

CHAPTER NINE

SOME PERSONALITY TRAITS -

- CONSERVATIVE REFORMIST TYPE (C-R)

Conservative-reformist section is a continued part of some personality traits in continuation of the previous chapter. This section is mainly divided into five categories as mentioned below.

- (1) Social Customs (S)
- (2) Religious Practices (R)
- (3) Educational Issues (E)
- (4) Women's Status, etc. (W)
- (5) Fashions, etc. (F)

Now we shall discuss the views on the categories mentioned above one by one.

CONSERVATIVE-REFORMIST TYPE

Conservative and reformist bents of mind are closely related to the culture and personality of parents and other variables also. Home is the first and probably the most significant agent in the adjustment of any individual towards successful living. The manner in which he is handled by his parents and others during his formative years is a matter of considerable importance for the development of certain thoughts about the society, religion, education, etc. Conservative and reformist categories represent one classification of personality types. There is no strict line of demarcation between the two.

Society is a system of usages and procedures of traditions and values, of authority and mutual aid, of many groupings and divisions, of controls of human behaviour and of liberties. This ever-changing, complex system we call society. It is the web of social relationships, and it is always changing. Society exists only where social beings 'behave' towards one another in ways determined by their recognition of one another. It is often said that the family, in some form, was the first society.

A conservative attitude is usually associated with status quo position, less movement or change, more resort to tradition, having a philosophical, dogmatic or religious bent, more dependent on scriptures, little blind to reason, old introvert

outlook in social, economic, educational and other fields, practising hard and austere ways of life, following the maxim 'old is gold', subjective and strict point of view in thoughts and actions, more accepting and less critical about the old, less enduring and more censuring the new hardly compromising and adaptable.

In contrast, a reformist bent of mind is more mobile, adaptable, progressive, compromising, going with change, having new young outlook in all fields, more resort to education, objective and accepting point of view in thought and actions, being more independent, rationalist, original and extrovert, enjoying with a bright view of life.

To understand whether the pupils under study showed any of such types, a 'conservative-Reformist Scale' devised by Dr. A. S. Patel in Gujarati was used and is appended at the end of this thesis. The scale comprises of a number of statements (fifty) concerned with a variety of conservative or reformist situations in different walks of life. For scoring purposes, calculating the total scores on all statement (fifty) including a variety of social situations in diverse walks of life is neither fair nor desirable, since individuals may be conservative in one way, say in matters of religion or fashions, and yet be reformist in educational or social situations. In view of this, each category of such available situations was separately analysed in the present study. No doubt, some

statements are over-lapping, i.e. can be taken as belonging to social or religious situation or views on women or fasion. In such cases, they are included for scoring purposes in two or more categories, while some purely belong to only one category.

This section deals with five types of conservative-reformist bent of mind. They are as under.

(1) Socially Conservative-Reformist (C-R : S)

(24 statements : Nos. 1, 2, 5, 6, 8, 9, 10,
14,17,18,19,20,21,24,27,
28,30,33,34,38,39,42,44,47)

(2) Religiously Conservative-Reformist (C-R : R)

(16 statements : Nos. 2, 3, 11, 12, 13, 18, 25,
26,27, 34, 40, 42, 43, 44,
45,50).

(3) Educationally Conservative-Reformist (C-R : E)

(18 statements : Nos. 4, 5, 7, 9, 10, 13, 16,
22, 25, 33, 36, 37, 40, 41,
47, 48, 49, 50)

(4) Conservative-Reformist in matters pertaining to

thinking about status of women, sex, etc. (C-R : W)

(18 statements : Nos. 1, 4, 5, 8, 9, 10, 16, 19,
23, 24, 31, 32, 35, 36, 37,
41, 48, 49).

- (5) Conservative-Reformist in resorting to traditional or new fashions in dress, make-up, etc. (C-R : F)
(4 statements : Nos. 15, 29, 31, 46).

The data had been collected and separately analysed for all these five types. Results of general analysis have been presented in general summary sheets Nos. (C-R) 1, 2 and 3. General summary sheet No. 1 (C-R) presents mean scores on each aspect of C-R Scale as well as their percent scores for comparison on all main variables, viz. sex, birth order and family size. General summary sheet No. 2 (C-R) gives results of all sub-groups and No. 3 (C-R) reveals results of specific groups under study. Results of statistical analysis of data of these specific groups have been presented in Table Nos. (C-R) 1 to 14 together for each of five aspects of C-R Scale for comparison.

(1) Socially Conservative-Reformist (C-R : S)

Socially conservative or reformist are those who exhibit such trend of thinking or opinions on social situations such as customs, marriage, caste system, place of Harijans, (untouchables) or the backward, social ways of living, etc. A number of such statements (twenty-four) on the scale were separated out for purpose of scoring and analysis. The higher the score, the greater the trend towards being reformist in

views. The overall picture can be obtained by reading the general summary sheet Nos. (C-R : S) 1, 2 and 3.

To test statistically whether the sex, birth order and family sizes were in any way related to socially conservative reformist bent of mind of subjects of the different ordinal positions, the scores on responses to socially conservative-reformist statements were subjected to the F-Test and LSD Test as shown in earlier chapters, and results have been summarised in Tables (C-R : S) 1 to 14 and discussed, following the same pattern as in earlier discussion.

(2) Religiously Conservative-Reformist (C-R : R)

Conservative or reformist under this category are those who hold such views in matters pertaining to religion as well as religious, traditional (rather than scientific) ways in conduct of life, e.g. attendance at religious places, temples, etc. blind faith in religious prescriptions, observing religious fast, views on ways of manifestation of favour or fury of gods and goddesses through spread of rewards or diseases, etc. The responses to such statements (sixteen) were separated out and summarized. The higher the score, the greater the trend towards being a reformist in views. The overall picture can be had from general summary sheet Nos. (C-R : R) 1, 2 and 3.

To test statistically whether the sex, birth order and family size variables were independent of or related to religiously conservative-reformist bent of mind of the pupils, the scores on such statements were again subjected to adequate statistical techniques and the results have summarized in Tables (C-R : R) 1 to 14 and discussed as usual.

(3) Educationally Conservative-Reformist (C-R : E)

Educationally conservative-reformist are those who would have such views on matters of education, e.g. views on college education, co-education, education for girls, participation in fine arts, politics, etc, love marriages, family planning, etc. and views on social gatherings.

The scores on responses to these statements (eighteen) were separated and computed. The higher the score, the greater the trend towards being a reformist in views. The overall picture is presented in general summary sheet Nos. (C-R : E) 1, 2 and 3.

To test statistically whether the sex, birth order and family sizes were in any way related to conservative-reformist bent of mind in matters of educational thinking of the pupils, these scores were subjected to the adequate statistical tests and results have been summarized in Tables (C-R : E) 1 to 14 and discussed as usual.

(4) Conservative-Reformist in Matters Pertaining to Thinking About Status of Women, sex, etc. (C - R : W)

A number of statements (eighteen) particularly in the category of social and educational situations reflect also conservative-reformist trend in views on status of women, sex, etc.; such statements (over-lapping with other categories) were also separately scored and analysed to study the differences in views pertaining specifically to status of women, sex, education of women, employment of women, etc. The higher the score, the greater the trend towards being reformist in view. The overall picture is presented in general summary sheet Nos. (C-R : W) 1, 2 and 3.

To test statistically whether the sex, birth order or family size is in any way related to conservative-reformist mind in this respect, the scores on these issues were subjected to usual statistical techniques. Results have been summarized in different Tables (C-R : W) 1 to 14 and analysed as usual.

(5) Conservative-Reformist in Resorting to Traditional Ways or New Fashions in Dress, Make-up, etc. (C - R : F)

Finally, a few statements (four) in the category of situations pertaining to social views, educational thinking or matters pertaining to women referred particularly to the

views of fashions and items of make-up by ladies, e.g. use of tight-fitting, transparent clothes, short blouse, lip-strick and cosmetics, etc. Such over-lapping statements were specifically separated out to study the views of these subjects on such matters of fashion, make-up, etc. Responses were accordingly scored and summarized separately. The higher the score, the greater the leaning towards new fashions. The overall picture is presented in general summary sheet Nos. (C-R : F) 1, 2 and 3.

To test statistically whether sex, birth order and family size were related to conservative-reformist mind in matters of fashion, the scores on these statements were treated with the statistical technique of analysis of variance. The results have been summarized in different tables (C-R : F) 1 to 14 and discussed as usual.

For purpose of comparison, all the tables showing the results of these five types of conservative-reformist bent have been arranged together and findings have been discussed simultaneously in the sections below. The general summary sheet Nos. 1, 2 and 3 give a general picture and Tables 1 to 14 present specific findings.

SUMMARY SHEET NO. 1 (C-R)

Showing the mean scores and percent scores of main groups on Conservative-Reformist Scale pertaining to various aspects, viz. Social (S), Religious (R), Educational (E), Women (W), and Fashions (F)

| Main Variables | No. | (C - R : S) | | (C - R : R) | | (C - R : E) | | (C - R : W) | | (C - R : F) | |
|-----------------------|------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|
| | | Mean | Per- | Mean | Per- | Mean | Per- | Mean | Per- | Mean | Per- |
| | | Max.24 cent | Max.16 cent | Max.18 cent | Max.4 cent | Max.4 cent |
| A. Sex | | | | | | | | | | | |
| Boys | 735 | 12.85 | 53.54 | 8.14 | 50.87 | 11.08 | 61.55 | 9.02 | 51.11 | 1.56 | 39.00 |
| Girls | 701 | 12.50 | 52.08 | 10.72 | 67.00 | 10.47 | 58.17 | 12.24 | 68.00 | 2.33 | 58.25 |
| B. Birth Order | | | | | | | | | | | |
| I First Born | 500 | 14.78 | 61.58 | 9.82 | 61.37 | 11.68 | 64.89 | 11.01 | 61.17 | 1.84 | 46.00 |
| II Second Born | 308 | 12.23 | 50.96 | 9.27 | 58.00 | 11.94 | 66.33 | 11.93 | 66.17 | 2.05 | 51.25 |
| III Middle Born | 332 | 10.36 | 43.17 | 9.64 | 60.25 | 9.17 | 51.00 | 10.34 | 57.44 | 1.98 | 49.50 |
| IV Last Born | 296 | 12.22 | 50.92 | 8.91 | 55.69 | 9.89 | 55.00 | 9.82 | 54.55 | 1.92 | 48.00 |
| C. Family Size | | | | | | | | | | | |
| F-1 | 100 | 14.67 | 61.12 | 9.23 | 57.69 | 10.85 | 66.28 | 12.17 | 67.61 | 1.55 | 38.75 |
| F-2 | 183 | 14.15 | 59.00 | 9.19 | 57.44 | 10.55 | 58.61 | 10.50 | 58.33 | 2.29 | 57.25 |
| F-3 | 190 | 13.67 | 57.00 | 9.02 | 56.37 | 12.46 | 69.11 | 10.60 | 58.89 | 2.06 | 51.50 |
| F4 | 313 | 12.37 | 51.54 | 9.73 | 60.81 | 10.37 | 57.61 | 10.25 | 57.00 | 1.82 | 45.50 |
| F-5 | 291 | 12.77 | 53.21 | 9.31 | 58.19 | 10.88 | 60.44 | 10.20 | 56.67 | 1.90 | 47.50 |
| F-6 | 359 | 11.06 | 46.08 | 9.81 | 61.69 | 10.29 | 57.17 | 10.84 | 60.22 | 1.94 | 48.50 |
| Grand Total | 1436 | 12.68 | 52.83 | 9.41 | 58.81 | 10.79 | 59.94 | 10.59 | 58.83 | 1.94 | 48.50 |

GENERAL SUMMARY SHEET NO. 2

(C - R : S)

Showing Mean Scores of all sub-groups on Conservative-Reformatory Scale (Social)

| Sr. No. | Group | Description of the Group | Code No. | Boys | | Girls | | Total | |
|---------|-------|--------------------------|----------|------------|--------------|------------|--------------|------------|--------------|
| | | | | No. | Mean | No. | Mean | No. | Mean |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1. | I | Only Child | F1 | 50 | 16.86 | 50 | 12.48 | 100 | 14.67 |
| 2. | I | First Born | F2MS | 50 | 14.10 | 50 | 12.64 | 100 | 13.37 |
| 3. | | -do- | F2SS | 10 | 15.90 | 10 | 12.60 | 20 | 14.25 |
| 4. | | -do- | F3MS | 25 | 13.72 | 25 | 16.68 | 50 | 15.20 |
| 5. | | -do- | F3SS | 10 | 15.10 | 10 | 12.70 | 20 | 13.90 |
| 6. | | -do- | F4MS | 25 | 13.76 | 25 | 16.68 | 50 | 15.22 |
| 7. | | -do- | F4SS | 10 | 15.70 | 10 | 14.50 | 20 | 15.10 |
| 8. | | -do- | F5MS | 25 | 15.20 | 25 | 15.76 | 50 | 15.46 |
| 9. | | -do- | F5SS | 10 | 18.90 | 10 | 12.80 | 20 | 15.85 |
| 10. | | -do- | F6MS | 25 | 15.20 | 25 | 15.76 | 50 | 15.48 |
| 11. | | -do- | F6SS | 10 | 18.00 | 10 | 15.60 | 20 | 16.80 |
| | | | | <u>250</u> | <u>15.32</u> | <u>250</u> | <u>14.23</u> | <u>500</u> | <u>14.78</u> |
| 12. | II | Second Born | F3 | 31 | 13.06 | 41 | 12.12 | 72 | 12.53 |
| 13. | | -do- | F4MS | 31 | 13.90 | 31 | 10.67 | 62 | 12.29 |
| 14. | | -do- | F4SS | 36 | 12.97 | 36 | 11.08 | 72 | 12.03 |
| 15. | | -do- | F5 | 27 | 15.77 | 26 | 13.80 | 53 | 14.81 |
| 16. | | -do- | F6 | 25 | 10.28 | 24 | 8.08 | 49 | 9.20 |
| | | | | <u>150</u> | <u>13.24</u> | <u>158</u> | <u>11.26</u> | <u>308</u> | <u>12.23</u> |

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Summary Sheet No. 2 contd...

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----|-----|-------------|-------|-----|-------|-----|-------|------|-------|
| 17. | III | Middle Born | F4iii | 30 | 11.10 | 30 | 12.80 | 60 | 11.95 |
| 18. | | -do- | F5iii | 25 | 10.36 | 20 | 14.55 | 45 | 12.22 |
| 19. | | -do- | F5iv | 30 | 8.73 | 20 | 12.50 | 50 | 10.26 |
| 20. | | -do- | F6iii | 25 | 9.88 | 20 | 10.40 | 45 | 10.11 |
| 21. | | -do- | F6iv | 22 | 9.90 | 20 | 9.70 | 42 | 9.81 |
| 22. | | -do- | F6v | 45 | 9.40 | 45 | 8.20 | 90 | 8.80 |
| | | | | --- | ----- | --- | ----- | --- | ----- |
| | | | | 177 | 9.84 | 155 | 10.94 | 332 | 10.36 |
| 23. | IV | Last Born | F2 | 32 | 14.28 | 31 | 16.45 | 63 | 15.35 |
| 24. | | -do- | F3 | 27 | 14.40 | 21 | 12.76 | 48 | 13.69 |
| 25. | | -do- | F4 | 25 | 9.56 | 24 | 9.37 | 49 | 9.47 |
| 26. | | -do- | F5 | 42 | 9.35 | 31 | 12.41 | 73 | 10.66 |
| 27. | | -do- | F6 | 32 | 12.84 | 31 | 10.96 | 63 | 11.92 |
| | | | | --- | ----- | --- | ----- | --- | ----- |
| | | | | 158 | 11.95 | 138 | 12.52 | 296 | 12.22 |
| | | Grand Total | | 735 | 12.85 | 701 | 12.50 | 1436 | 12.68 |

GENERAL SUMMARY SHEET NO. 2

(C - R : R)

Showing Mean Scores of all Sub-groups on Conservative-Reformist Scale (Religious)

| Sr. No. | Group | Description of the Group | Code No. | Boys | | Girls | | Total | |
|---------|-------|--------------------------|----------|------|-------|-------|-------|-------|-------|
| | | | | No. | Mean | No. | Mean | No. | Mean |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1. | I | Only Child | F1 | 50 | 9.30 | 50 | 9.16 | 100 | 9.23 |
| 2. | I | First Born | F2MS | 50 | 6.78 | 50 | 11.36 | 100 | 9.07 |
| 3. | | -do- | F2SS | 10 | 10.10 | 10 | 9.10 | 20 | 9.98 |
| 4. | | -do- | F3MS | 25 | 9.48 | 25 | 10.44 | 50 | 9.96 |
| 5. | | -do- | F3SS | 10 | 7.60 | 10 | 10.80 | 20 | 9.20 |
| 6. | | -do- | F4MS | 25 | 9.52 | 25 | 10.48 | 50 | 10.00 |
| 7. | | -do- | F4SS | 10 | 8.80 | 10 | 10.80 | 20 | 9.80 |
| 8. | | -do- | F5MS | 25 | 10.00 | 25 | 11.72 | 50 | 11.86 |
| 9. | | -do- | F5SS | 10 | 11.30 | 10 | 9.60 | 20 | 10.45 |
| 10. | | -do- | F6MS | 25 | 10.04 | 25 | 11.72 | 50 | 10.88 |
| 11. | | -do- | F6SS | 10 | 10.40 | 10 | 11.10 | 20 | 10.75 |
| | | | | 250 | 9.05 | 250 | 10.59 | 500 | 9.82 |
| 12. | II | Second Born | F3 | 31 | 5.16 | 41 | 10.56 | 72 | 8.23 |
| 13. | | -do- | F4MS | 31 | 8.67 | 31 | 12.58 | 62 | 10.62 |
| 14. | | -do- | F4SS | 36 | 7.77 | 36 | 11.75 | 72 | 9.76 |
| 15. | | -do- | F5 | 27 | 7.11 | 26 | 11.28 | 53 | 9.15 |
| 16. | | -do- | F6 | 25 | 8.88 | 24 | 8.17 | 49 | 8.53 |
| | | | | 150 | 7.48 | 158 | 10.98 | 308 | 9.27 |

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| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----|-----|-------------|-------|------------|-------------|------------|--------------|------------|-------------|
| 17. | III | Middle Born | F4iii | 30 | 8.70 | 30 | 10.23 | 60 | 9.46 |
| 18. | | -do- | F5iii | 25 | 7.24 | 20 | 9.10 | 45 | 8.29 |
| 19. | | -do- | F5iv | 30 | 5.53 | 20 | 13.05 | 50 | 8.54 |
| 20. | | -do- | F6iii | 25 | 10.04 | 20 | 13.35 | 45 | 11.51 |
| 21. | | -do- | F6iv | 22 | 9.59 | 20 | 10.15 | 42 | 9.85 |
| 22. | | -do- | F6v | 45 | 8.64 | 45 | 11.64 | 90 | 10.14 |
| | | | | <u>177</u> | <u>8.24</u> | <u>155</u> | <u>11.25</u> | <u>332</u> | <u>9.64</u> |
| 23. | IV | Last Born | F2 | 32 | 8.18 | 31 | 10.38 | 63 | 9.26 |
| 24. | | -do- | F3 | 27 | 8.66 | 21 | 9.76 | 48 | 9.14 |
| 25. | | -do- | F4 | 25 | 6.36 | 24 | 10.50 | 49 | 8.39 |
| 26. | | -do- | F5 | 42 | 6.50 | 31 | 13.22 | 73 | 9.35 |
| 27. | | -do- | F6 | 32 | 6.71 | 31 | 9.90 | 63 | 8.28 |
| | | | | <u>158</u> | <u>7.23</u> | <u>138</u> | <u>10.84</u> | <u>296</u> | <u>8.11</u> |
| | | Grand Total | | 735 | 8.14 | 701 | 10.72 | 1436 | 9.41 |

SUMMARY SHEET NO. 2 (C-R:E)

Showing Mean Scores of all Sub-groups on Conservative-Reformist Scale
(Educational)

| Sr. No. | Group | Description of the Group | Code No. | Boys | | Girls | | Total | |
|---------|-------|--------------------------|----------|------|-------|-------|-------|-------|-------|
| | | | | No. | Mean | No. | Mean | No. | Mean |
| 1. | I | Only Child | F1 | 50 | 11.92 | 50 | 9.78 | 100 | 10.85 |
| 2. | | First-Born | F2MS | 50 | 11.20 | 50 | 9.72 | 100 | 10.46 |
| 3. | | -do- | F2SS | 10 | 11.80 | 10 | 9.70 | 20 | 10.75 |
| 4. | | -do- | F3MS | 25 | 12.00 | 25 | 12.80 | 50 | 12.40 |
| 5. | | -do- | F3SS | 10 | 11.80 | 10 | 9.00 | 20 | 10.40 |
| 6. | | -do- | F4MS | 25 | 12.00 | 25 | 12.80 | 50 | 12.42 |
| 7. | | -do- | F4SS | 10 | 11.20 | 10 | 10.10 | 20 | 10.65 |
| 8. | | -do- | F5MS | 25 | 13.52 | 25 | 13.20 | 50 | 13.26 |
| 9. | | -do- | F5SS | 10 | 14.70 | 10 | 9.70 | 20 | 12.20 |
| 10. | | -do- | F6MS | 25 | 13.56 | 25 | 13.24 | 50 | 13.40 |
| 11. | | -do- | F6SS | 10 | 13.90 | 10 | 11.30 | 20 | 12.60 |
| | | | | 250 | 12.27 | 250 | 11.09 | 500 | 11.68 |
| 12. | II | Second Born | F3 | 31 | 14.12 | 41 | 12.92 | 72 | 13.44 |
| 13. | | -do- | F4MS | 31 | 13.83 | 31 | 12.22 | 62 | 13.03 |
| 14. | | -do- | F4SS | 36 | 10.30 | 36 | 12.19 | 72 | 11.25 |
| 15. | | -do- | F5 | 27 | 11.18 | 26 | 11.50 | 53 | 11.34 |
| 16. | | -do- | F6 | 25 | 10.72 | 24 | 9.25 | 49 | 10.00 |
| | | | | 150 | 12.05 | 158 | 11.83 | 308 | 11.94 |

contd.....

