Science Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
Area	4	138.63	34.66	1.24	Not signi- ficant
P. D.	5	2868.39	573.68	20.58	Significant at .01
Interaction	20	730.56	36.53	1.31	Not signi- ficant
Residual	270	7525.60	27.87		
Total	299	11263.18			

N = 300

TABLE XV

Summary of Analysis of Variance

Area x Stream

(a) Fine Arts Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
Stream	5	19595.28	3919.06	154.73	Significant at .01
Area	4	77.33	19.33	0.76	Not significant
Interaction	20	482.88	24.14	0.95	Not significant
Residual	270	6838.47	25.33		
Total	299	26993.95			
=====					
N = 300					

(b) Technical Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
Stream	5	10603.34	2120.67	96.88	Significant at .01
Area	4	125.13	31.28	1.42	Not significant
Interaction	20	442.62	22.13	1.01	Not significant
Residual	270	5910.11	21.89		
Total	299	19075.08			
=====					
N = 300					

(c) Commerce Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
Stream	5	14097.99	2819.60	170.22	Significant at .01
Area	4	20.29	5.07	0.30	Not significant
Interaction	20	484.51	24.23	1.46	Not significant
Residual	270	4472.29	16.56		
Total	299	19075.08			
N = 300					

(d) Agriculture Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
Stream	5	17163.27	3432.65	172.51	Significant at .01
Area	4	134.09	33.52	1.68	Not significant
Interaction	20	541.13	27.06	1.35	Not significant
Residual	270	5372.35	19.90		
Total	299	23210.84			
N = 300					

(e) Humanities Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
Stream	5	6727.30	1345.46	67.71	Significant at .01
Area	4	145.48	36.37	1.83	Not significant
Interaction	20	296.82	14.84	0.74	Not significant
Residual	270	5364.37	19.87		
Total	299	12533.97			

N = 300

(f) Science Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
Stream	5	5822.89	1164.58	68.90	Significant at .01
Area	4	33.26	8.32	0.49	Not significant
Interaction	20	350.83	17.54	1.03	Not significant
Residual	270	4563.53	16.90		
Total	299	10770.51			

N = 300

TABLE XVI
Summary of Analysis of Variance
F.T. x P. D.
(a) Fine Arts Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
P. D.	5	12225.77	2445.15	51.53	Significant at .01
F. T.	5	717.26	143.45	3.02	Significant at .05
Interaction	25	1469.99	58.80	1.23	Not significant
Residual	264	12526.80	47.45		
Total	299	26939.82			
=====					
N = 300					

(c) Commerce Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
P. D.	5	7653.18	1530.64	44.63	Significant at .01
F. T.	5	111.89	22.38	0.65	Not significant
Interaction	25	1462.79	58.57	1.70	Significant at .05
Residual	264	9055.20	34.30		
Total	299	18283.06			
=====					
N = 300					

(f) Science Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
P. D.	5	2383.23	476.65	9.80	Significant at .01
F. T.	5	183.84	36.77	0.75	Not significant
Interaction	25	1327.96	53.12	1.09	Not significant
Residual	264	12827.54	48.59		
Total	299	16722.57			

N = 300

TABLE XVII
 Summary of Analysis of Variance
 F.T. x Stream
 (a) Fine Arts Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
Stream	4	2298.75	574.69	23.77	Significant at .01
F. T.	5	208.32	41.66	1.72	Not significant
Interaction	20	401.75	20.09	0.83	Not significant
Residual	220	5317.50	24.17		
Total	249	8226.32			
N = 250					

(c) Commerce Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
Stream	4	647.68	161.92	11.79	Significant at .01
F. T.	5	111.80	22.36	1.62	Not significant
Interaction	20	337.78	16.89	1.23	Not significant
Residual	220	3020.60	13.73		
Total	249	4117.87			
N = 250					

(f) Science Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
Stream	4	807.56	201.89	14.00	Significant at .01
F. T.	5	89.78	17.96	1.24	Not signi- ficant
Interaction	20	179.33	8.97	0.62	Not signi- ficant
Residual	220	3170.41	14.41		
Total	249	4247.08			

N = 250

TABLE XVIII
Summary of Analysis of Variance
P.D. x Stream

(a) Fine Arts Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
Stream	4	2298.75	574.69	23.64	Significant at .01
P. D.	5	69.21	13.84	0.56	Not significant
Interaction	20	511.26	25.56	1.05	Not significant
Residual	220	5347.10	24.31		
Total	249	8226.32			

(c) Commerce Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
Stream	4	649.16	162.29	12.25	Significant at .01
P. D.	5	74.67	14.93	1.12	Not significant
Interaction	20	445.32	22.27	1.68	Significant at .05
Residual	220	2914.41	13.25		
Total	249	4083.56			

(f) Science Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
Stream	4	847.72	211.93	14.92	Significant at .01
P. D.	5	113.83	22.77	1.60	Not significant
Interaction	20	170.68	8.53	0.60	Not significant
Residual	220	3124.64	14.20		
Total	249	4256.87			

TABLE XIX

Summary of Analysis of Variance
(Considerations)

(a) Fine Arts Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
SSB	3	969.10	323.03	4.02	Significant at .01
SSW	296	23840.75	80.54		
SST	299	24809.85			

(c) Commerce Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
SSB	3	511.877	170.62	2.64	Significant at .05
SSW	296	19157.313	64.72		
SST	299	19699.19			

(f) Science Interest

Source of variation	df	S. S.	M. S.	F-ratio	Remark
SSB	3	144.87	48.29	1.4	Not significant
SSW	296	9717.78	32.83		
SST	299	9957.42			

F. at .05 = 2.64
 .01 = 3.85