Summary Sheet No. 2 (C-R:E) contd....

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----|-----|-------------|-------|------------|--------------|------------|-------------|------------|-------------|
| 17. | III | Middle Born | F4iii | 30 | 7.06 | 30 | 7.00 | 60 | 7.03 |
| 18. | | -do- | F5iii | 25 | 9.16 | 20 | 11.35 | 45 | 10.13 |
| 19. | | -do- | F5iv | 30 | 6.70 | 20 | 12.10 | 50 | 8.86 |
| 20. | | -do- | F6iii | 25 | 10.36 | 20 | 11.25 | 45 | 10.76 |
| 21. | | -do- | F6iv | 22 | 11.50 | 20 | 8.90 | 42 | 10.26 |
| 22. | | -do- | F6v | 45 | 9.86 | 45 | 8.06 | 90 | 8.97 |
| | | | | <u>177</u> | <u>9.02</u> | <u>155</u> | <u>9.32</u> | <u>332</u> | <u>9.17</u> |
| 23. | IV | Last Born | F2 | 32 | 9.93 | 31 | 11.35 | 63 | 10.63 |
| 24. | | -do- | F3 | 27 | 14.59 | 21 | 8.42 | 48 | 11.90 |
| 25. | | -do- | F4 | 25 | 8.36 | 24 | 6.79 | 49 | 7.59 |
| 26. | | -do- | F5 | 42 | 10.30 | 31 | 10.38 | 73 | 10.34 |
| 27. | | -do- | F6 | 32 | 9.96 | 31 | 7.77 | 63 | 8.89 |
| | | | | <u>158</u> | <u>10.58</u> | <u>138</u> | <u>9.09</u> | <u>296</u> | <u>9.89</u> |
| | | Grand Total | | 735 | 11.08 | 701 | 10.47 | 1436 | 10.79 |

SUMMARY SHEET NO. 2 (C-R:W)

Showing Mean Scores of all Sub-groups on Conservative-Reformist Scale
(Women's Status, etc.)

| Sr. No. | Group | Description of the Group | Code No. | Boys | | Girls | | Total | |
|---------|-------|--------------------------|----------|------|-------|-------|-------|-------|-------|
| | | | | No. | Mean | No. | Mean | No. | Mean |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1. | I | Only Child | F1 | 50 | 10.46 | 50 | 13.88 | 100 | 12.17 |
| 2. | I | First Born | F2MS | 50 | 8.52 | 50 | 12.80 | 100 | 10.66 |
| 3. | | -do- | F2SS | 10 | 8.50 | 10 | 9.20 | 20 | 8.85 |
| 4. | | -do- | F3MS | 25 | 8.56 | 25 | 11.88 | 50 | 10.22 |
| 5. | | -do- | F3SS | 10 | 7.60 | 10 | 10.10 | 20 | 8.85 |
| 6. | | -do- | F4MS | 25 | 8.56 | 25 | 11.88 | 50 | 10.22 |
| 7. | | -do- | F4SS | 10 | 8.00 | 10 | 10.90 | 20 | 9.45 |
| 8. | | -do- | F5MS | 25 | 10.16 | 25 | 15.00 | 50 | 12.58 |
| 9. | | -do- | F5SS | 10 | 8.50 | 10 | 11.10 | 20 | 9.80 |
| 10. | | -do- | F6MS | 25 | 10.16 | 25 | 15.04 | 50 | 12.60 |
| 11. | | -do- | F6SS | 10 | 8.20 | 10 | 12.30 | 20 | 10.25 |
| | | | | 250 | 19.17 | 250 | 12.96 | 500 | 11.01 |
| 12. | II | Second Born | F3 | 31 | 9.67 | 41 | 18.29 | 72 | 12.03 |
| 13. | | -do- | F4MS | 31 | 12.64 | 31 | 12.58 | 62 | 12.61 |
| 14. | | -do- | F4SS | 36 | 9.33 | 36 | 12.25 | 72 | 10.79 |
| 15. | | -do- | F5 | 27 | 9.59 | 26 | 10.48 | 53 | 10.22 |
| 16. | | -do- | F6 | 25 | 6.48 | 24 | 9.56 | 49 | 8.28 |
| | | | | 150 | 9.66 | 158 | 12.80 | 308 | 10.93 |

contd.....

Summary Sheet No. 2 (C-R:W) contd....

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----|-----|-------------|-------|-----|-------|-----|-------|------|-------|
| 17. | III | Middle Born | F4iii | 30 | 8.16 | 30 | 8.86 | 60 | 8.51 |
| 18. | | -do- | F5iii | 25 | 7.28 | 20 | 9.92 | 45 | 9.55 |
| 19. | | -do- | F5iv | 30 | 6.30 | 20 | 8.90 | 50 | 9.12 |
| 20. | | -do- | F6iii | 25 | 10.00 | 20 | 14.04 | 45 | 13.35 |
| 21. | | -do- | F6iv | 22 | 10.50 | 20 | 10.50 | 42 | 11.00 |
| 22. | | -do- | F6v | 45 | 9.80 | 45 | 11.82 | 90 | 10.81 |
| | | | | --- | ----- | --- | ----- | --- | ----- |
| | | | | 177 | 8.68 | 155 | 10.70 | 332 | 10.34 |
| 23. | IV | Last Born | F2 | 32 | 9.03 | 31 | 12.18 | 63 | 10.78 |
| 24. | | -do- | F3 | 27 | 9.40 | 21 | 7.59 | 48 | 9.56 |
| 25. | | -do- | F4 | 25 | 6.44 | 24 | 11.04 | 49 | 8.91 |
| 26. | | -do- | F5 | 42 | 8.76 | 31 | 8.26 | 73 | 9.79 |
| 27. | | -do- | F6 | 32 | 8.84 | 31 | 10.50 | 63 | 9.82 |
| | | | | --- | ----- | --- | ----- | --- | ----- |
| | | | | 158 | 8.57 | 138 | 9.83 | 296 | 9.82 |
| | | Grand Total | | 735 | 9.02 | 701 | 12.24 | 1436 | 10.59 |

SUMMARY SHEET NO. 2 (C-R:F)

Showing Mean Scores of all Sub-groups on Conservative-Reformist Scale
(Fashions, etc.)

| Sr. No. | Group | Description of the Group | Code No. | Boys | | Girls | | Total | |
|---------|-------|--------------------------|----------|------|------|-------|------|-------|------|
| | | | | No. | Mean | No. | Mean | No. | Mean |
| 1. | I | Only Child | F1 | 50 | 1.54 | 50 | 1.56 | 100 | 1.55 |
| 2. | I | First Born | F2MS | 50 | 2.30 | 50 | 2.68 | 100 | 2.49 |
| 3. | | -do- | F2SS | 10 | 1.70 | 10 | 1.30 | 20 | 1.50 |
| 4. | | -do- | F3MS | 25 | 1.20 | 25 | 1.92 | 50 | 1.56 |
| 5. | | -do- | F3SS | 10 | 1.90 | 10 | 1.10 | 20 | 1.50 |
| 6. | | -do- | F4MS | 25 | 1.20 | 25 | 1.96 | 50 | 1.56 |
| 7. | | -do- | F4SS | 10 | 1.80 | 10 | 2.00 | 20 | 1.90 |
| 8. | | -do- | F5MS | 25 | 1.16 | 25 | 2.40 | 50 | 1.78 |
| 9. | | -do- | F5SS | 10 | 2.50 | 10 | 1.50 | 20 | 2.00 |
| 10. | | -do- | F6MS | 25 | 1.16 | 25 | 2.40 | 50 | 1.78 |
| 11. | | -do- | F6SS | 10 | 2.60 | 10 | 2.10 | 20 | 2.30 |
| | | | | 250 | 1.66 | 250 | 2.03 | 500 | 1.84 |
| 12. | II | Second Born | F3 | 31 | 1.74 | 41 | 3.24 | 72 | 2.59 |
| 13. | | -do- | F4MS | 31 | .087 | 31 | 2.16 | 62 | 1.51 |
| 14. | | -do- | F4SS | 36 | 1.75 | 36 | 2.63 | 72 | 2.19 |
| 15. | | -do- | F5 | 27 | 1.85 | 26 | 2.69 | 53 | 2.26 |
| 16. | | -do- | F6 | 25 | 1.28 | 24 | 1.75 | 49 | 1.51 |
| | | | | 150 | 1.50 | 158 | 2.57 | 308 | 2.05 |

contd....

Summary Sheet No. 2 (C-R:F) contd....

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----|-----|-------------|-------|-----|------|-----|------|------|------|
| 17. | III | Middle Born | F4iii | 30 | 1.50 | 30 | 2.66 | 60 | 2.08 |
| 18. | | -do- | F5iii | 25 | 1.68 | 20 | 2.10 | 45 | 1.87 |
| 19. | | -do- | F5iv | 30 | 1.06 | 20 | 2.40 | 50 | 1.60 |
| 20. | | -do- | F6iii | 25 | 1.64 | 20 | 3.45 | 45 | 2.55 |
| 21. | | -do- | F6iv | 22 | 1.50 | 20 | 1.60 | 42 | 1.54 |
| 22. | | -do- | F6v | 45 | 1.62 | 45 | 2.62 | 90 | 2.12 |
| | | | | --- | --- | --- | --- | --- | --- |
| | | | | 177 | 1.53 | 155 | 2.50 | 332 | 1.98 |
| 23. | IV | Last Born | F2 | 32 | 1.71 | 31 | 2.74 | 63 | 2.22 |
| 24. | | -do- | F3 | 27 | 1.51 | 21 | 2.66 | 48 | 2.02 |
| 25. | | -do- | F4 | 25 | 1.40 | 24 | 1.70 | 49 | 1.55 |
| 26. | | -do- | F5 | 42 | 1.50 | 31 | 2.45 | 73 | 1.90 |
| 27. | | -do- | F6 | 32 | 1.37 | 31 | 2.38 | 63 | 1.87 |
| | | | | --- | --- | --- | --- | --- | --- |
| | | | | 158 | 1.50 | 138 | 2.40 | 296 | 1.92 |
| | | Grand Total | | 735 | 1.56 | 701 | 2.33 | 1436 | 1.94 |

SUMMARY SHEET NO. 3 (C-R:S)

Showing Mean Scores on Conservative-Reformist Scale (Social) for
Groups Under Study

| Groups | Boys | | Girls | | Total | |
|--|------|-------|-------|-------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| I All Boys Vs. All Girls | 735 | 12.85 | 701 | 12.50 | 1436 | 12.68 |
| II First Born Vs. Other Later Born | 500 | 14.78 | 936 | 11.56 | 1436 | 12.68 |
| III Only Child Vs. Other First Born | 100 | 14.67 | 400 | 14.80 | 500 | 14.78 |
| IV Only Child Vs. Other First Boys | 50 | 16.86 | 200 | 14.94 | 250 | 15.32 |
| V Only Child Vs. Other First Girls | 50 | 12.48 | 200 | 14.67 | 250 | 14.23 |
| VI First Born Vs. First Born of Middle Sex of Same Sex | 300 | 14.68 | 100 | 15.18 | 400 | 14.80 |
| VII Only Child Vs. Later Born (Excluding First Born) | 100 | 14.67 | 936 | 11.56 | 1036 | 11.86 |
| VIII First Born Vs. Last Born (Youngest) | 500 | 14.78 | 296 | 12.22 | 796 | 13.82 |
| IX Last Born Vs. Second Born & (Youngest) Middle Born | 296 | 12.22 | 640 | 11.25 | 936 | 11.56 |
| X Last Born Vs. Only Child | 296 | 12.22 | 100 | 14.67 | 396 | 12.84 |
| XI First Born Vs. First Born Boys | 250 | 15.32 | 250 | 14.23 | 500 | 14.78 |
| XII Second Born Vs. Second Born Boys | 150 | 13.24 | 158 | 11.26 | 308 | 12.23 |
| XIII Middle Born Vs. Middle Born Boys | 177 | 9.84 | 155 | 10.94 | 332 | 10.36 |
| XIV Last Born Vs. Last Born Boys | 158 | 11.95 | 138 | 12.52 | 296 | 12.22 |

SUMMARY SHEET NO. 3 (C-R:R)

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Showing Mean Scores on Conservative-Reformist (Religious) Scale for
Specific Groups Under Study

| Groups | Boys | | Girls | | Total | |
|--|------|------|-------|-------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| I All Boys Vs. All Girls | 735 | 8.14 | 701 | 10.72 | 1436 | 9.41 |
| II First Born Vs. Other Later Born | 500 | 9.82 | 936 | 9.29 | 1436 | 9.41 |
| III Only Child Vs. Other First Born | 100 | 9.23 | 400 | 9.97 | 500 | 9.82 |
| IV Only Child Vs. Other First Boys | 50 | 9.20 | 200 | 8.98 | 250 | 9.05 |
| V Only Child Vs. Other First Girls | 50 | 9.16 | 200 | 10.95 | 250 | 10.59 |
| VI First Born of Middle Sex Vs. First Born of Same Sex | 300 | 9.97 | 100 | 9.96 | 400 | 9.97 |
| VII Only Child Vs. Later Born (Excluding First Born) | 100 | 9.23 | 936 | 9.29 | 1036 | 9.28 |
| VIII First Born Vs. Last Born (Youngest) | 500 | 9.82 | 296 | 9.53 | 796 | 9.48 |
| IX Last Born Vs. Second Born & (Youngest) Middle Born | 296 | 9.53 | 640 | 9.47 | 936 | 9.29 |
| X Last Born Vs. Only Child (Youngest) | 296 | 9.53 | 100 | 9.23 | 396 | 8.99 |
| XI First Born Vs. First Born Boys Girls | 250 | 9.05 | 250 | 10.59 | 500 | 9.82 |
| XII Second Born Vs. Second Born Boys Girls | 150 | 7.48 | 158 | 10.98 | 308 | 9.27 |
| XIII Middle Born Vs. Middle Born Boys Girls | 177 | 8.24 | 155 | 11.25 | 332 | 9.64 |
| XIV Last Born Vs. Last Born Boys Girls | 158 | 7.23 | 138 | 10.84 | 296 | 9.53 |

Showing Mean Scores on Conservative-Reformist Scale (Educational) for Specific Groups Under Study

| Groups | Boys | | Girls | | Total | |
|---|------|-------|-------|-------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| I All Boys Vs. All Girls | 735 | 11.08 | 701 | 10.47 | 1436 | 10.79 |
| II First Born Vs. Other Later Born | 500 | 11.68 | 936 | 10.30 | 1436 | 10.79 |
| III Only Child Vs. Other First Born | 100 | 10.85 | 400 | 11.89 | 500 | 11.68 |
| IV Only Child Vs. Other First Boys | 50 | 11.92 | 200 | 12.36 | 250 | 12.27 |
| V Only Child Vs. Other First Girls | 50 | 9.78 | 200 | 11.42 | 250 | 11.09 |
| VI First Born Vs. First Born of Middle Sex | 300 | 12.08 | 100 | 11.32 | 400 | 11.89 |
| VII Only Child Vs. Later Born (Excluding First Born) | 100 | 10.85 | 936 | 10.30 | 1036 | 10.36 |
| VIII First Born Vs. Last Born (Youngest) | 500 | 11.68 | 296 | 9.89 | 796 | 11.01 |
| IX Last Born Vs. Second Born & (Youngest) Middle Born | 296 | 9.89 | 640 | 10.50 | 936 | 10.30 |
| X Last Born Vs. Only Child (Youngest) | 296 | 9.89 | 100 | 10.85 | 396 | 10.13 |
| XI First Born Vs. First Born Boys | 250 | 12.27 | 250 | 11.09 | 500 | 11.68 |
| XII Second Born Vs. Second Born Boys | 150 | 12.05 | 158 | 11.83 | 308 | 11.94 |
| XIII Middle Born Vs. Middle Born Boys | 177 | 9.02 | 155 | 9.32 | 332 | 9.17 |
| XIV Last Born Vs. Last Born Boys | 158 | 10.58 | 138 | 9.09 | 296 | 9.89 |

Showing Mean Scores on Conservative-Reformist Scale (Women's Status)
for Specific Groups Under Study

| Groups | Boys | | Girls | | Total | |
|---|------|-------|-------|-------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| I All Boys Vs. All Girls | 735 | 8.73 | 701 | 12.24 | 1436 | 10.59 |
| II First Born Vs. Other Later Born | 500 | 11.01 | 936 | 10.69 | 1436 | 10.59 |
| III Only Child Vs. Other First Born | 100 | 12.17 | 400 | 10.72 | 500 | 11.01 |
| IV Only Child Vs. Other First Boys | 50 | 10.46 | 200 | 8.85 | 250 | 19.17 |
| V Only Child Vs. Other First Girls | 50 | 13.88 | 200 | 12.60 | 250 | 12.86 |
| VI First Born Vs. First Born of Middle Sex | 300 | 11.15 | 100 | 9.44 | 400 | 10.72 |
| VII Only Child Vs. Later Born (Excluding First Born) | 100 | 12.17 | 936 | 10.69 | 1036 | 10.54 |
| VIII First Born Vs. Last Born (Youngest) | 500 | 11.01 | 296 | 9.82 | 796 | 10.57 |
| IX Last Born Vs. Second Born & (Youngest) Middle Born | 296 | 9.82 | 640 | 10.62 | 936 | 10.69 |
| X Last Born Vs. Only Child (Youngest) | 296 | 9.82 | 100 | 12.17 | 396 | 10.41 |
| XI First Born Vs. First Born Boys | 250 | 9.17 | 250 | 12.86 | 500 | 11.01 |
| XII Second Born Vs. Second Born Boys | 150 | 9.66 | 158 | 12.80 | 308 | 10.93 |
| XIII Middle Born Vs. Middle Born Boys | 177 | 8.68 | 155 | 10.70 | 332 | 10.34 |
| XIV Last Born Vs. Last Born Boys | 158 | 8.57 | 138 | 9.83 | 296 | 9.82 |

SUMMARY SHEET NO. 3 (C-R:F)

Showing Mean Scores on Conservative-Reformist Scale (Fashions, etc.)
for Specific Groups Under Study

| Groups | Boys | | Girls | | Total | |
|---|------|------|-------|------|-------|------|
| | No. | Mean | No. | Mean | No. | Mean |
| I All Boys Vs. All Girls | 735 | 1.56 | 701 | 2.33 | 1436 | 1.94 |
| II First Born Vs. Other Later Born | 500 | 1.84 | 936 | 1.99 | 1436 | 1.94 |
| III Only Child Vs. Other First Born | 100 | 1.55 | 400 | 1.92 | 500 | 1.84 |
| IV Only Child Vs. Other First Boys | 50 | 1.54 | 200 | 1.69 | 250 | 1.66 |
| V Only Child Vs. Other First Girls | 50 | 1.56 | 200 | 2.15 | 250 | 2.03 |
| VI First Born Vs. First Born of Middle Sex | 300 | 1.94 | 100 | 1.85 | 400 | 1.92 |
| VII Only Child Vs. Later Born (Excluding First Born) | 100 | 1.55 | 936 | 1.99 | 1036 | 1.94 |
| VIII First Born Vs. Last Born (Youngest) | 500 | 1.84 | 296 | 1.92 | 796 | 1.87 |
| IX Last Born Vs. Second Born (Youngest) & Middle Born | 296 | 1.92 | 640 | 2.02 | 936 | 1.99 |
| X Last Born Vs. Only Child (Youngest) | 296 | 1.92 | 100 | 1.55 | 396 | 1.82 |
| XI First Born Vs. First Born Boys | 250 | 1.66 | 250 | 2.03 | 500 | 1.84 |
| XII Second Born Vs. Second Born Boys | 150 | 1.50 | 158 | 2.57 | 308 | 2.05 |
| XIII Middle Born Vs. Middle Born Boys | 177 | 1.53 | 155 | 2.50 | 332 | 1.98 |
| XIV Last Born Vs. Last Born Boys | 158 | 1.50 | 138 | 2.40 | 296 | 1.92 |

I. OVERALL ANALYSIS

The General Summary Sheet No. 1 (C-R) shows the mean scores on Conservative-Reformist Scale for each of five aspects separately, viz. Social (C-R:S), Religious (C-R:R), Educational (C-R:E), Women (C-R:W), and Fashions (C-R:F). All these mean scores on each aspect are presented side by side and their per cent scores are also shown along with them so that it would become easier for comparing the groups on different aspects of conservative-reformist bent of mind. The score actually represents the extent of reformist attitude, i.e. the higher the score, the more the reformist the subject is. The last row of the Sheet No. 1 (C-R) on grand total reveals that the sample under study was most reformist on educational aspect (59.94 %), other aspects in order being views on women (58.83 %), religion (58.81 %), Social customs (52.83 %), and least on fashions (48.50 %). On testing statistically the difference between pairs of percentages (t-test for percentages), it was observed that some pairs were significantly different, and this justifies that the scores on different aspects of conservative-reformist scale should be treated separately as done here. Further, Sheet No. 1 sheds light on the extent of reformist attitude of subjects under each main variable, viz. sex, birth order and family size. Let us examine in general the role of each factor.

Sex Factor

It would be seen on the whole that boys under study were more reformist on social (53.54 %) and educational (61.55) aspects than girls (52.08 % and 58.17 % respectively); however, girls were holding far more reformist views in matters of religious practices (67.00 %), views on women (68.00 %), and fashions (58.25). It is natural that girls would be more reformist than boys in matters pertaining to themselves, viz. status of women, fashions, etc. and that boys would be more reformist in matters pertaining to social customs and educational issues in view of present state of social structure and more educational advancement of boys. However, it is surprising that girls held also more reformistic views in matters of religious practices, with regard to which they are supposed to be more traditional and less resisting. Any way, girls seemed significantly far more forward in views on religious practices, women's status and fashions and were not much different (though a little less) from boys on views on social and educational aspects. Strikingly boys were not favourable in their views on fashions (39.00 %) in comparison to girls (58.25 %). It can be said in general that girls were more reformist in views than boys; this may be a reflection of girls now taking more to education or the greater expression of girls upto now more suppressed in our social structure.

Family Size

Similarly, on examining the data family size-wise in Sheet No. 1 (C-R), it is observed that top-most on reformist scale were children from F1 size (61.12 %) in social aspect, F6 in religious aspect (61.69 %), F3 in educational aspect (69.11 %), F1 in matters pertaining to women (67.61 %), and F2 in matters of fashion (57.25 %). The least reformist were F4 in social (51.54 %), F3 in religious (56.37 %), F6 in educational (57.17 %), F5 in views on women (56-67 %), and F4 in fashions (45.50 %). It may be roughly observed that the lesser size was more reformist (except F6 more reformist in religion) and that the larger size tended to be less reformist, though there was not observed any systematic trend showing relation between the family size and the reformist attitude in any one of various aspects.

This general picture of the role of the three main variables presented in Summary Sheet No. 1 (C-R) has been sub-divided for each of 27 possible sub-groups of boys and girls formed different possible family sizes at each with order position and these detailed results for each level of family size, birth order and sex can be read from Summary Sheet No. 2 (C-R) separately given for each of five aspects of conservative reformist scale, viz. C-R:S, C-R:R, C-R:E, C-R:W, and C-R:F.

Similarly, the results of 14 specific comparison^{of} groups under study have been presented in Summary Sheet No. 3 (C-R) separately for each of five aspects of C-R scale and results of the statistical analysis of the data of these 14 groups have been presented in Tables 1 to 14 (C-R). again separately for each of the five aspects of C-R Scale, but arranged together to enable the reader to make easy comparison. These results of statistical analysis of data of various aspects of reformist type have been discussed in following pages in section II devoted to discussion of results to understand the role of birth order, i.e. comparison between different birth orders, (Tables 1 - 10) and in section III assigned for discussion of results to understand the role of various family sizes at different birth order positions, i.e. comparison between different family sizes (Tables 11 - 14). The pages that follow immediately describe the section II including the results of analysis for comparison between different birth orders (Tables 1 - 10).

II. ANALYSIS FOR COMPARISON BETWEEN DIFFERENT BIRTH ORDER GROUPS

Since the main aim of the study has been to examine and compare the role of birth order position of subjects in the development of various personality traits, the data in this case also were analysed so as to study the contribution of birth order variable to the conservative-reformist bent of mind. For this purpose, the technique of analysis of variance (F-Test) as well as the L.S.D. Test, wherever convenient, was used with respect to data on conservative-reformist scale administered to the subjects of different birth orders. The results of such analysis have been presented in Tables (C-R) 1 to 10 (a), (b) and (c) for different pairs to make comparison between different birth orders, following the same pattern of presentation as in earlier cases, - (a) showing mean scores, (b) showing summary of results of analysis of variance, and (c) showing the results of L.S.D. Test wherever possible for application. Results on each comparison pair have been described with reference to findings on each of the five aspects of conservative-reformist scale, presented together for ease of comparison.

Group I : All Boys Vs. All Girls Social
 (C-R : S) Sex Vs. Birth Order

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Table 1(a) - Showing Mean Scores

| Birth Order | Boys | | Girls | | Total | |
|-------------|------|-------|-------|-------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| First-born | 250 | 15.32 | 250 | 14.23 | 500 | 14.78 |
| Second-born | 150 | 13.24 | 158 | 11.26 | 308 | 12.23 |
| Middle-born | 177 | 9.84 | 155 | 10.94 | 332 | 10.36 |
| Last-born | 158 | 11.95 | 138 | 12.52 | 296 | 12.22 |
| Total | 735 | 12.85 | 701 | 12.50 | 1436 | 12.68 |

Table 1 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|-------------|------|----------|---------|---------|------------|
| Sex | 1 | 44.52 | 44.52 | 2.05 | Not sig- |
| Birth Order | 3 | 4120.22 | 1373.40 | 63.37 | beyond.01. |
| S X O | 3 | 528.12 | 176.04 | 8.12 | Sig.at .01 |
| Within | 1428 | 30952.34 | 21.67 | | |
| Total | 1435 | 35645.20 | | | |

Table 1 (c) - Showing Results on LSD Test
 Birth Order-wise:

| Group | Boys | Girls | Total |
|-------|--------------------|-------------|-----------------|
| FB-SB | Not significant | Sig. at .05 | Not significant |
| FB-MB | Significant at.01. | Sig. at.01 | Sig. at .05 |
| FB-LB | Not significant | Not. Sig. | Not sig. |
| SB-MB | Sig. at .01 | Not sig. | Not sig. |
| SB-LB | Not sig. | Not sig. | Not sig. |
| MB-LB | sig at .05 | sig. at .05 | not sig. |

Sex-wise :

| | | | |
|--------------|-------|---|-----------|
| Among F.B. : | B - G | - | sig. .05 |
| S.B. : | B - G | - | sig..01 |
| M.B. : | B - G | - | sig..01 |
| L.B. : | B - G | - | Not. sig. |

Group I : All Boys Vs. All Girls Religion
 (C-R : a) Sex Vs. Birth Order

Table 1(a) - Showing Mean Scores

| Birth Order | Boys | | Girls | | Total | |
|-------------|------|------|-------|-------|-------|------|
| | No. | Mean | No. | Mean | No. | Mean |
| First-born | 250 | 9.05 | 250 | 10.59 | 500 | 9.82 |
| Second-born | 150 | 7.48 | 158 | 10.98 | 308 | 9.27 |
| Middle-born | 177 | 8.24 | 155 | 11.25 | 332 | 9.64 |
| Last-born | 158 | 7.23 | 138 | 10.84 | 296 | 8.91 |
| Total | 735 | 8.14 | 701 | 10.72 | 1436 | 9.41 |

Table 1 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|-------------|------|----------|---------|---------|----------------|
| Sex | 1 | 2642.17 | 2642.17 | 224.73 | sig.beyond .01 |
| Birth Order | 3 | 87.84 | 29.28 | 2.53 | not sig. |
| S X O | 3 | 292.26 | 97.42 | 8.28 | sig. at.01 |
| Within | 1428 | 16805.62 | 11.76 | | |
| Total | 1435 | 19827.89 | | | |

Table 1 (c) - Showing Results on LSD Test
 Birth Order-wise:

| Group | Boys | Girls | Total |
|-------|----------|----------|----------|
| FB-SB | sig. .05 | not sig. | not sig |
| FB-MB | Not sig. | Not sig. | Not sig. |
| FB-LB | Sig. 05 | Not Sig. | Not sig. |
| SB-MB | Not sig. | Not sig. | Not sig. |
| SB-LB | Not sig. | Not sig. | Not sig. |
| MB-LB | not sig. | Not sig. | Not sig. |

Sex-wise :

Among F.B. : B - G - Sig. 0.01
 S.B. : B - G - Sig. beyond .01
 M.B. : B - G - Sig. beyond .01
 L.B. : B - G - Sig. beyond .01

Group I : All Boys Vs. All Girls Education
(C-R : E) Sex Vs. Birth Order

Table 1(a) - Showing Mean Scores

| Birth Order | Boys | | Girls | | Total | |
|-------------|------|-------|-------|-------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| First-born | 250 | 12.27 | 250 | 11.09 | 500 | 11.68 |
| Second-born | 150 | 12.05 | 158 | 11.83 | 308 | 11.94 |
| Middle-born | 177 | 9.02 | 155 | 9.32 | 332 | 9.17 |
| Last-born | 158 | 10.58 | 138 | 9.09 | 296 | 9.89 |
| Total | 735 | 11.08 | 701 | 10.47 | 1436 | 10.79 |

Table 1 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|-------------|------|----------|--------|---------|-------------|
| Sex | 1 | 133.20 | 133.20 | 10.51 | Sig. at .01 |
| Birth Order | 3 | 1920.64 | 640.21 | 50.52 | Sig. at .01 |
| S X O | 3 | 215.00 | 71.66 | 5.65 | Sig. at .05 |
| Within | 1428 | 18106.96 | 12.67 | | |
| Total | 1435 | 20375.80 | | | |

Table 1 (c) - Showing Results on LSD Test
Birth Order-wise:

| Group | Boys | Girls | Total |
|-------|-------------|-------------|-------------|
| FB-SB | Not sig. | Not sig. | Not sig. |
| FB-MB | Sig. at .01 | Sig. at .05 | Sig. at .05 |
| FB-LB | Sig. at .05 | Sig. at .05 | Sig. at .05 |
| SB-MB | Sig. at .01 | Sig. at .05 | Sig. at .05 |
| SB-LB | Sig. at .05 | Sig. at .05 | Sig. at .05 |
| MB-LB | Not sig. | Not sig. | Not sig. |

Sex-wise :

| | | | |
|--------------|-------|---|-------------|
| Among F.B. : | B - G | - | Sig. at .01 |
| S.B. : | B - G | - | Not sig. |
| M.B. : | B - G | - | Not sig. |
| L.B. : | B - G | - | Sig. at .01 |

Group I : All Boys Vs. All Girls Women
(C-R ; W) Sex Vs. Birth Order

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Table 1(a) - Showing Mean Scores

| Birth Order | Boys | | Girls | | Total | |
|-------------|------|------|-------|-------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| First-born | 250 | 9.17 | 250 | 12.86 | 500 | 11.01 |
| Second-born | 150 | 9.66 | 158 | 12.15 | 308 | 10.93 |
| Middle-born | 177 | 8.68 | 155 | 10.70 | 332 | 10.34 |
| Last-born | 158 | 8.57 | 138 | 11.26 | 296 | 9.82 |
| Total | 735 | 9.02 | 701 | 12.24 | 1436 | 10.59 |

Table 1 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|-------------|------|----------|---------|---------|----------------|
| Sex | 1 | 4418.69 | 4418.69 | 246.43 | Sig.beyond .01 |
| Birth Order | 3 | 201.57 | 67.19 | 3.71 | Not.sig. |
| S X O | 3 | 204.66 | 68.22 | 3.80 | Not sig. |
| Within | 1428 | 25611.37 | 17.93 | | |
| Total | 1435 | 30436.29 | - | | |

Table 1 (c) - Showing Results on LSD Test
Birth Order-wise:

| Group | Boys | Girls | Total |
|-------|----------|-------------|-------------|
| FB-SB | not sig. | not sig. | not sig. |
| FB-MB | not sig. | Sig at .01 | Not sig. |
| FB-LB | Not sig. | Sig. at .01 | Sig. at .01 |
| SB-MB | Not sig. | Sig. at .01 | Not sig. |
| SB-LB | Not sig. | Sig. at .01 | Sig. at .05 |
| MB-LB | Not sig. | Not sig. | Not sig. |

Sex-wise :

Among F.B. : B - G - Sig. beyond .01
 S.B. : B - G - Sig. beyond .01
 M.B. : B - G - Sig. beyond .01
 L.B. : B - G - Sig. beyond .01

Group I : All Boys Vs. All Girls Fashion
 (C-R : F) Sex Vs. Birth Order

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Table 1(a) - Showing Mean Scores

| Birth Order | Boys | | Girls | | Total | |
|-------------|------|------|-------|------|-------|------|
| | No. | Mean | No. | Mean | No. | Mean |
| First-born | 250 | 1.66 | 250 | 2.03 | 500 | 1.84 |
| Second-born | 150 | 1.50 | 158 | 2.57 | 308 | 2.05 |
| Middle-born | 177 | 1.53 | 155 | 2.50 | 332 | 1.98 |
| Last-born | 158 | 1.50 | 138 | 2.40 | 296 | 1.92 |
| Total | 735 | 1.56 | 701 | 2.33 | 1436 | 1.94 |

Table 1 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|-------------|------|---------|--------|---------|-----------------|
| Sex | 1 | 213.06 | 213.06 | 213.06 | Sig. beyond .01 |
| Birth Order | 3 | 9.12 | 3.04 | 3.04 | Not sig. |
| S X O | 3 | 31.12 | 10.37 | 10.37 | Sig. at .01 |
| Within | 1428 | 1428.67 | 1.00 | | |
| Total | 1435 | 1681.97 | | | |

Table 1 (c) - Showing Results on LSD Test
 Birth Order-wise:

| Group | Boys | Girls | Total |
|-------|----------|-------------|-------------|
| FB-SB | Not sig. | Sig. at .01 | Sig. at .05 |
| FB-MB | Not sig. | Sig. at .05 | Not sig. |
| FB-LB | Not sig. | Sig. at .05 | Not sig. |
| SB-MB | Not sig. | Not sig. | Not sig. |
| SB-LB | Not sig. | Not sig. | Not sig. |
| MB-LB | Not sig. | Not sig. | Not sig. |

Sex-wise :

Among F.B. : B - G - Sig. beyond .01
 S.B. : B - G - Sig. beyond .01
 M.B. : B - G - Sig. beyond .01
 L.B. : B - G - Sig. beyond .01

Group II : First-Born Vs. Other Later Born (Social)
Sex Vs. Birth Order (C - R : S)

Table 2 (a) - Showing Mean Scores

| Birth Order | Boys | | Girls | | Total | |
|---------------------|------|-------|-------|-------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| First-born | 250 | 15.32 | 250 | 14.23 | 500 | 14.78 |
| Other Later born | 485 | 11.58 | 451 | 11.54 | 936 | 11.56 |
| Total | 735 | 12.85 | 701 | 12.50 | 1436 | 12.68 |

Table 2 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|-------------------|------|----------|---------|---------|----------------|
| Sex | 1 | 44.52 | 44.52 | 2.24 | Not Sig. |
| Order of Birth | 1 | 3374.92 | 3374.92 | 168.15 | Sig.beyond .01 |
| S X O | 1 | 3523.32 | 3523.32 | 58.51 | Sig. at .01 |
| Within | 1432 | 28702.44 | 20.27 | | |
| Total | 1435 | 35645.20 | | | |

Table 2 (c) - Showing Results of LSD Test

Birth Order-wise : Among Boys : F.B.-Other L.B. - Sig. at .01
Girls : -do- - Sig. at .01

Sex-wise : Among F.B. : B - G - Sig. at .05
Other
L.B. : B - G - Not Sig.

Group II : First-Born Vs. Other Later Born (Religion)
 Sex Vs. Birth Order (C - R : R)

Table 2 (a) - Showing Mean Scores

| Birth Order | Boys | | Girls | | Total | |
|---------------------|------|------|-------|-------|-------|------|
| | No. | Mean | No. | Mean | No. | Mean |
| First-born | 250 | 9.05 | 250 | 10.59 | 500 | 9.82 |
| Other Later born | 485 | 7.68 | 451 | 11.03 | 936 | 9.29 |
| Total | 735 | 8.14 | 701 | 10.87 | 1436 | 9.41 |

Table 2 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks/ |
|-------------------|------|----------|---------|---------|----------------|
| Sex | 1 | 2947.90 | 2947.90 | 362.14 | Sig.beyond .01 |
| Order of Birth | 1 | 34.87 | 34.87 | 4.27 | Not Sig. |
| S X O | 1 | 3132.78 | 3132.78 | 384.86 | Sig.beyond .01 |
| Within | 1432 | 11669.50 | 8.14 | | |
| Total | 1435 | 17785.05 | | | |

Table 2 (c) - Showing Results of LSD Test

Birth Order-wise : Among Boys : F.B.-Other L.B. - Sig. at .01
 Girls : -do- - Not Sig.

Sex-wise : Among F.B. : B - G - Sig. at .01
 Other
 L.B. : B - G - Sig. at .01

Group II : First-Born Vs. Other Later Born (Educational Thought)
Sex Vs. Birth Order (C - R : E)

Table 2 (a) - Showing Mean Scores

| Birth Order | Boys | | Girls | | Total | |
|------------------|------|-------|-------|-------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| First-born | 250 | 12.27 | 250 | 11.09 | 500 | 11.68 |
| Other Later born | 485 | 10.47 | 451 | 10.13 | 936 | 10.30 |
| Total | 735 | 11.08 | 701 | 10.47 | 1436 | 10.79 |

Table 2 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|----------------|------|----------|----------|----------|-----------------|
| Sex | 1 | 133.20 | 133.20 | 156.71 | Sig. beyond .01 |
| Order of Birth | 1 | 617.33 | 617.33 | 726.27 | Sig. beyond .01 |
| S X O | 1 | 18407.95 | 18407.95 | 21656.41 | Sig. beyond .01 |
| Within | 1432 | 1217.32 | 0.85 | | |
| Total | 1435 | 20375.80 | | | |

Table 2 (c) - Showing Results of LSD Test

Birth Order-wise : Among Boys : F.B.-Other L.B. - Sig. at .01
Girls : -do- - Sig. at .01

Sex-wise : Among F.B. : B - G - Sig. at .01
Other L.B. : B - G - Not Sig.

Group II : First-Born Vs. Other Later Born (Women's Status)
Sex Vs. Birth Order (C - R : W)

Table 2 (a) - Showing Mean Scores

| Birth Order | Boys | | Girls | | Total | |
|---------------------|------|------|-------|-------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| First-born | 250 | 9.17 | 250 | 12.86 | 500 | 11.01 |
| Other Later born | 485 | 8.95 | 451 | 11.90 | 936 | 10.37 |
| Total | 735 | 9.02 | 701 | 12.24 | 1436 | 10.59 |

Table 2 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|-------------------|------|----------|---------|---------|----------------|
| Sex | 1 | 3715.90 | 3715.90 | 240.91 | Sig.beyond .01 |
| Order of Birth | 1 | 133.90 | 133.90 | 8.68 | Sig. at .01 |
| S X O | 1 | 20.83 | 20.83 | 1.35 | Not Sig. |
| Within | 1432 | 22061.53 | 15.42 | | |
| Total | 1435 | 25932.16 | | | |

Table 2 (c) - Showing Results of LSD Test

Birth Order-wise : Among Boys : F.B.-Other L.B. - Sig. at .01
Girls : -do- - Sig. at .01

Sex-wise : Among F.B. : B - G - Sig. at .01
Other
L.B. : B - G - Sig. at .01

Group II : First-Born Vs. Other Later Born (Fashions)
Sex Vs. Birth Order (C - R : F)

Table 2 (a) - Showing Mean Scores

| Birth Order | Boys | | Girls | | Total | |
|---------------------|------|------|-------|------|-------|------|
| | No. | Mean | No. | Mean | No. | Mean |
| First-born | 250 | 1.66 | 250 | 2.03 | 500 | 1.84 |
| Other Later born | 485 | 1.51 | 451 | 2.50 | 936 | 1.99 |
| Total | 735 | 1.56 | 701 | 2.33 | 1436 | 1.93 |

Table 2 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|-------------------|------|---------|--------|---------|-----------------|
| Sex | 1 | 213.06 | 213.06 | 213.06 | Sig. beyond .01 |
| Order of Birth | 1 | 6.60 | 6.60 | 6.60 | Sig. at .01 |
| S X O | 1 | 31.64 | 31.64 | 31.64 | Sig. beyond .01 |
| Within | 1432 | 1414.67 | 1.00 | | |
| Total | 1435 | 1665.97 | | | |

Table 2 (c) - Showing Results of LSD Test

Birth Order-wise : Among Boys : F.B.-Other L.B. - Sig. at .05
Girls : -do- - Sig. at .01

Sex-wise : Among F.B. : B - G - Sig. at .01
Other
L.B. : B - G - Sig. at .01

Group III : Only Child Vs. Other First Born (C - R : S)
 Sex Vs. Birth Order (Social)

Table 3 (a) - Showing Mean Scores

| Birth Order | Boys | | Girls | | Total | |
|------------------|------|-------|-------|-------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| Only Child | 50 | 16.86 | 50 | 12.48 | 100 | 14.67 |
| Other First-born | 200 | 14.94 | 200 | 14.67 | 400 | 14.80 |
| Total | 250 | 15.32 | 250 | 14.23 | 500 | 14.78 |

Table 3 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|----------------|-----|----------|--------|---------|-------------|
| Sex | 1 | 147.96 | 147.96 | 6.00 | Sig. at .01 |
| Order of Birth | 1 | 1.51 | 1.51 | 0.07 | Not Sig. |
| S X O | 1 | 338.67 | 338.67 | 13.74 | Sig. at .01 |
| Within | 496 | 12171.66 | 24.64 | | |
| Total | 499 | 12659.80 | | | |

Table 3 (c) - Showing Results of LSD Test

Birth Order-wise : Among Boys : Only Child - Sig. at .01
 Other First Born
 Among Girls: -do- Sig. at .01

Sex-wise :

Among Only Child : B - G - Sig. at .01
 Other First-born: B - G - Not Sig.

Group III : Only Child Vs. Other First Born (C - R : R)
Sex Vs. Birth Order (Religion)

Table 3 (a) - Showing Mean Scores

| Birth Order | Boys | | Girls | | Total | |
|------------------|------|------|-------|-------|-------|------|
| | No. | Mean | No. | Mean | No. | Mean |
| Only Child | 50 | 9.30 | 50 | 9.16 | 100 | 9.23 |
| Other First-born | 200 | 8.98 | 200 | 10.95 | 400 | 9.97 |
| Total | 250 | 9.05 | 250 | 10.59 | 500 | 9.82 |

Table 3 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|----------------|-----|---------|--------|---------|----------------|
| Sex | 1 | 474.33 | 474.33 | 33.42 | Sig.beyond .01 |
| Order of Birth | 1 | 19.21 | 19.21 | 1.35 | Not Sig. |
| S X O | 1 | 136.24 | 136.24 | 9.60 | Sig. at .01 |
| Within | 496 | 7039.78 | 14.19 | | |
| Total | 499 | 7669.56 | | | |

Table 3 (c) - Showing Results of LSD Test

Birth Order-wise : Among Boys : Only Child - Not Sig.
Other First Born
Among Girls: -do- Sig. at .01

Sex-wise :

Among Only Child : B - G - Not Sig.
Other First-born: B - G - Sig. at .01

Group III : Only Child Vs. Other First Born (C - R : E)
Sex Vs. Birth Order (Educational Thought)

Table 3 (a) - Showing Mean Scores

| Birth Order | Boys | | Girls | | Total | |
|------------------|------|-------|-------|-------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| Only Child | 50 | 11.92 | 50 | 9.78 | 100 | 10.85 |
| Other First-born | 200 | 12.36 | 200 | 11.42 | 400 | 11.89 |
| Total | 250 | 12.27 | 250 | 11.09 | 500 | 11.68 |

Table 3 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|----------------|-----|---------|--------|---------|-------------|
| Sex | 1 | 172.87 | 172.87 | 14.71 | Sig. at .01 |
| Order of Birth | 1 | 86.95 | 86.95 | 7.40 | Sig. at .01 |
| S X O | 1 | 29.04 | 29.04 | 2.47 | Not Sig. |
| Within | 496 | 5828.22 | 11.75 | | |
| Total | 499 | 6117.08 | | | |

Table 3 (c) - Showing Results of LSD Test

Birth Order-wise : Among Boys : Only Child -
Other First Born - Not Sig.
Among Girls: -do- - Sig. .01

Sex-wise :

Among Only Child : B - G - Sig. at .01
Other First-born: B - G - Not Sig.

Group III : Only Child Vs. Other First Born (C - R : W)
 Sex Vs. Birth Order (Women's Status)

Table 3 (a) - Showing Mean Scores

| Birth Order | Boys | | Girls | | Total | |
|------------------|------|-------|-------|-------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| Only Child | 50 | 10.46 | 50 | 13.88 | 100 | 12.17 |
| Other First-born | 200 | 8.85 | 200 | 12.60 | 400 | 10.72 |
| Total | 250 | 9.17 | 250 | 12.86 | 500 | 11.01 |

Table 3 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|----------------|-----|----------|---------|---------|----------------|
| Sex | 1 | 1700.17 | 1700.17 | 94.87 | Sig.beyond .01 |
| Order of Birth | 1 | 166.47 | 166.47 | 9.28 | Sig. at .01 |
| S X O | 1 | 2.24 | 2.24 | .012 | Not Sig. |
| Within | 496 | 8856.00 | 17.92 | | |
| Total | 499 | 10724.88 | | | |

Table 3 (c) - Showing Results of LSD Test

Birth Order-wise : Among Boys : Only Child -
 Other First Born - Sig.at .01
 Among Girls: -do- - Sig.at .01

Sex-wise :

Among Only Child : B - G - Sig. at .01
 Other First-born: B - G - Sig. at .01

Group III : Only Child Vs. Other First Born (C - R : F)
 Sex Vs. Birth Order (Fashions)

Table 3 (a) - Showing Mean Scores

| Birth Order | Boys | | Girls | | Total | |
|------------------|------|------|-------|------|-------|------|
| | No. | Mean | No. | Mean | No. | Mean |
| Only Child | 50 | 1.54 | 50 | 1.56 | 100 | 1.55 |
| Other First-born | 200 | 1.69 | 200 | 2.15 | 400 | 1.92 |
| Total | 250 | 1.66 | 250 | 2.03 | 500 | 1.85 |

Table 3 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|----------------|-----|--------|-------|---------|-------------|
| Sex | 1 | 17.67 | 17.67 | 8.51 | Sig. at .01 |
| Order of Birth | 1 | 11.10 | 11.10 | 8.10 | Sig. at .01 |
| S X O | 1 | 3.96 | 3.96 | 0.103 | Not Sig. |
| Within | 496 | 676.72 | 1.37 | | |
| Total | 499 | 709.45 | | | |

Table 3 (c) - Showing Results of LSD Test

Birth Order-wise : Among Boys : Only Child -
 Other First Born - Not Sig.
 Among Girls: -do- - Sig. .01

Sex-wise :

Among Only Child : B - G - Not Sig.
 Other First-born: B - G - Sig. at .01

Group IV : Only Child Vs. Other First Born (Social)
 (C - R : S) (Boys) (Boys)

Table 4 (a) - Showing Mean Scores 'Social Aspect'

| Birth Order | No. | Mean |
|------------------|-----|-------|
| Only Child | 50 | 16.86 |
| Other First Born | 200 | 14.94 |
| Total | 250 | 15.32 |

Table 4 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|------------------|-----|---------|--------|---------|-------------|
| Between Group | 1 | 147.46 | 147.46 | 8.30 | Sig. at .01 |
| Within | 248 | 4403.30 | 17.75 | | |
| Total | 249 | 4550.76 | | | |

Group IV : Only Child Vs. Other First Born
 (C - R : R) (Boys) (Boys) (Religion)

Table 4 (a) - Showing Mean Scores

| Birth Order | No. | Mean |
|------------------|-----|------|
| Only Child | 50 | 9.30 |
| Other First Born | 200 | 8.98 |
| Total | 250 | 9.05 |

Table 4 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|---------------|-----|---------|-------|---------|----------|
| Between Group | 1 | 26.57 | 26.57 | | |
| Within | 248 | 4414.46 | 17.96 | 1.46 | Not Sig. |
| Total | 249 | 4441.03 | | | |

Group IV : Only Child Vs. Other First Born
 (C = R : E) (Boys) (Boys) (Educational Thought)

Table 4 (a) - Showing Mean Scores

| Birth Order | No. | Mean |
|------------------|-----|-------|
| Only Child | 50 | 11.92 |
| Other First Born | 200 | 12.36 |
| Total | 250 | 12.27 |

Table 4 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|---------------|-----|---------|------|---------|----------|
| Between Group | 1 | 7.75 | 7.75 | 0.92 | Not Sig. |
| Within | 248 | 2073.76 | 8.36 | | |
| Total | 249 | 2081.51 | | | |

Group IV: Only Child Vs. Other First Born
 (C - R : W) (Boys) (Boys) (Women)

Table 4 (a) - Showing Mean Scores

| Birth Order | No. | Mean |
|------------------|-----|-------|
| Only Child | 50 | 10.46 |
| Other First Born | 200 | 8.85 |
| Total | 250 | 9.17 |

Table 4 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|---------------|-----|---------|--------|---------|-------------|
| Between Group | 1 | 103.69 | 103.69 | | |
| Within | 248 | 2449.92 | 9.87 | 10.50 | Sig. at .01 |
| Total | 249 | 2553.61 | | | |

Group IV : Only Child Vs. Other First Born.
 (Boys) (Boys) (Fashion)
 (C - R : F)

Table 4 (a) - Showing Mean Scores

| Birth Order | No. | Mean |
|------------------|-----|------|
| Only Child | 50 | 1.54 |
| Other First Born | 200 | 1.69 |
| Total | 250 | 1.66 |

Table 4 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|---------------|-----|--------|------|---------|----------|
| Between Group | 1 | .90 | .90 | 0.80 | Not Sig. |
| Within | 248 | 295.20 | 1.19 | | |
| Total | 249 | 296.10 | | | |

Group V : Only Child Vs. Other First Born
 (C - R : S) (Girls) (Girls)

(Social)

Table 5 (a) - Showing Mean Scores

| Birth Order | No. | Mean |
|------------------|-----|-------|
| Only Child | 50 | 12.48 |
| Other First Born | 200 | 14.67 |
| Total | 250 | 14.23 |

Table 5 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|------------------|-----|---------|--------|---------|-------------|
| Between Group | 1 | 192.72 | 192.72 | 6.17 | Sig. at .01 |
| Within | 248 | 7768.36 | 31.17 | | |
| Total | 249 | 7961.08 | | | |

Group V : Only Child Vs. Other First Born
 (Girls) (Girls) (Religion)
 (C - R : R)

Table 5 (a) - Showing Mean Scores

| Birth Order | No. | Mean |
|------------------|-----|-------|
| Only Child. | 50 | 9.16 |
| Other First Born | 200 | 10.95 |
| Total | 250 | 10.59 |

Table 5 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|------------------|-----|---------|--------|---------|-------------|
| Between Group | 1 | 128.88 | 128.88 | 12.18 | Sig. at .01 |
| Within | 248 | 2625.32 | 10.58 | | |
| Total | 249 | 2754.20 | | | |

Group V : Only Child Vs. Other First Born
 (Girls) (Girls) (Education)
 (C - R : E)

Table 5 (a) - Showing Mean Scores

| Birth Order | No. | Mean |
|------------------|-----|-------|
| Only Child | 50 | 9.78 |
| Other First Born | 200 | 11.42 |
| Total | 250 | 11.09 |

Table 5 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|---------------|-----|---------|--------|---------|-------------|
| Between Group | 1 | 108.24 | 108.24 | | |
| Within | 248 | 3754.46 | 15.08 | 7.14 | Sig. at .01 |
| Total | 249 | 3862.70 | | | |

Group V : Only Child Vs. Other First Born
 (C - R : W) (Girls) (Girls) (Women)

Table 5 (a) - Showing Mean Scores

| Birth Order | No. | Mean |
|------------------|-----|-------|
| Only Child | 50 | 13.88 |
| Other First Born | 200 | 12.60 |
| Total | 250 | 12.86 |

Table (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|---------------|-----|---------|--------|---------|-------------|
| Between Group | 1 | 128.88 | 128.88 | 12.18 | Sig. at .01 |
| Within | 248 | 2625.32 | 10.58 | | |
| Total | 249 | 2754.20 | | | |

Group V : Only Child Vs. Other First Born
 (C - R : F) (Girls) (Girls) (Fashion)

Table 5 (a) - Showing Mean Scores

| Birth Order | No. | Mean |
|------------------|-----|------|
| Only Child | 50 | 1.56 |
| Other First Born | 200 | 2.15 |
| Total | 250 | 2.03 |

Table 5 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|---------------|-----|--------|-------|---------|-------------|
| Between Group | 1 | 14.16 | 14.16 | | |
| Within | 248 | 381.52 | 1.53 | 9.25 | Sig. at .01 |
| Total | 249 | 395.68 | | | |

Group VI : First Born of Vs. First Born of
 (C - R : S) Mixed Sex Same Sex (Social)

Table 6 (a) - Showing Mean Scores

| Birth Order | No. | Mean |
|----------------------------|-----|-------|
| First Born of Mixed Sex | 300 | 14.68 |
| First Born of Same Sex | 100 | 15.18 |
| Total | 400 | 14.80 |

Table 6 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|------------------|-----|---------|-------|---------|----------|
| Between Group | 1 | 18.50 | 18.50 | 0.72 | Not Sig. |
| Within | 398 | 9313.68 | 23.40 | | |
| Total | 399 | 9332.18 | | | |

Group VI : First Born of Vs. First Born of
 (C - R : R) Mixed Sex Same Sex (Religion)

Table 6 (a) - Showing Mean Scores

| Birth Order | No. | Mean |
|----------------------------|-----|------|
| First Born of Mixed Sex | 300 | 9.97 |
| First Born of Same Sex | 100 | 9.96 |
| Total | 400 | 9.97 |

Table 6 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|------------------|-----|---------|-------|---------|----------|
| Between Group | 1 | .01 | .01 | .0009 | Not Sig. |
| Within | 398 | 4759.63 | 11.97 | | |
| Total | 399 | 4759.64 | | | |

Group VI : First Born of Vs. First Born of
 (C - R : E) Mixed Sex Same Sex
 (Education)

Table 6 (a) - Showing Mean Scores

| Birth Order | No. | Mean |
|----------------------------|-----|-------|
| First Born of Mixed Sex | 300 | 12.08 |
| First Born of Same Sex | 100 | 11.32 |
| Total | 400 | 11.89 |

Table 6 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|------------------|-----|---------|-------|---------|----------|
| Between Group | 1 | 43.70 | 43.70 | 3.87 | Not Sig. |
| Within | 398 | 4491.68 | 11.28 | | |
| Total | 399 | 4535.38 | | | |

Group VI : First Born of Vs. First Born of
 (C - R : W) Mixed Sex Same Sex
 (Pertaining to Women)

Table 6 (a) - Showing Mean Scores

| Birth Order | No. | Mean |
|----------------------------|-----|-------|
| First Born of Mixed Sex | 300 | 11.15 |
| First Born of Same Sex | 100 | 9.44 |
| Total | 400 | 10.72 |

Table 6 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|------------------|-----|---------|--------|---------|-------------|
| Between Group | 1 | 221.02 | 221.02 | 10.09 | Sig. at .01 |
| Within | 398 | 8717.28 | 21.90 | | |
| Total | 399 | 8938.30 | | | |

Group VI : First Born of Vs. First Born of
 (C - R : F) Mixed Sex Same Sex (Fashion)

Table 6 (a) - Showing Mean Scores

| Birth Order | No. | Mean |
|----------------------------|-----|------|
| First Born of Mixed Sex | 300 | 1.94 |
| First Born of Same Sex | 100 | 1.85 |
| Total | 400 | 1.92 |

Table 6 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|------------------|-----|--------|------|---------|----------|
| Between Group | 1 | 0.70 | 0.70 | 0.50 | Not Sig. |
| Within | 398 | 553.90 | 1.39 | | |
| Total | 399 | 554.60 | | | |

Group VII : Only Child Vs. Later Born (Excluding First Born)
 (C - R : S) Sex Vs. Birth Order (Social)

Table 7 (a) - Showing Mean Scores

| Birth Order | Boys | | Girls | | Total | |
|-------------|------|-------|-------|-------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| Only Child | 50 | 16.86 | 50 | 12.48 | 100 | 14.67 |
| Later Born | 485 | 11.58 | 451 | 11.54 | 936 | 11.56 |
| Total | 535 | 12.07 | 501 | 11.63 | 1036 | 11.86 |

Table 7 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|----------------|------|----------|--------|---------|-----------------|
| Sex | 1 | 50.10 | 50.10 | 2.30 | Not Sig. |
| Order of Birth | 1 | 872.68 | 872.68 | 49.23 | Sig. beyond .01 |
| S X O | 1 | 429.95 | 429.95 | 19.75 | Sig. at .01 |
| Within | 1032 | 22456.54 | 21.76 | | |
| Total | 1035 | 23809.27 | | | |

Table 7 (c) - Showing Results of LSD Test

Birth Order-wise :

Among Boys : Only Child - Later Born : Sig. at .01

Among Girls : -do- : Not Sig.

Sex-wise : Among Only Child : B - G - Sig. at .01

Among Later Born: B - G - Not Sig.

Group VII : Only Child Vs. Later Born (Excluding First Born)
 (C - R : R) Sex Vs. Birth Order (Religion)

Table 7 (a) - Showing Mean Scores

| Birth Order | Boys | | Girls | | Total | |
|-------------|------|------|-------|-------|-------|------|
| | No. | Mean | No. | Mean | No. | Mean |
| Only Child | 50 | 9.30 | 50 | 9.16 | 100 | 9.23 |
| Later Born | 485 | 7.68 | 451 | 11.03 | 936 | 9.29 |
| Total | 535 | 7.81 | 501 | 10.84 | 1036 | 9.28 |

Table 7 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|----------------|------|----------|---------|---------|-------------|
| Sex | 1 | 2347.99 | 2347.99 | 289.52 | Sig. at .01 |
| Order of Birth | 1 | 0.38 | 0.38 | 0.047 | Not Sig. |
| S X O | 1 | 276.08 | 276.08 | 34.04 | Sig. at .01 |
| Within | 1032 | 8378.26 | 8.11 | | |
| Total | 1035 | 11002.71 | | | |

Table 7 (c) - Showing Results of LSD Test

Birth Order-wise :

Among Boys : Only Child - Later Born : Sig. at .01

Among Girls : -do- : Sig. at .01

Sex-wise : Among Only Child : B - G - Not Sig.

Among Later Born: B - G - Sig. at .01

Group VII : Only Child Vs. Later Born (Excluding First Born)
 (C - R : E) Sex Vs. Birth Order (Education)

Table 7 (a) - Showing Mean Scores

| Birth Order | Boys | | Girls | | Total | |
|-------------|------|-------|-------|-------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| Only Child | 50 | 11.92 | 50 | 9.78 | 100 | 10.85 |
| Later Born | 425 | 10.47 | 451 | 10.13 | 936 | 10.30 |
| Total | 535 | 10.60 | 501 | 10.09 | 1036 | 10.36 |

Table 7 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|----------------|------|-----------|--------|---------|----------|
| Sex | 1 | 67.72 | 67.72 | 0.29 | Not Sig. |
| Order of Birth | 1 | 26.57 | 26.57 | 0.11 | Not Sig. |
| S X C | 1 | 73.99 | 73.99 | 0.32 | Not Sig. |
| Within | 1032 | 235621.43 | 228.31 | | |
| Total | 1035 | 235789.71 | | | |

Table 7 (c) - Showing Results of LSD Test

Birth Order-wise :

Among Boys : Only Child - Later Born :

Among Girls : -do-

Sex-wise : Among Only Child : B - G -

Among Later Born: B - G -

Group VII : Only Child Vs. Later Born (Excluding First Born) .
 (C - R : W) Sex Vs. Birth Order (Women)

Table 7 (a) - Showing Mean Scores

| Birth Order | Boys | | Girls | | Total | |
|-------------|------|-------|-------|-------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| Only Child | 50 | 10.46 | 50 | 13.88 | 100 | 12.17 |
| Later Born | 485 | 8.95 | 451 | 11.90 | 936 | 10.37 |
| Total | 535 | 9.09 | 501 | 12.10 | 1036 | 10.54 |

Table 7 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|----------------|------|----------|---------|---------|-----------------|
| Sex | 1 | 2341.45 | 2341.45 | 225.35 | Sig. beyond .01 |
| Order of Birth | 1 | 291.10 | 291.10 | 28.01 | Sig. beyond .01 |
| S X O | 1 | 2620.07 | 2620.07 | 252.17 | Sig. beyond .01 |
| Within | 1032 | 10731.97 | 10.39 | | |
| Total | 1035 | 15984.59 | | | |

Table 7 (c) - Showing Results of LSD Test

Birth Order-wise :

Among Boys : Only Child - Later Born : Sig. at .01

Among Girls : -do- : Sig. at .01

Sex-wise : Among Only Child : B - G - Sig. at .01

Among Later Born: B - G - Sig. at .01

Group VII : Only Child Vs. Later Born (Excluding First Born)
 (C - R : F) Sex Vs. Birth Order (Fashion)

Table 7 (a) - Showing Mean Scores

| Birth Order | Boys | | Girls | | Total | |
|-------------|------|------|-------|------|-------|------|
| | No. | Mean | No. | Mean | No. | Mean |
| Only Child | 50 | 1.54 | 50 | 1.56 | 100 | 1.55 |
| Later Born | 485 | 1.51 | 451 | 2.50 | 936 | 1.99 |
| Total | 535 | 1.51 | 501 | 2.40 | 1036 | 1.94 |

Table 7 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|----------------|------|---------|--------|---------|-----------------|
| Sex | 1 | 204.66 | 204.66 | 243.61 | Sig. beyond .01 |
| Order of Birth | 1 | 17.52 | 17.52 | 20.82 | Sig. at .01 |
| S X O | 1 | 22.38 | 22.38 | 8.81 | Sig. at .01 |
| Within | 1032 | 866.63 | 0.84 | | |
| Total | 1035 | 1111.19 | | | |

Table 7 (c) - Showing Results of LSD Test

Birth Order-wise :

Among Boys : Only Child - Later Born : Not Sig.

Among Girls : -do- : Sig. at .01

Sex-wise : Among Only Child : B - G - Not Sig.

Among Later Born: B - G - Sig. at .01

Group VIII : First Born Vs. Last Born

(C - R : S) Sex Vs. Birth Order

(Social)

Table 8 (a) - Showing Mean Scores

| Birth Order | Boys | | Girls | | Total | |
|-------------|------|-------|-------|-------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| First Born | 250 | 15.32 | 250 | 14.23 | 500 | 14.78 |
| Last Born | 158 | 11.95 | 138 | 12.52 | 296 | 12.22 |
| Total | 408 | 14.01 | 388 | 13.62 | 796 | 13.82 |

Table 8 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|----------------|-----|----------|---------|---------|-----------------|
| Sex | 1 | 30.82 | 30.82 | 1.20 | Not Sig. |
| Order of Birth | 1 | 1218.96 | 1218.96 | 47.33 | Sig. beyond .01 |
| S X O | 1 | 140.74 | 140.74 | 5.46 | Sig. at .05 |
| Within | 792 | 20400.97 | 25.75 | | |
| Total | 795 | 21791.49 | | | |

Table 8 (c) - Showing Results of LSD Test

Birth Order-wise :

Among Boys : First Born - Last Born : Sig. at .01
 Girls : - do - : Sig. at .05

Sex-wise :

Among First Born : B - G - Sig. at .05
 Among Last Born : B - G - Not Sig.

Group VIII : First Born Vs. Last Born

(C - R : R) Sex Vs. Birth Order

(Religion)

Table 8 (a) - Showing Mean Scores

| Birth Order | Boys | | Girls | | Total | |
|-------------|------|------|-------|-------|-------|------|
| | No. | Mean | No. | Mean | No. | Mean |
| First Born | 250 | 9.05 | 250 | 10.59 | 500 | 9.82 |
| Last Born | 158 | 7.23 | 138 | 10.84 | 296 | 8.91 |
| Total | 408 | 8.34 | 388 | 10.78 | 796 | 9.48 |

Table 8 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|----------------|-----|----------|---------|---------|-----------------|
| Sex | 1 | 1326.36 | 1326.36 | 105.77 | Sig. beyond .01 |
| Order of Birth | 1 | 92.80 | 92.80 | 7.40 | Sig. at .01 |
| S X O | 1 | 106.02 | 106.02 | 8.45 | Sig. at .01 |
| Within | 792 | 9938.07 | 12.54 | | |
| Total | 795 | 11463.25 | | | |

Table 8 (c) - Showing Results of LSD Test

Birth Order-wise :

Among Boys : First Born - Last Born : Sig. at .01
 Girls : - do - : Not Sig.

Sex-wise :

Among First Born : B - G - Sig. at .01
 Among Last Born : B - G - Sig. at .01

Group VIII : First Born Vs. Last Born

(C - R : E) Sex Vs. Birth Order (Education)

Table 8 (a) - Showing Mean Scores

| Birth Order | Boys | | Girls | | Total | |
|-------------|------|-------|-------|-------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| First Born | 250 | 12.27 | 250 | 11.09 | 500 | 11.68 |
| Last Born | 158 | 10.58 | 138 | 9.09 | 296 | 9.89 |
| Total | 408 | 11.62 | 388 | 10.38 | 796 | 11.01 |

Table 8 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|----------------|-----|----------|--------|---------|-------------|
| Sex | 1 | 303.85 | 303.85 | 22.04 | Sig. at .01 |
| Order of Birth | 1 | 597.13 | 597.13 | 43.33 | Sig. at .01 |
| S X O | 1 | 33.53 | 33.53 | 2.43 | Not Sig. |
| Within | 792 | 10914.25 | 13.78 | | |
| Total | 795 | 11848.76 | | | |

Table 8 (c) - Showing Results of LSD Test

Birth Order-wise :

Among Boys : First Born - Last Born : Sig. at .01
 Girls : - do - : Sig. at .01

Sex-wise :

Among First Born : B - G - Sig. at .01
 Among Last Born : B - G - Sig. at .01

Group VIII : First Born Vs. Last Born

(Women)

(C - R : W) Sex Vs. Birth Order

Table 8 (a) - Showing Mean Scores

| Birth Order | Boys | | Girls | | Total | |
|-------------|------|------|-------|-------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| First Born | 250 | 9.17 | 250 | 12.86 | 500 | 11.01 |
| Last Born | 158 | 8.57 | 138 | 9.83 | 296 | 9.82 |
| Total | 408 | 8.94 | 388 | 12.28 | 796 | 10.57 |

Table 8 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|----------------|-----|----------|---------|---------|-----------------|
| Sex | 1 | 2231.94 | 2231.94 | 147.32 | Sig. beyond .01 |
| Order of Birth | 1 | 262.53 | 262.53 | 17.32 | Sig. at .01 |
| S X O | 1 | 1.15 | 1.15 | .008 | Not Sig. |
| Within | 792 | 12003.01 | 15.15 | | |
| Total | 795 | 14498.63 | | | |

Table 8 (c) - Showing Results of LSD Test

Birth Order-wise :

Among Boys : First Born - Last Born : Not Sig.
 Girls : - do - : Sig. at .01

Sex-wise :

Among First Born : B - G - Sig. at .01
 Among Last Born : B - G - Sig. at .01

Group VIII : First Born Vs. Last Born

(C - R : F) Sex Vs. Birth Order

(Fashion)

Table 8 (a) - Showing Mean Scores

| Birth Order | Boys | | Girls | | Total | |
|-------------|------|------|-------|------|-------|------|
| | No. | Mean | No. | Mean | No. | Mean |
| First Born | 250 | 1.66 | 250 | 2.03 | 500 | 1.84 |
| Last Born | 158 | 1.50 | 138 | 2.40 | 296 | 1.92 |
| Total | 408 | 1.60 | 388 | 2.16 | 796 | 1.87 |

Table 8 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|----------------|-----|--------|-------|---------|-----------------|
| Sex | 1 | 63.94 | 63.94 | 55.7 | Sig. beyond .01 |
| Order of Birth | 1 | 1.12 | 1.12 | 0.99 | Not Sig. |
| S X O | 1 | 13.32 | 13.32 | 11.78 | Sig. at .01 |
| Within | 792 | 898.56 | 1.13 | | |
| Total | 795 | 976.94 | | | |

Table 8 (c) - Showing Results of LSD Test

Birth Order-wise :

Among Boys : First Born - Last Born : Not Sig.
 Girls : - do - : Sig. at .01

Sex-wise :

Among First Born : B - G - Sig. at .01
 Among Last Born : B - G - Sig. at .01

Group IX : Last Born Vs. Second Born and Middle Born
 (C - R : S) Sex Vs. Birth Order (Social)

Table 9 (a) - Showing Mean Scores

| Birth Order | Boys | | Girls | | Total | |
|---------------------------|------|-------|-------|-------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| Last Born | 158 | 11.95 | 138 | 12.52 | 296 | 12.22 |
| Second Born & Middle Born | 327 | 11.40 | 313 | 11.10 | 640 | 11.25 |
| Total | 485 | 11.58 | 451 | 11.54 | 936 | 11.56 |

Table 9 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|----------------|-----|----------|--------|---------|-------------|
| Sex | 1 | 0.45 | 0.45 | 0.02 | Not Sig. |
| Order of Birth | 1 | 187.29 | 187.29 | 9.00 | Sig. at .01 |
| S X O | 1 | 36.79 | 36.79 | 1.76 | Not Sig. |
| Within | 932 | 19385.96 | 20.80 | | |
| Total | 935 | 19610.49 | | | |

Table 9 (c) - Showing Results of LSD Test

Birth Order-wise :

Among Boys : Last Born - Second Born & Middle Born - Not Sig.
 Girls : - do - - Sig. at .01

Sex-wise : Among Last Born : B - G - Not Sig.
 Among S.B. & M.B. : B - G - Not Sig.

Group IX : Last Born Vs. Second Born and Middle Born
 (C - R : R) Sex Vs. Birth Order (Religion)

Table 9 (a) - Showing Mean Scores

| Birth Order | Boys | | Girls | | Total | |
|------------------------------|------|------|-------|-------|-------|------|
| | No. | Mean | No. | Mean | No. | Mean |
| Last Born | 158 | 7.23 | 138 | 10.84 | 296 | 8.91 |
| Second Born & Middle Born | 327 | 7.89 | 313 | 11.11 | 640 | 9.47 |
| Total | 485 | 7.68 | 451 | 11.03 | 936 | 9.29 |

Table 9 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|-------------------|-----|----------|---------|---------|-----------------|
| Sex | 1 | 2623.58 | 2623.58 | 330.84 | Sig. beyond .01 |
| Order of Birth | 1 | 62.29 | 62.29 | 7.85 | Sig. at .01 |
| S X O | 1 | 1.23 | 1.23 | 0.15 | Not Sig. |
| Within | 932 | 7393.52 | 7.93 | | |
| Total | 935 | 10080.62 | | | |

Table 9 (c) - Showing Results of LSD Test

Birth Order-wise :

Among Boys : Last Born - Second Born &
 Middle Born - Sig. at .01
 Girls : - do - - Not Sig.

Sex-wise : Among Last Born : B - G - Sig. at .01
 Among S.B. & M.B.: B - G - Sig. at .01

Group IX : Last Born Vs. Second Born and Middle Born
 (C - R : E) Sex Vs. Birth Order (Educational Thought)

Table 9 (a) - Showing Mean Scores

| Birth Order | Boys | | Girls | | Total | |
|---------------------------|------|-------|-------|-------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| Last Born | 158 | 10.58 | 138 | 9.09 | 296 | 9.89 |
| Second Born & Middle Born | 327 | 10.41 | 313 | 10.58 | 640 | 10.50 |
| Total | 485 | 10.47 | 451 | 10.13 | 936 | 10.30 |

Table 9 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|----------------|-----|----------|--------|---------|-------------|
| Sex | 1 | 27.55 | 27.55 | 1.89 | Not Sig. |
| Order of Birth | 1 | 54.22 | 54.22 | 3.72 | Not Sig. |
| S X O | 1 | 141.64 | 141.64 | 9.72 | Sig. at .01 |
| Within | 932 | 13397.36 | 14.56 | | |
| Total | 935 | 13620.77 | | | |

Table 9 (c) - Showing Results of LSD Test

Birth Order-wise :

Among Boys : Last Born - Second Born & Middle Born - Not Sig.
 Girls : - do - - Sig. at .01

Sex-wise : Among Last Born : B - G - Sig. at .01
 Among S.B. & M.B. : B - G - Not Sig.

Group IX : Last Born Vs. Second Born and Middle Born
(C - R : W) Sex Vs. Birth Order (Pertaining to Women)

Table 9 (a) - Showing Mean Scores

| Birth Order | Boys | | Girls | | Total | |
|------------------------------|------|------|-------|-------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| Last Born | 158 | 8.57 | 138 | 9.83 | 296 | 9.82 |
| Second Born & Middle Born | 327 | 9.13 | 313 | 12.18 | 640 | 10.62 |
| Total | 485 | 8.95 | 451 | 11.90 | 936 | 10.69 |

Table 9 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|-------------------|-----|----------|---------|---------|-----------------|
| Sex | 1 | 2036.56 | 2036.56 | 147.15 | Sig. beyond .01 |
| Order of Birth | 1 | 129.66 | 129.66 | 9.37 | Sig. at .01 |
| S X O | 1 | 1.23 | 1.23 | 0.08 | Not Sig. |
| Within | 932 | 12905.93 | 13.84 | | |
| Total | 935 | 15073.38 | | | |

Table 9 (c) - Showing Results of LSD Test

Birth Order-wise :

Among Boys : Last Born - Second Born &
Middle Born - Not Sig.
Girls : - do - - Sig. at .01

Sex-wise : Among Last Born : B - G - Sig. at .01
Among S.B. & M.B.: B - G - Sig. at .01

Group IX : Last Born Vs. Second Born and Middle Born
(C - R : F) Sex Vs. Birth Order (Fashion)

Table 9 (a) - Showing Mean Scores

| Birth Order | Boys | | Girls | | Total | |
|---------------------------|------|------|-------|------|-------|------|
| | No. | Mean | No. | Mean | No. | Mean |
| Last Born | 158 | 1.50 | 138 | 2.40 | 296 | 1.92 |
| Second Born & Middle Born | 327 | 1.52 | 313 | 2.54 | 640 | 2.02 |
| Total | 485 | 1.51 | 451 | 2.50 | 936 | 1.99 |

Table 9 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|----------------|-----|--------|--------|---------|-------------|
| Sex | 1 | 227.03 | 227.03 | 29.40 | Sig. at ,01 |
| Order of Birth | 1 | 1.81 | 1.81 | 2.34 | Not Sig. |
| S X O | 1 | 0.00 | 0.00 | 0.00 | Not Sig. |
| Within | 932 | 721.08 | 0.77 | | |
| Total | 935 | 949.92 | | | |

Table 9 (c) - Showing Results of LSD Test

Birth Order-wise :

Among Boys : Last Born - Second Born & Middle Born - Not Sig.
Girls : - do - - Not Sig.

Sex-wise : Among Last Born : B - G - Sig. at .01
Among S.B. & M.B.: B - G - Sig. at .01

Group : X : Last Born Vs. Only Child

(C - R : S) Sex Vs. Birth Order

(Social)

Table 10 (a) - Showing Mean Scores

| Birth Order | Boys | | Girls | | Total | |
|-------------|------|-------|-------|-------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| Last Born | 158 | 11.95 | 138 | 12.52 | 296 | 12.22 |
| Only Child | 50 | 16.86 | 50 | 12.48 | 100 | 14.67 |
| Total | 208 | 13.13 | 188 | 12.51 | 396 | 12.84 |

Table 10 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|----------------|-----|----------|--------|---------|-------------|
| Sex | 1 | 38.44 | 38.44 | 1.40 | Not Sig. |
| Order of Birth | 1 | 438.82 | 438.82 | 16.02 | Sig. at .01 |
| S X O | 1 | 474.77 | 474.77 | 17.34 | Sig. at .01 |
| Within | 392 | 10735.63 | 27.38 | | |
| Total | 395 | 11687.66 | | | |

Table 10 (c) - Showing Results of LSD Test

Birth Order-wise :

Among Boys : Last Born vs Only Child - Sig. at .01
 Girls - do - - Not Sig.

Sex-wise :

Among Last Born : B - G : Not Sig.
 Only Child: B - G : Sig. at .01

Group : X : Last Born Vs. Only Child

(C - R : R) Sex Vs. Birth Order

(Religion)

Table 10 (a) - Showing Mean Scores

| Birth Order | Boys | | Girls | | Total | |
|-------------|------|------|-------|-------|-------|------|
| | No. | Mean | No. | Mean | No. | Mean |
| Last Born | 158 | 7.23 | 138 | 10.84 | 296 | 8.91 |
| Only Child | 50 | 9.30 | 50 | 9.16 | 100 | 9.23 |
| Total | 208 | 7.73 | 188 | 10.39 | 396 | 8.99 |

Table 10 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|----------------|-----|---------|--------|---------|-----------------|
| Sex | 1 | 700.18 | 700.18 | 74.88 | Sig. beyond .01 |
| Order of Birth | 1 | 7.39 | 7.39 | .78 | Not Sig. |
| S X O | 1 | 258.36 | 258.36 | 27.63 | Sig. at .01 |
| Within | 392 | 3664.06 | 9.35 | | |
| Total | 395 | 4629.99 | | | |

Table 10 (c) - Showing Results of LSD Test

Birth Order-wise :

Among Boys : Last Born + Only Child - Sig. at .01
 Girls + do - - Sig. at .01

Sex-wise :

Among Last Born : B - G : Sig. at .01
 Only Child: B - G : Not Sig.

Group : X : Last Born Vs. Only Child
 (C - R : E) Sex Vs. Birth Order (Educational Thought)

Table 10 (a) - Showing Mean Scores

| Birth Order | Boys | | Girls | | Total | |
|-------------|------|-------|-------|------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| Last Born | 158 | 10.58 | 138 | 9.09 | 296 | 9.89 |
| Only Child | 50 | 11.92 | 50 | 9.78 | 100 | 10.85 |
| Total | 208 | 10.90 | 188 | 9.27 | 396 | 10.13 |

Table 10 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|----------------|-----|---------|--------|---------|-------------|
| Sex | 1 | 263.02 | 263.02 | 16.18 | Sig. at .01 |
| Order of Birth | 1 | 68.61 | 68.61 | 4.23 | Not Sig. |
| S X O | 1 | 15.98 | 15.98 | 0.98 | Not Sig. |
| Within | 392 | 6350.30 | 16.19 | | |
| Total | 395 | 6697.91 | | | |

Table 10 (c) - Showing Results of LSD Test

Birth Order-wise :

Among Boys : Last Born vs Only Child - Sig. at .01
 Girls - do - - Not Sig.

Sex-wise :

Among Last Born : B - G : Sig. at .01
 Only Child: B - G : Sig. at .01

Group : X : Last Born Vs. Only Child

(C - R : W) Sex Vs. Birth Order (Pertaining to Women)

Table 10 (a) - Showing Mean Scores

| Birth Order | Boys | | Girls | | Total | |
|-------------|------|-------|-------|-------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| Last Born | 158 | 8.57 | 138 | 9.83 | 296 | 9.82 |
| Only Child | 50 | 10.46 | 50 | 13.88 | 100 | 12.17 |
| Total | 208 | 9.03 | 188 | 11.95 | 396 | 10.41 |

Table 10 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|----------------|-----|---------|--------|---------|-----------------|
| Sex | 1 | 846.92 | 846.93 | 101.05 | Sig. beyond .01 |
| Order of Birth | 1 | 410.09 | 410.09 | 48.93 | Sig. beyond .01 |
| S X O | 1 | 2.32 | 2.32 | .027 | Not Sig. |
| Within | 392 | 3282.08 | 8.38 | | |
| Total | 395 | 4541.42 | | | |

Table 10 (c) - Showing Results of LSD Test

Birth Order-wise :

Among Boys : Last Born - Only Child - Sig. at .01
 Girls - do - - Sig. at .01

Sex-wise :

Among Last Born : B - G : Sig. at .01
 Only Child: B - G : Sig. at .01

Group : X : Last Born Vs. Only Child

(C - R : F) Sex Vs. Birth Order (Fashion)

Table 10 (a) - Showing Mean Scores

| Birth Order | Boys | | Girls | | Total | |
|-------------|------|------|-------|------|-------|------|
| | No. | Mean | No. | Mean | No. | Mean |
| Last Born | 158 | 1.50 | 138 | 2.40 | 296 | 1.92 |
| Only Child | 50 | 1.54 | 50 | 1.56 | 100 | 1.55 |
| Total | 208 | 1.51 | 188 | 2.18 | 396 | 1.83 |

Table 10 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|----------------|-----|--------|-------|---------|-----------------|
| Sex | 1 | 43.82 | 43.82 | 67.26 | Sig. beyond .01 |
| Order of Birth | 1 | 83.56 | 83.56 | 128.55 | Sig. beyond .01 |
| S X O | 1 | 33.74 | 33.74 | 51.14 | Sig. beyond .01 |
| Within | 392 | 259.52 | 0.65 | | |
| Total | 395 | 420.64 | | | |

Table 10 (c) - Showing Results of LSD Test

Birth Order-wise :

Among Boys : Last Born vs Only Child - Not Sig.
 Girls - do - - Sig. beyond .01

Sex-wise :

Among Last Born : B - G : Sig. beyond .01
 Only Child: B - G : Not Sig.

1. Role of each of four Birth Order Positions

The data of boys and girls belonging to different birth order categories, viz. first-born, second-born, middle-born and last-born, as connoted earlier, were classified accordingly and analysed statistically so as to study the effect of birth order as well as sex and their possible interaction if any. The results of this analysis are presented in Tables No. 1 (a), (b) and (c) separately for each of five aspects of C-R Scale, i.e. in tables marked C-R:S, C-R:R, C-R:E, C-R:W and C-R:F. The inspection of the figures in these tables reveals the following findings with respect to each of five aspects of C-R Scale.

(a) Extend of Reformist Views on Social Customs (C-R:S) :

As regards the reformist views on social aspects, the results (for sex and different birth orders) are given in tables No. (C-R:S)-1. Following are the findings :

(i) It would be inferred from the results in table (C-R:S)-1(b) that sex on the whole was an insignificant factor as far as scores on con.-ref. Scale (Social) were concerned; there were no significant differences between boys (12.85) and girls (12.50) regarding their views on social matters. It is likely that both boys and girls now make almost equal attempts to resist social traditions, customs and taboos.

(ii) In contrast, the main variable under study, viz. birth order, was highly significant beyond .01 level of confidence, as revealed in table (C-R:S)-1(b). The figures in table 1(a) reveal that the first born were socially the most reformist (14.78), next were the second-born (12.23), almost equal to the last-born (12.22) and to the least reformist were the middle-born (10.36).

(iii) However, the significant interaction between sex and birth order revealed by table (C-R:S)-1(b) renders the independent working of the two variables to be doubtful. To account for such interaction and examine the simple effect of one variable of each level of the other variable, these results were subjected to L.S.D Test find out the least significant difference between different possible pairs. These results are presented in Table (C-R:S)-1(c). It would be seen from these results that the sex factor which was not significant on the whole as revealed by Table 1(b) was a significantly contributing factor among the first-born, the second born and the middle born, excepting among the last born. Similarly, while comparing different birth orders it is seen from results in Table 1(c) that birth order which was significant on the whole as revealed in table 1(b) was significant only in case of comparison between the first born and the middle born subjects (boys and girls combined as well as also separately for boys and girls), while birth order was significant only in some pairs of birth order comparisons in case

of boys and girls separately and not in other pairs, both boys and girls showing different tendencies at different birth orders. This accounts for significant interaction. It can be said that both sex and birth order played a significant role, but each played its role not independently to the same extent or in same direction, but worked inter-dependently, thus accounting for significant interaction.

(b) Extent of Reformist Views on Religious Practices: (C-R:R)

Results of analysis of data on Con Ref. Scale (Religious) are given in Tables No. (C-R:R)-1.

(i) Examination of results in table (C-R:R)-1(b) regarding the reformist views on religious aspects reveals that sex was a significantly contributing factor beyond .01 level of confidence, in contrast to its apparently insignificant role in case of views on social matters. Girls were found to be more reformist (10.72) than boys (8.14) in religious matters. This might appear a little strange, but it may be that girls upto now being more suppressed in our social structure might be acting with more resistance to religion when they are not equipped with education.

(ii) The birth order differences were found to be not significant on the whole. This is somewhat unexpected.

(iii) However, there was significant interaction between sex and birth order. Hence LSD Test was applied to study the significance of one factor at each level of the other. These results in Table 1(c) show that sex differences were significant at each birth order, each time girls being more reformist. However, birth order-wise there were no differences between any birth order among the girls nor on the total, but a few pairs of birth orders (F.B-S.B; F.B-L.B) showed significant differences only among the boys. This differential trend among boys and girls at different birth orders accounts for significant interaction between sex and birth order.

It can be said in general that as far as reformist views on religious practices were concerned, sex was definitely significant factor, but not the birth order, though it interacted significantly with the other in some cases.

(c) Extent of Reformist Views on Educational Issues: (C-R:E)

Results of analysis of data on C-R Scale (Educational) are presented in Tables No. (C-R:E)-1 Findings are enumerated below :

(i) In matters of education, it is concluded from the results in Table (C-R:E)-1(b) that sex was a significant variable. Boys were observed to be more reformist (11.03) than girls (10.47) on educational issues, as expected.

(ii) Birth order was also found to be significant. However, closer examination of results in table 1(a) confirmed by results in 1(c) would show that first born and second born were equal forming as if one group, and that middle born and last born were equal forming another group, significantly lower on reformist scale than the preceding groups of F.B. and S.B., thus accounting for overall significant differences among birth orders.

(iii) There was also significant interaction between sex and birth order. This can be explained by the fact that there were sex differences only among F.B. and L.B., and not among S.B. and M.B. It can be said that sex though significant on the whole was truly contributing significantly among the first-born and the last-born only, and that birth order though significant on the whole was the contributing in such a way that F.B. and S.B. formed equal pair, significantly higher than M.B. and L.B. while also formed equal pair.

(d) Extent of Reformist Views
Pertaining to Women (C-R:W)

Results of analysis of data on C.R. Scale (Women) are presented in Tables No. (C-R:W)-1 and following are the findings.

(i) As observed in Table (C-R:W)-1(b), sex was significant beyond .01 level of confidence, as far as views pertaining to women were concerned. Girls held far more significantly the reformist views (12.24) than the boys (9.02) on matters pertaining to women. This is just what was expected; it is also a sort of the error in judgment as a result of projection of girls in their own matters. Whatever it may be, girls would be more reformist in their own issues than boys who would like to be conservative towards freedom for girls.

(ii) Birth order was again an insignificant factor in this respect.

(iii) Nor was the interaction significant. However, the L.S.D. results in Table (C-R:W)-1(c) reveal that there were also significant sex differences of each birth order, as expected, but most of the birth order-pair differences were significant among girls, and not among boys; thus there was no true interaction, sex playing the major role.

In other words, sex was always significant at all birth orders, but birth order was significant in some cases only among girls.

(e) Extent of Reformist Views
Pertaining to Fashions(C-R:F)

Results of analysis of data on C.R. Scale (Fashions) are summarized in Tables No.(C-R:F)-1 and findings regarding sex and different birth orders are given below:

(i) Here again regarding the views on fashions, sex played a significant role beyond .01 level of confidence. Girls were definitely holding more reformist views on fashions (2.33) than boys (1.56) and this is what was expected. As in earlier paragraph regarding views on women, here too on fashions, girls would be more forward in fashions, dress, make-up, etc. which concerned mostly themselves.

(ii) Birth order, however, was not significant here also as in case of views on women. Yet it appeared that S.B. tended to be most reformist and F.B. were the least reformist on the whole and among the girls.

(iii) However, there was significant interaction between sex and birth order in case of views on fashions. Results in table 1(c) show that there were sex differences at each birth order, but some birth order pairs (F.B. Vs. any other) were significantly different among girls, and not a single birth order pair showed significant difference among boys, thus accounting for significant interaction.

In other words, sex was always significant, girls holding more reformist views on the whole and also at each birth order, but birth order did not play important role, except in case of girls, where the F.B. were significantly less reformist than

children of any other positions.

2. Comparison between the First born and Other Siblings:

To compare first born on one hand, data of boys and girls were tabulated accordingly and subjected to adequate statistical analysis. The results are presented in Tables No. 2 (a), (b) and (c) as usual, for each of five aspects of C.R. Scale i.e. in tables marked C-R:R, C-R:E, C-R:W and C.R.:F. These findings are described in the following paragraphs for each of the five aspects.

(a) First Born Vs. Other Siblings
on Cons.- Reformist Scale -
Social (C.R:S)

The results of statistical analysis of data for comparison between all the first born on one hand and all other siblings on the other hand with respect to their views on Cons.-Ref. Scale (social aspect) have been given in Tables (C.R:S)-2(a), (b) and (c) following the pattern of presentation as usual. The findings revealed are as follow:

(i) Sex was not found to be significant. On the whole both boys (12.85) and girls (12.50) scored almost equally.

(ii) The birth order was highly significant beyond .01 level of confidence.

The first born were significantly more reformist on social aspects (14.78) than the other siblings together (11.56) on the whole.

(iii) However, there was significant interaction between sex and birth order in this case. Examination of results in Table 1(c) reveals in this case reveals that there were sex differences among the first born, but not among the other siblings; however both among boys and girls there were significant differences between birth orders. This accounts for significant interaction.

In other words, birth order was definitely significant variable in this case both for boys and girls; but sex was significant only with respect to the first born, and not the other siblings.

(b) First born Vs. Other Siblings
on Reformist Scale: Religious
(C.R:R)

The results of analysis of data for comparison between the first born and other siblings on C.R. Scale (Religious) are presented in Tables No.(C-R:R)-2 (a), (b) and (c). The findings are given below :

(i) Sex played a significant role beyond .01 level of confidence. In religious matters the girls were definitely more reformist (10.87) than boys (8.14) on the whole.

(ii) Birth order was observed to be not significant.

(iii) However, interaction between sex and birth order was highly significant beyond .01 level. Examination of table 1(c) in this case reveals that there were significant sex differences both among F.B. and also other siblings, girls scoring higher. However, among boys the first born scoring higher differed from other siblings, but not among girls though other siblings tended to score higher. This accounts for significant interaction.

In other words, sex was definitely a significant variable contributing on the whole as well as separately to scores of the first born and the other siblings in favour of girls. However, birth order was significant with respect to boys only and not girls.

(c) First-born Vs. Other Siblings on
Cons.Ref.Scale (Educational) (C-R:E)

The results for this purpose are summarized in Tables No. (C-R:E)-2(a), (b) and (c). Findings are given below :

(i) Sex played a very significant role beyond .01 level. Boys were educationally more reformist (11.08) than girls (10.47) in this group on the whole.

(ii) Birth order was also highly significant factor beyond .01 level. The first born were educationally more reformist (11.63) than the other later born siblings (10.30) on the whole.

(iii) At the same time, there was very highly significant interaction between sex and birth order beyond .01 level of confidence. The examination of results in Table 1(c) in this connection reveals that there were significant sex differences in favour of boys only among the first born, and not among the other later born siblings; while both among boys and girls the first born scored significantly higher than the other siblings.

In other words, birth order was definitely a significant factor with respect to both sexes and totally too; but sex was a significant factor with respect to only the first born and not others, though it appeared so on the whole.

(d) First-born Vs. Other Siblings on
C-R Scale Women: (C-R:W)

The results for this comparison have been presented in Tables No.(C-R:W)-2(a), (b) and (c). Findings are given below:

(i) Sex was highly significant beyond .01 level. Girls were more reformist (12.24) in their views on women than boys (9.02).

(ii) Birth order was also a significant factor. First born were more reformist (11.01) than others (10.37).

(iii) There was no interaction between the two. Even the results in table 1(c) in this regard show that there were significant sex differences in favour of girls both among the first born and also the others. Similarly, there were significant birth order differences in favour of F.P. both among boys and also girls.

(e) First-born Vs. Other Siblings on
Con.Ref. Scale - Fashions:(C-R:F)

The results in this respect are summarized in Tables No. (C-R:F)-2(a), (b) and (c). The findings are given below:

(i) Sex was highly significant beyond .01 level. Girls were far more reformist (2.33) in their views on fashions than boys (1.56) on the whole, as expected.

(iii) There was also significant interaction beyond .01 level. The closer examination of results in table 1(c) reveals that there were significant sex differences in favour of girls both among the F.B. and also others; and that there were also significant birth order differences both among boys and also girls, but in opposite direction, i.e. first born boys scored

higher than other later born boys, but other later born girls scored higher than first born boys. This accounts for interaction. In other words, sex was significant in all cases in favour of girls; similarly birth order was also significant in all cases, but more favourably with first-born boys and other later born girls.

3. Comparison between the Only Child Group and Other First-born Group:

In order to compare the only children with the rest first-born children, data of boys and girls were separately tabulated accordingly and subjected to needed statistical analysis. The results obtained with the help of such analysis have been summarized in Tables No.3(a) (b) and (c) as usual, for each of five aspects of C.R:Scale, i.e. in tables marked C.R:S, C-R:R, C.R:E, C.R:W and C.R.:F as usual. The findings are described in the following paragraphs:

(a) Only Child Group Vs. Other First Born Group on C.R Scale-Social (C.R:S)

The results in this respect have been summarized in Tables No. (C-R:S)-3(a), (b) and (c). The findings are given below :

(i) Sex was significant at .01 level. Boys were socially more reformist (15.32) than girls (14.23) on the whole in this group of comparison.

(ii) Birth order on the whole did not appear to be significant.

(iii) However, there was significant interaction between the two variables. Examination of results in table 3(c) in this respect clearly indicates that there were significant sex differences only among the only born and not among the other F.B. However, there were significant birth order differences in both sex groups, but in opposite directions, thus washing out birth order effect. Thus, among only children boys scored far higher than the girls; and among other F.B., there were no sex differences. Similarly, among boys, only children scored higher than other F.B. and among girls, other F.B. scored higher than only children. Thus washing out birth order effect. This accounts for significant interaction as well as significant sex effect, but wash out of birth order effect on the whole.

In other words, sex was significant only with only born group, and birth order was significant with both sex groups but in opposition directions so as to wash out effect of birth order.

(b) Only Child Vs. Other First-born
on C.R.Scale - Religious: (C-R:R)

These results are presented in Table No. C-R:R)-3 (a), (b) and (c). The inferences warranted are :

(i) Sex was significant beyond .01 level. Girls were religiously more reformist (10.59) than boys (9.05), contrary to expectation under our social structure.

(ii) Birth order was not significant.

(iii) However, there was significant interaction. Results in Table 3(c) reveal that there were significant sex differences among only other F.B. in favour of girls and not among only born; similarly, there were significant birth order differences among girls in favour of other F.B., and not among boys. This accounts for significant interaction.

In other words, sex was significant only among the other first born and birth order was significant only among girls.

(c) Only Child Vs. Other First Born
on C-R. Scale-Educational (C-R:E)

These results are summarized in tables No. (C-R:E)-3(a), (b) and (c) and findings therefrom are described below:

(i) Sex was significant at .01 level. Boys were educationally more reformist (12.27) than girls (11.09).

(ii) Birth order was also significant at .01 level. Other first born were educationally more reformist (11.89) than only born (10.85).

(iii) There was significant interaction; boys always scored higher than girls in both birth orders and similarly other F.B. scored always higher than only born in both sexes. Still, the close examination of results in table 3(c) reveals that boys were significantly higher than girls only among the only born and not significantly among the other F.B. though tended to be higher. Similarly, the other F.B. were significantly higher than only born in case of only girls and not significantly in case of boys though tended to be higher.

In other words, sex was truly playing effective role simply with only-born children, and birth order was playing effectively simply with girls.

(d) Only Child Vs. Other First born
on C-R. Scale - Women (C-R:W) :

These results are presented in Tables No.(C-R:W)-3 (a), (b) and (c) which reveal the following findings:

(i) Sex was significant beyond .01 level. Girls as expected were far more reformist (12.86) than boys (9.17) in their views on women.

(ii) Birth order was also significant .01 level. The only born were more reformist (12.17) than the other first born (10.72).

(iii) There was lack of interaction between the two. Examination of results in Table 1(c) also reveals that girls were significantly more reformist in both birth orders, and the only born were significantly more reformist than the other first-born - i.e. both factors were significant in same direction, thus without any interaction.

(e) Only Child Vs. Other First Born
on C-R. Scale - Fashions (C-R:F)

These results can be observed in Tables No. (C-R:F)-3(a), (b) and (c), revealing the following results:

(i) Sex was significant at .01 level. On the whole, girls naturally were more reformist (2.03) than boys (1.65) in matters of fashion.

(ii) Birth order was also equally significant at .01 level. Other first born were more reformist (1.92) than the only born (1.55) on the whole.

(iii) There was lack of significant interaction; girls scored higher than boys at both levels of birth order and other F.B. scored higher than only born at both levels of sex. However, closer examination of table 3(c) reveals that sex was significantly effective with other F.B. and not with only born; similarly birth order was significantly effective with girls and not with boys.

4. Comparison between Only Children(Boys)
and Other First Born (Boys)

The results in preceding section give the comparison of only child group and other first born group combining boys and girls generally as warranted by F-Test and then separately for boys and girls as warranted by L.S.D. Test. To be more exact, the same data of boys and girls were separately subjected to F-Test and the results are reproduced below in this section for boys and in the next section for girls.

(a) Only born Boys Vs. Other First Born
Boys on C-R Scale-Social (C-R:S) :

The results of boys are presented in Tables No.(C-R:S)-4 (a) and (b).

It is revealed from the results that there were significant birth order differences at .01 level between the only

born boys and the other first born boys, thus confirming the finding in table No.C-R:S)-3(c). The only born boys were more reformist (16.86) than other first born boys (14.94).

(b) Only born Boys and Other First born Boys on C-R. Scale-Religious(C-R:R):

The results in Table No.(C-R:R)-4(a) and (b) in this regard reveal that only born boys were not different from other first born boys on C-R Scale (Religious), thus confirming the finding in Table No.(C-R:R)-3(c).

(c) Only born Boys Vs. Other First born Boys on C-R.Scale-Educational(C-R:E)

Again the results in Table No.C-R:E)-4(a) and (b) confirm the similar finding in Table No.C-R:E)-3(c) that only born boys were not different from other first born boys.

(d) Only born Boys Vs. Other First Born Boys on C-R.Scale-Women (C-R:W) :

The results in Table No.C-R:W)-4(a) and (b) agree with the finding in Table No.(C-R:W)-3(c) that the difference between the only born boys and other first born on reformist attitude towards matters pertaining to women was significant at .01 level of confidence. Only born boys were more reformist (10.46) than other first born (8.85).

(e) Only born Boys Vs. Other First born
Boys on C-R.Scale-Fashions (C-R:F):

Finally, the finding from the results in Table No. (C-R:F)-4(a) and (b) confirms the earlier finding from results in Table No.C-R:F)-3(c) that there was significant difference between the only born boys and other first born boys on their reformist attitude towards matters pertaining to fashions.

5. Comparison between Only Children
(Girls) and Other First Born(Girls):

As stated earlier in the beginning of Section 4 above, the results of F.Test on separate data of girls from only born group and other first born group have been reproduced in Tables No.5(a) and (b) with respect to their reformist attitude towards each of the five aspects in respective Tables 5-C-R:S, C-R:R, C-R:E, C-R:W and C-R:F. The findings are summarized below and confirm the similar earlier findings in Tables No.3(c) on C-R:S, C-R:R, C-R:E, C-R:W and C-R:F respectively, based on L.S.D. Test.

(a) With respect to reformist views on social aspects, other born girls were significantly more reformist (14.67) than the only born girls (12.48), as revealed in Table No. (C-R:S)-5(a) and (b).

(b) With respect to views on religious aspects, the other first born girls were significantly more reformist (10.95) than the only born girls (9.16), as revealed in Table No.C-R:R)-5(a) and (b).

(c) As regards to views on educational matters, the other first born girls were significantly more reformist (11.42) than the only born girls (9.78), as revealed in Table No.(C-R:E)-5 (a) and (b).

(d) Regarding the views pertaining to women, the only born girls were significantly more reformist (13.88) than the other first born girls (12.60), as revealed in Table No.(C-R:W)-5(a) and (b).

(e) Finally, as regards the views on fashions, the other first born girls were significantly more reformist (2.15) than the only born girls (1.56), as revealed in Table No.C-R:F)-5 (a) and (b).

All these findings confirm the similar earlier findings in respective Tables 3(c).

6. Comparison between the First-born of Mixed Sex Siblings and the First-born of Same Sex Siblings

With a view to studying likely differences in views of the first-born of mixed sex siblings and the first-born of

same sex siblings in the family, data were tabulated accordingly and subjected to F-Test. The results of such analysis are presented in respective tables No.C-R:S, C-R:R, C-R:E, C-R:W, C-R:F 6 (a) and (b) on each of five aspects. The findings are described below :

(a) As regards the views on social aspects, same-sex first-born were not different from mixed sex first born, though the former tended to score somewhat higher (15.18) than the latter (14.63), as revealed in Table No.(C-R:S)-6 (a) and (b).

(b) Regarding the views on religious matters, both groups were almost equally reformist (9.97 of M.S. and 9.95 of S.S.), as revealed in Table No. (C-R:R)-6 (a) and (b).

(c) Similarly on educational views also there were no significant differences though M.S. tended to score somewhat higher (12.08) than S.S. (11.32), as revealed in Table No. (C-R:E)-6 (a) and (b).

(d) As expected, on views pertaining to women, the mixed sex first born were significantly more reformist (11.15) than the same sex first born (9.44), as revealed in Table No. C.R:W)-6 (a) and (b).

(e) Finally, as regards the views on fashions, contrary to expectation, there were not observed any significant differences between the two groups (1.94 of M.S. and 1.85 of Same Sex, as revealed in Table No.(C-R:F)-6 (a) and (b).

In general it may be said that first born siblings of mixed sex were somewhat more reformist than those of same sex, though not significantly, except the significance in views on women.

7. Comparison between the Only Born and Other Later-born (excluding the First-born)

The data of boys and girls again tabulated and analysed in such a way as to bring out the comparison between the only born on one hand and the other later born (excluding the first born) on the other hand. The results of statistical analysis of these data are presented in Tables 7(a), (b) and (c) in usual pattern, with respect to each of five aspects of Con-Ref. Scale, viz. C-R:S, C-R:R, C-R:E, C-R:W and C.R.F. The findings are described in the following lines :

(a) Only Born Vs. Later Born on C-R.Scale-Social (C-R:S) :

These results are summarized in Table No.(C-R:S)-7 (a), (b) and (c). Findings in this respect are :

(i) Sex did not play any significant role, though boys on the whole apparently tended to be socially more reformist (12.07) than girls (11.63).

(ii) Birth order was found to be a significant variable beyond .01 level. The only born were significantly socially more reformist (14.67) than the later born (11.56) on the whole.

(iii) However, there was significant interaction between the two. Examination of results in Table No. C-R:S)-7(c) reveals that birth order was significant with only boys and not with girls; similarly sex was significant also with the only born group and not with the later born. This accounts for significant interaction.

In other words, sex that was observed to be not significant on the whole was truly significant with respect to the only born group, and the birth order which was observed to be significant on the whole was truly effective with respect to boys only.

(b) Only born Vs. Later born on
C-R,Scale-Religious (C-R:R)

The results in this respect are presented in Table No. (C-R:R)-7 (a), (b) and (c).

(i) Sex was a significant factor. On the whole, girls were religiously significantly more reformist (10.84) than boys (7.81).

(ii) Birth order was found to be significant apparently on the whole. Both the only born and the later born scored almost equally (9.23 and 9.29 respectively).

(iii) However, there was significant interaction. The examination of results in Table (C-R:R)-7(c) reveals that sex was a significant factor in favour of girls among the later born and not among the only born; but birth order was significant among both the boys as well as the girls, no doubt in opposite directions, i.e. among boys only born were more reformist (9.30) than the later born (7.63), but among the girls the later born were more reformist (11.03) than the only born (9.16). This accounts for significant interaction.

In short, sex was significant only with respect to the later born, and birth was significant in both levels of sex in opposite way, i.e. favourably towards the only born in case of boys and favourably towards the later born in case of girls.

(c) Only born Vs. Later Born on
C-R. Scale-Educational (C-R:E)

These results are summarized in table No.(C-R:C)-7 (a) and (b). Findings are :

- (i) Sex was not significant.
- (ii) Birth order was not significant.

(iii) Interaction was not significant. Even the examination of figures in each cell reveals that no difference in any pair was significant, though among boys the only born tended to score higher and among girls the later born tended to score higher.

In short, it is inferred that on education views, there was no significant difference anywhere in this comparison.

(d) Only born Vs. Later born on
C-R. Scale-Women (C-R:W) :

The results in this case are summarized in table No. (C-R:W)-7 (a), (b) and (c). Findings are :

(i) Sex was significant beyond .01 level of confidence. Girls on the whole were significantly more reformist (12.10) than boys (9.09) with regard to views on women.

(ii) Birth order was also highly significant. The only born were significantly more reformist (12.17) than the later born (10.69) on the whole.

(iii) At the same time there was a very highly significant interaction between the two beyond .01 level. Examination of results in Table (C-R:W)-7(c) reveals that

(e) Only born Vs. Later born on
C-R.Scale-Fashions (C-R:F):

These results are given in table No. (C-R:F)-7 (a),
(b) and (c) and findings are :

(i) Sex was significant beyond .01 level. Girls on the whole were significantly more reformed (2.40) than boys (1.51) with respect to their views on fashions, as expected.

(ii) Birth order was also significant. The later born on the whole were significantly more reformist (1.99) than the only born (1.55).

(iii) However, there was also significant interactions. The examination of results in Table (C-R:F)-7(c) reveals that sex was significant in favour of girls only among the later born and not among the only born; similarly birth order was significant in favour of the later born only among girls and not among boys. This accounts for significant interaction.

In other words, though both factors were on the whole observed significant, truly the sex was effective with respect to the later born only and birth order was effective with respect to girls only.

8. Comparison between the First born
and the Last born

For this purpose, the data of boys and girls were so analyzed and statistically analysed as to enable the investigator to make comparison between the first born and the last born with regard to their views on each of the five aspects of reformist attitude. The results are given in respective Tables No.8 (a), (b) and (c) as usual, regarding each of five aspects in respective tables marked as C-R:S, C-R:R, C-R:E, C-R:W and C-R:F. The findings are described below :

(a) First born Vs. Last born on
C-R.Scale: Social (C-R:S) :

These results are summarized in Table No. (C-R:S)-8 (a), (b) and (c). Findings are :

(i) Sex was not found significant. On the whole boys (14.01) were not significantly different from girls (13.62) though on the whole boys tended to score somewhat higher.

(ii) Birth order was significant beyond .01 level. The first born on the whole were socially more significantly reformist (14.78) than the last born (12.22).

(iii) However, there was significant interaction. As revealed by Table (C-R:S)-8(c), sex was significant in favour

of boys among the first born only and among the last born. Birth order was significant in favour of the first born both among the boys as well as among the girls. This accounts for significant interaction.

In other words, birth order was definitely significant at both levels of sex, but sex though on the whole not significant was truly significant among the first born only.

(b) First born Vs. Last born on
C-R.Scale-Religious (C-R:R):

These results are given in Table No.C-R:R)-8 (a), (b) and (c) and findings are :

(i) Sex was significant beyond .01 level. Girls on the whole were religiously more reformist (10.78) than boys (8.34).

(ii) Birth order was also significant at .01 level. The first born on the whole were more reformist (9.82) than the last born (8.91).

(iii) However, there was also significant interaction at .01 level. Examination of table No.(C-R:R-8 (c) reveals that sex was significant in favour of girls at both levels of birth order, but birth order was significant in favour of the first born with respect to boys only, and not with respect to girls. This accounts for significant interaction.

In other words, sex was significant on the whole as well as in both birth orders, but both order which was significant on the whole was truly significant among boys only.

(c) First born Vs. Last born on
C-R. Scale: Educational (C-R:E):

These results are given in Table No. (C-R:E)-8 (a) and (b). Findings are :

(i) Sex was significant. Boys were educationally more reformist (11.62) than girls (10.38).

(ii) Birth order was also significant. The first born were more reformist (11.68) than the last born (9.89).

(iii) There did not appear any significant interaction.

As shown by Table (C-R:E)-8(c), boys were more reformist in both birth orders, and the first born were more reformist among both sexes.

(d) First born Vs. Last born on
C-R. Scale-Women (C-R:W) :

These results are given in Table No. (C-R:W)-8 (a), (b) and (c). Findings are :

(i) Sex was significant beyond .01 level. Girls on the whole were more reformist (12.28) than boys (8.94) on views regarding women, as expected.

(ii) Birth order was also significant. The first born on the whole were more reformist (11.01) than the last born (9.82).

(iii) There was lack of interaction. The results in Table (C-R:W)-3(c) reveals that sex was significant in favour of girls in both birth orders, but birth order though significant on the whole was truly effective with girls only, not with boys.

(e) First born Vs. Last born on
C-R.Scale-Fashions (C-R:F):

These results are summarised in Table No. (C-R:F)-8 (a), (b) and (c). Findings are :

(i) Sex was significant beyond .01 level. Girls on the whole were more reformist (2.15) than boys (1.60) with respect to their views on fashions, as expected.

(ii) Birth order was not found significant on the whole.

(iii) However, there was significant interaction.

Examination of results in Table (C-R:F)-3(c) reveals that

sex was significant in favour of girls in both birth orders. But the birth order which was not significant on the whole was truly significant in favour of the last born among the girls, though not among boys.

Thus, sex was definitely significant in all cases, but birth order was significant only among the girls.

9. Comparison between the Last born and the Aggregation of the Second born and the Middle born

In order to have this comparison, data of boys and girls were tabulated accordingly and statistically analysed with respect to each of five aspects of C-R. Scale. The results are given in Tables 9(a), (b) and (c) as usual for each of aspects in tables marked C-R:S, C-R:R, C-R:E, C-R:W and C-R:F. The findings are described below :

(a) Last born Vs. Second-and-Middle born on C-R.Scale-Social(C-R:S):

These results are given in table No.(C-R:S)-9 (a), (b) and (c) and findings are :

(i) Sex was not found to be significant. Both boys and girls were almost equally socially reformist.(11.58 score of boys and 11.54 of girls).

(ii) Birth order was significant at .01 level. Last born were more reformist (12.22) than the aggregate of the second-and-middle born (11.25).

(iii) Interaction was not significant.

Inspection of Table No.C-R:S)-9(c) however reveals that sex was not significant anywhere, but birth order that was significant on the whole was truly significant in favour of the last born only in case of girls.

(b) Last born Vs. Second-and-Middle born
on C-R.Scale - Religious (C-R:P) :

The results are shown in Table No.C-R:R)-9 (a), (b) and (c). Findings are :

(i) Sex was significant beyond .01 level. Girls on the whole were religiously far more reformist (11.03) than boys (7.68)

(ii) Birth order was also significant at .01 level. Aggregate of second-and-middle born were on the whole more reformist (9.47) than the last born (8.91).

(iii) There was no significant interaction.

Table (C-R:R)-9(c) reveals that sex was also significant in both birth orders, but birth order was truly significant only among boys and not girls.

(c) Last born Vs. Second-and-Middle born
on C-R.Scale-Educational (C-R:E) :

The results are given in table No. (C-R:E)-9 (a), (b) and (c). Findings are :

(i) Sex was not significant on the whole.

(ii) Birth order was also not significant on the whole.

(iii) However, the interaction between the two was significant at .01 level.

Results in Table (C-R:E)-9(c) indicate that sex was truly significant among the last born, last born boys being more reformist (10.58) than last born girls (9.09), but not in case of the aggregate group. Similarly, birth order was significant among girls, aggregate girls of the second-and-middle born scoring higher (10.58) than last born girls (9.09), but not in case of boys.

(d) Last born Vs. Second-and-middle born
on C-R. Scale-Women (C-R:W) :

These results are given in Table No. (C-R:W)-9 (a), (b) and (c). Findings are :

(i) Sex was significant beyond .01 level. Girls on the whole were more reformist (11.90) than boys (8.95) on their views.

(ii) Birth order was also significant. Aggregation of second-and-middle born were more reformist (10.62) than last born (9.82) on the whole.

(iii) There was no interaction between the two.

Results in Table No.(C-R:W)-9(c) indicate that sex was significant also at both levels of birth order, in favour of girls. But birth order that was significant on the whole was truly significant only among the girls, not among the boys.

(e) Last born Vs. Second-and-middle born
on C-R.Scale- Fashions (C-R:F) :

These results are summarized in Table No. (C-R:F)-9 (a), (b) and (C). Findings are :

(i) Sex was significant. Girls on the whole were far more reformist (2-50) than boys (1.51) on views on fashions, as expected.

(ii) Birth order was not significant.

(iii) Nor was interaction significant.

Results in Table (C-R:F)-9(c) also indicate that only sex was significant in both birth orders in favour of girls, but birth order was nowhere significant.

10. Comparison between the Last born
and the Only born :

Again, data of boys and girls for this purpose were accordingly tabulated and statistically analysed to enable the investigator to study the comparison between the last born and the only born children. Results are summarised in Tables 10 (a), (b) and (c) as usual for each of five aspects of C.R. Scale, respectively shown under C-R:S, C-R:R, C-R:E, C-R:W and C-R:F. The findings are described below for each of five aspects :

(a) Last born Vs. Only born on
C-R. Scale-Social (C-R:S):

These results can be read from Table No. (C-R:S)-10

(a), (b) and (c). Findings are :

(i) Sex was not found to be significant. On the whole, both boys (13.13) and girls (12.51) were socially almost equally reformist.

(ii) Birth order was significant at .01 level. The only born were socially more reformist (14.57) than the last born (12.22).

(iii) However, there was also significant interaction.

Results in Table No. (C-R:S)-10(c) indicate that sex not significant on the whole was truly significant among the only born, boys scoring higher (16.86) than girls (12.48), but not so among the last born. Similarly, birth order significant on the whole was truly significant among boys, only born scoring higher (16.86) than last born (11.95) but not among girls.

In other words, sex was significant among the only born, and birth order was significant among the boys, and in no other case.

(b) Last born and Only born on
C-R.Scale-Religious (C-R:R):

Results are given in Table No.C-R:R)-10 (A),(b) and (c).
Findings are :

(i) Sex was significant beyond .01 level. Girls were on the whole religiously more reformist (10.39) than boys(7.73).

(ii) Birth order on the whole was not significant.

(iii) There was significant interaction between the two.

Results in Table No.C-R:R)-10(c) indicate that sex was significant truly in case of the last born, and in the only born. Similarly, birth order not significant on the whole was truly significant separately both with boys and girls, but

in opposite direction, thus accounting for significant interaction, i.e. in case of boys, only born scored higher (9.30) than last born (7.23), and in case of girls, the last born scored higher (19.84) than the only born (9.16).

Thus, sex was truly significant with the last born, and birth was significant with both sexes, but in opposite directions.

(c) Last born Vs. Only born on
C-R.Scale: Educational(C-R:E):

These results are given in Table No.C-r:E)-10(a),(b)and (c), and findings are :

(i) Sex was significant. Boys on the whole were educationally more reformist (10.10) than girls (9.27).

(ii) Birth order was not significant on the whole.

(iii) Nor was interaction significant.

Results in Table (C-R:E)-10(c) indicate that sex was significant also in both birth orders, and birth order though not significant on the whole was significant in case of boys, only born boys scoring higher (11.92) than last born boys (10.58), but not so among girls.

(d) Last born Vs. Only born on
C-R. Scale; Women (C-R:W) :

Results are given in Table No. (C-R:W)-10(a), (b) and (c).

Findings are :

(i) Sex was significant beyond .01 level. Girls on the whole were naturally more reformist (11.95) than boys (9.03) on views on women.

(ii) Birth order was also significant beyond .01 level. The Only born on the whole was more reformist (12.17) than the last born (9.82).

(iii) There was no interaction between the two.

Results in Table (C-R:W)-10(c) indicate that sex was significant in favour of girls in both birth orders. Birth order was also significant in favour of the only born in both sexes.

(e) Last virb Vs. Only born on
C-R. Scale : Fashions (C-R:F):

The results in this respect are summarized in Table No. (C-R:F)-10(a), (b) and (c). Findings inferred therefrom are enumerated below :

(i) Sex was significant beyond .01 level. Girls on the whole were more reformist (2.18) than boys (1.51) on views on fashions, as expected.

(ii) Birth order was also significant beyond .01 level. The last born on the whole were more reformist (1.92) than the only born (1.55).

(iii) Interaction was also significant.

Inspection of results in Table No.(C-R:F)-10(c) reveals that sex though significant on the whole was truly significant among the last born and not among the only born. Similarly, birth order though significant on the whole was truly significant, among the girls and not among the boys. This explains the significant interaction.

In other words, sex was effective with the last born only and birth order was effective with girls only.

This completes the discussion of results with regard to comparison between different birth orders. The next section deals with comparison between different family sizes on various birth order positions.

III ANALYSIS FOR COMPARISON BETWEEN
DIFFERENT FAMILY SIZES AT EACH
BIRTH ORDER

The earlier section has dealt with a number of findings with regard to comparing one birth order category with the other birth order category as well as sex differences therein. The present section is devoted to the comparison of different family sizes at each of four birth orders and sex differences therein at the same time the data have been separated out accordingly for boys and girls coming from each possible family size group at each birth order and subjected to adequate statistical analysis (F-Test as well as L.S.D. Test) to study separately the contribution of family size and sex to each aspect of C-R. Scale. The results of this analysis have been summarized in Tables No. 11 to 14 (a), (b) and (c) following the same pattern of presentation as in earlier cases, separately for each of five aspects in tables marked C-R:S, C-R:R, C-R:E, C-R:W and C-R:F. All these tables from 11 to 14 are presented together for each aspect one after the other, and findings are discussed below :

Group XI : First-born Boys Vs. First Born Girls Social
Sex Vs. Family Size

(C-R: S) Table 11(a) - Showing Mean Scores

| Family Size | Boys | | Girls | | Total | |
|-------------|------|-------|-------|-------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| F1 | 50 | 16.86 | 50 | 12.48 | 100 | 14.67 |
| F2 | 60 | 14.40 | 60 | 12.36 | 120 | 13.51 |
| F3 | 35 | 14.11 | 35 | 15.54 | 70 | 14.82 |
| F4 | 35 | 14.31 | 35 | 16.05 | 70 | 15.18 |
| F5 | 35 | 16.26 | 35 | 14.88 | 70 | 15.87 |
| F6 | 35 | 16.00 | 35 | 15.71 | 70 | 15.85 |
| Total | 250 | 15.32 | 250 | 14.23 | 500 | 14.78 |

(C-R:) Table 11(b) - Showing Analysis of Variance for
Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|-------------|-----|----------|--------|---------|-------------|
| Sex | 1 | 147.96 | 147.96 | 6.20 | Sig. at .05 |
| Family Size | 5 | 648.48 | 129.69 | 5.44 | Sig at .05 |
| S X F | 5 | 229.45 | 45.89 | 1.92 | Not sig. |
| Within | 488 | 11633.91 | 23.83 | | |
| Total | 499 | 12659.80 | | | |

(C-R: S) Table 11(c) - Showing Results of LSD Test

| Family- Size wise | Groups | Boys | Girls | Total |
|-------------------------|--------|-------------|-------------|----------|
| | F1-F2 | Sig. at .05 | Not sig. | Not sig. |
| | F1-F3 | Sig. at .05 | Sig. at .05 | Not sig. |
| | F1-F4 | Sig. at .05 | Sig. at .05 | Not sig. |
| | F1-F5 | Not sig. | Sig. at .05 | Not sig. |
| | F1-F6 | Not sig. | Sig. at .05 | Not sig. |
| | F2-F3 | Not sig. | Sig. at .05 | Not sig. |
| | F2-F4 | Not sig. | Sig. at .01 | Not sig. |
| | F2-F5 | Not sig. | Not sig. | Not sig. |
| | F2-F6 | Not sig. | Sig. at .05 | Not sig. |
| | F3-F4 | Not sig. | Not sig. | Not sig. |
| | F3-F5 | Not sig. | Not sig. | Not sig. |
| | F3-F6 | Not sig. | Not sig. | Not sig. |
| | F4-F5 | Not sig. | Not sig. | Not sig. |
| | F4-F6 | Not sig. | Not sig. | Not sig. |
| | F5-F6 | Not sig. | Not sig. | Not sig. |

Sex-wise : In F1 : Boys-Girls - Sig. at .01
 F2 : Boys-Girls - Not sig.
 F3 : Boys-Girls - Not sig.
 F4 : Boys-Girls - Not sig.
 F5 : Boys-Girls - Not sig.
 F6 : Boys-Girls - Not sig.

Group XI : First-born Boys Vs. First Born Girls Religion
Sex Vs. Family Size

(C-R:R) Table 11(a) - Showing Mean Scores

| Family Size | Boys | | Girls | | Total | |
|-------------|------|-------|-------|-------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| F1 | 50 | 9.30 | 50 | 9.16 | 100 | 9.23 |
| F2 | 60 | 7.33 | 60 | 10.98 | 120 | 9.15 |
| F3 | 35 | 8.94 | 35 | 10.54 | 70 | 9.74 |
| F4 | 35 | 9.31 | 35 | 10.54 | 70 | 9.94 |
| F5 | 35 | 10.32 | 35 | 11.11 | 70 | 10.74 |
| F6 | 35 | 10.14 | 35 | 11.54 | 70 | 10.84 |
| Total | 250 | 9.05 | 250 | 10.59 | 500 | 9.32 |

(C-R:) Table 11(b) - Showing Analysis of Variance for,
Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|-------------|-----|---------|--------|---------|-----------------|
| Sex | 1 | 299.53 | 299.53 | 29.333 | Sig. beyond .01 |
| Family Size | 5 | 221.63 | 44.32 | 4.34 | Not sig. |
| S X F | 5 | 217.03 | 43.40 | 4.25 | Not sig. |
| Within | 488 | 4986.97 | 10.23 | | |
| Total | 499 | 5725.16 | | | |

(C-R: R) Table 11(c) - Showing Results of LSD Test

| Family- Size wise | Groups | Boys | Girls | Total |
|-------------------------|--------|-------------|-------------|-------------|
| | F1-F2 | Sig. at .01 | Sig. at .05 | Not sig. |
| | F1-F3 | Not sig. | Not sig. | Not sig. |
| | F1-F4 | Not sig. | Not sig. | Not sig. |
| | F1-F5 | Not sig. | Sig. at .05 | Sig. at .05 |
| | F1-F6 | Not sig. | Sig. at .05 | Sig. at .05 |
| | F2-F3 | Sig. at .05 | Not sig. | Not sig. |
| | F2-F4 | Sig. at .05 | Not sig. | Not sig. |
| | F2-F5 | Sig. at .01 | Not sig. | Not sig. |
| | F2-F6 | Sig. at .01 | Not sig. | Not sig. |
| | F3-F4 | Not sig. | Not sig. | Not sig. |
| | F3-F5 | Sig. at .05 | Not sig. | Not sig. |
| | F3-F6 | Sig. at .05 | Not sig. | Not sig. |
| | F4-F5 | Not sig. | Not sig. | Not sig. |
| | F4-F6 | Not sig. | Not sig. | Not sig. |
| | F5-F6 | Not sig. | Not sig. | Not sig. |

Sex-wise : In F1 : Boys-Girls - Not sig.
 F2 : Boys-Girls - Sig. at .01
 F3 : Boys-Girls - Sig. at .01
 F4 : Boys-Girls - Not sig.
 F5 : Boys-Girls - Not sig.
 F6 : Boys-Girls - Sig. at .05

Group XI : First-born Boys Vs. First Born Girls Educational
Sex Vs. Family Size

(C-R: E) Table 11(a) - Showing Mean Scores

| Family Size | Boys | | Girls | | Total | |
|----------------|------|-------|-------|-------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| F1 | 50 | 11.92 | 50 | 9.78 | 100 | 10.85 |
| F2 | 60 | 11.30 | 60 | 9.71 | 120 | 10.50 |
| F3 | 35 | 11.94 | 35 | 11.71 | 70 | 11.82 |
| F4 | 35 | 11.80 | 35 | 12.02 | 70 | 11.91 |
| F5 | 35 | 13.85 | 35 | 12.20 | 70 | 13.02 |
| F6 | 35 | 13.65 | 35 | 12.68 | 70 | 13.16 |
| Total | 250 | 12.27 | 250 | 11.09 | 500 | 11.68 |

(C-R: E) Table 11(b) - Showing Analysis of Variance for
Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|----------------|-----|---------|--------|---------|-------------|
| Sex | 1 | 172.87 | 172.87 | 15.80 | Sig. at .01 |
| Family Size | 5 | 521.99 | 104.39 | 9.54 | Sig. at .01 |
| S X F | 5 | 83.22 | 16.64 | 1.52 | Not sig. |
| Within | 488 | 5889.00 | 10.94 | " | |
| Total | 499 | 6117.08 | | | |

(C-R: E) Table 11(c) - Showing Results of LSD Test

| Family- Size wise | Groups | Boys | Girls | Total |
|-------------------------|--------|-------------|-------------|-------------|
| | F1-F2 | Not sig. | Not sig. | Not sig. |
| | F1-F3 | Not sig. | Sig. at .05 | Not sig. |
| | F1-F4 | Not sig. | Sig. at .01 | Not sig. |
| | F1-F5 | Sig. at .01 | Sig. at .01 | Sig. at .05 |
| | F1-F6 | Sig. at .01 | Sig. at .01 | Sig. at .05 |
| | F2-F3 | Not sig. | Sig. at .05 | Not sig. |
| | F2-F4 | Not sig. | Sig. at .05 | Not sig. |
| | F2-F5 | Sig. at .05 | Sig. at .01 | Sig. at .05 |
| | F2-F6 | Sig. at .05 | Sig. at .01 | Sig. at .05 |
| | F3-F4 | Not sig. | Not sig. | Not sig. |
| | F3-F5 | Sig. at .05 | Not sig. | Sig. at .05 |
| | F3-F6 | Sig. at .05 | Not sig. | Sig. at .05 |
| | F4-F5 | Sig. at .05 | Not sig. | Sig. at .05 |
| | F4-F6 | Sig. at .05 | Not sig. | Sig. at .05 |
| | F5-F6 | Not sig. | Not sig. | Not sig. |

Sex-wise : In F1 : Boys-Girls - Sig. at .01
 F2 : Boys-Girls - Sig. at .01
 F3 : Boys-Girls - Not sig.
 F4 : Boys-Girls - Not sig.
 F5 : Boys-Girls - Sig. at .05
 F6 : Boys-Girls - Not sig.

Group XI : First-born Boys Vs. First Born Girls Women
Sex Vs. Family Size

(C-R:W) Table 11(a) - Showing Mean Scores

| Family Size | Boys | | Girls | | Total | |
|-------------|------|-------|-------|-------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| F1 | 50 | 10.46 | 50 | 13.88 | 100 | 12.17 |
| F2 | 60 | 8.51 | 60 | 12.20 | 120 | 10.35 |
| F3 | 35 | 8.28 | 35 | 11.37 | 70 | 9.82 |
| F4 | 35 | 8.40 | 35 | 11.60 | 70 | 10.00 |
| F5 | 35 | 9.68 | 35 | 13.88 | 70 | 11.78 |
| F6 | 35 | 9.60 | 35 | 14.25 | 70 | 11.92 |
| Total | 250 | 9.17 | 250 | 12.86 | 500 | 11.01 |

(C-R:) Table 11(b) - Showing Analysis of Variance for.
Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|-------------|-----|----------|---------|---------|-----------------|
| Sex | 1 | 1700.17 | 1700.17 | 97.20 | Sig. beyond .01 |
| Family Size | 5 | 455.78 | 91.15 | 5.21 | Sig. at .05 |
| S X F | 5 | 33.32 | 6.66 | .038 | Not sig. |
| Within | 488 | 8535.61 | 17.49 | | |
| Total | 499 | 10724.88 | | | |

(C-R:W) Table 11(c) - Showing Results of LSD Test

| Family- Size wise | Groups | Boys | Girls | Total |
|-------------------------|--------|-------------|-------------|-------------|
| | F1-F2 | Not sig. | Not sig. | Not sig. |
| | F1-F3 | Sig. at .05 | Sig. at .05 | Sig. at .05 |
| | F1-F4 | Sig. at .05 | Sig. at .05 | Sig. at .05 |
| | F1-F5 | Not sig. | Not sig. | Not sig. |
| | F1-F6 | Not sig. | Not sig. | Not sig. |
| | F2-F3 | Not sig. | Not sig. | Not sig. |
| | F2-F4 | Not sig. | Not sig. | Not sig. |
| | F2-F5 | Not sig. | Not sig. | Not sig. |
| | F2-F6 | Not sig. | Not sig. | Not sig. |
| | F3-F4 | Not sig. | Sig. at .05 | Not sig. |
| | F3-F5 | Not sig. | Sig. at .05 | Not sig. |
| | F3-F6 | Not sig. | Sig. at .05 | Sig. at .05 |
| | F4-F5 | Not sig. | Sig. at .05 | Not sig. |
| | F4-F6 | Not sig. | Sig. at .01 | Not sig. |
| | F5-F6 | Not sig. | Not sig. | Not sig. |

Sex-wise : In F1 : Boys-Girls - Sig. at .01
 F2 : Boys-Girls - Sig. at .01
 F3 : Boys-Girls - Sig. at .01
 F4 : Boys-Girls - Sig. at .01
 F5 : Boys-Girls - Sig. at .01
 F6 : Boys-Girls - Sig. at .01

Group XI : First-born Boys Vs. First Born Girls Fashion
Sex Vs. Family Size

(C-R:F) Table 11(a) - Showing Mean Scores

| Family Size | Boys | | Girls | | Total | |
|-------------|------|------|-------|------|-------|------|
| | No. | Mean | No. | Mean | No. | Mean |
| F1 | 50 | 1.54 | 50 | 1.56 | 100 | 1.55 |
| F2 | 60 | 2.20 | 60 | 2.45 | 120 | 2.32 |
| F3 | 35 | 1.40 | 35 | 1.68 | 70 | 1.54 |
| F4 | 35 | 1.30 | 35 | 1.97 | 70 | 1.67 |
| F5 | 35 | 1.50 | 35 | 2.14 | 70 | 1.84 |
| F6 | 35 | 1.57 | 35 | 2.31 | 70 | 1.94 |
| Total | 250 | 1.66 | 250 | 2.03 | 500 | 1.84 |

(C-R:F) Table 11(b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|-------------|-----|--------|-------|---------|-----------------|
| Sex | 1 | 17.67 | 17.67 | 13.59 | Sig. beyond .01 |
| Family Size | 5 | 45.48 | 9.09 | 6.99 | Sig. at .01 |
| S X F | 5 | 07.89 | 1.57 | 1.20 | Not sig. |
| Within | 488 | 638.41 | 1.30 | | |
| Total | 499 | 709.45 | | | |

(C-R: F) Table 11(c) - Showing Results of LSD Test

| Family- Size wise | Groups | Boys | Girls | Total |
|-------------------------|--------|-------------|-------------|-------------|
| | F1-F2 | Sig. at .05 | Sig. at .05 | Sig. at .05 |
| | F1-F3 | Not sig. | Not sig. | Not sig. |
| | F1-F4 | Not sig. | Not sig. | Not sig. |
| | F1-F5 | Not sig. | Not sig. | Not sig. |
| | F1-F6 | Not sig. | Not sig. | Not sig. |
| | F2-F3 | Sig. at .05 | Sig. at .05 | Sig. at .05 |
| | F2-F4 | Sig. at .05 | Not sig. | Sig. at .05 |
| | F2-F5 | Sig. at .05 | Not sig. | Not sig. |
| | F2-F6 | Sig. at .05 | Not sig. | Not sig. |
| | F3-F4 | Not sig. | Not sig. | Not sig. |
| | F3-F5 | Not sig. | Sig. at .05 | Not sig. |
| | F3-F6 | Not sig. | Sig. at .05 | Not sig. |
| | F4-F5 | Not sig. | Not sig. | Not sig. |
| | F4-F6 | Not sig. | Not sig. | Not sig. |
| | F5-F6 | Not sig. | Not sig. | Not sig. |

Sex-wise : In F1 : Boys-Girls - Not sig.
 F2 : Boys-Girls - Not sig.
 F3 : Boys-Girls - Not sig.
 F4 : Boys-Girls - Sig. at .05
 F5 : Boys-Girls - Sig. .05
 F6 : Boys-Girls - sig. .05

Group XII : Second-Born Boys Vs. Second-Born Girls Social
Sex Vs. Family Size (C - R : S)

Table 12 (a) - Showing Mean Scores

| Family Size | Boys | | Girls | | Total | |
|-------------|------|-------|-------|--------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| F3 | 31 | 13.06 | 41 | 12.12. | 72 | 12.53 |
| F4 | 67 | 13.40 | 67 | 10.89 | 134 | 12.14 |
| F5 | 27 | 15.77 | 26 | 13.80 | 53 | 14.81 |
| F6 | 25 | 10.28 | 24 | 8.08 | 49 | 9.20 |
| Total | 150 | 13.24 | 158 | 11.26 | 308 | 12.23 |

Table 12(b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|-------------|-----|---------|--------|---------|-------------|
| Sex | 1 | 299.90 | 299.90 | 19.27 | Sig. at .01 |
| Family Size | 3 | 812.98 | 270.99 | 17.41 | Sig. at .01 |
| S X F | 3 | 551.08 | 183.69 | 11.80 | Sig. at .01 |
| Within | 300 | 4668.13 | 15.56 | | |
| Total | 307 | 6332.09 | | | |

Table 12 (c) - Showing Results of LSD Test

Family Size-wise :

| Group | Boys | Girls | Total |
|-------|-------------|-------------|-------------|
| F3-F4 | Not sig. | Not sig. | Not sig. |
| F3-F5 | Sig. at .01 | Not sig. | Sig. at .01 |
| F3-F6 | Sig. at .01 | Sig. at .01 | Sig. at .01 |
| F4-F5 | Sig. at .01 | Sig. at .01 | Sig. at .01 |
| F4-F6 | Sig. at .01 | Sig. at .01 | Sig. at .01 |
| F5-F6 | Sig. at .01 | Sig. at .01 | Sig. at .01 |

Sex-wise :

| | | | |
|-------|--------------|---|--------------|
| In F3 | : Boys-Girls | - | Not sig. |
| F4 | : Boys-Girls | - | Sig. at .01 |
| F5 | : Boys-Girls | - | Sig. at .01 |
| F6 | : Boys-Girls | - | Sigg. at .05 |

Group XII : Second-Born Boys Vs. Second-Born Girls Religion
Sex Vs. Family Size (C - R : R)

Table 12 (a) - Showing Mean Scores

| Family Size | Boys | | Girls | | Total | |
|-------------|------|------|-------|-------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| F3 | 31 | 5.16 | 41 | 10.56 | 72 | 8.23 |
| F4 | 67 | 8.19 | 67 | 12.13 | 134 | 10.16 |
| F5 | 27 | 7.11 | 26 | 11.28 | 53 | 9.15 |
| F6 | 25 | 8.88 | 24 | 8.16 | 49 | 8.53 |
| Total | 150 | 7.48 | 158 | 10.98 | 308 | 9.27 |

Table 12(b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|-------------|-----|---------|--------|---------|-----------------|
| Sex | 1 | 939.56 | 939.56 | 75.04 | Sig. beyond .01 |
| Family Size | 3 | 211.60 | 70.53 | 5.63 | Sig. at .05 |
| S X F | 3 | 330.48 | 110.16 | 8.79 | Sig. at .01 |
| Within | 300 | 3756.35 | 12.52 | | |
| Total | 307 | 5237.99 | | | |

Table 12 (c) - Showing Results of LSD Test

Family Size-wise :

| Group | Boys | Girls | Total |
|-------|-------------|-------------|-------------|
| F3-F4 | Sig. at .01 | Sig at .05 | Sig. at .05 |
| F3-F5 | Sig. at .05 | Not sig. | Not sig. |
| F3-F6 | Sig. at .01 | Sig. at .05 | Not sig. |
| F4-F5 | Not sig. | Not sig. | Not sig. |
| F4-F6 | Not sig. | Sig. at .01 | Sig. at .05 |
| F5-F6 | Not sig. | Sig. at .01 | Not sig. |

Sex-wise :

| | | |
|-------|--------------|-------------------|
| In F3 | : Boys-Girls | - Sig. beyond .01 |
| F4 | : Boys-Girls | - Sig. beyond .01 |
| F5 | : Boys-Girls | - Sig. beyond .01 |
| F6 | : Boys-Girls | - Not sig. |

Group XII : Second-Born Boys Vs. Second-Born Girls Education
Sex Vs. Family Size (C - R : E)

Table 12 (a) - Showing Mean Scores

| Family Size | Boys | | Girls | | Total | |
|-------------|------|-------|-------|-------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| F3 | 31 | 14.12 | 41 | 12.92 | 72 | 13.44 |
| F4 | 67 | 11.94 | 67 | 12.20 | 134 | 12.07 |
| F5 | 27 | 11.18 | 26 | 11.50 | 53 | 11.33 |
| F6 | 25 | 10.60 | 24 | 9.25 | 49 | 10.00 |
| Total | 150 | 12.05 | 158 | 11.83 | 308 | 11.94 |

Table 12(b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|-------------|-----|---------|--------|---------|-------------|
| Sex | 1 | 3.86 | 3.86 | .025 | Not sig. |
| Family Size | 3 | 368.90 | 122.96 | 8.14 | Sig. at .01 |
| S X F | 3 | 51.82 | 17.27 | 1.14 | Not sig. |
| Within | 300 | 4532.25 | 15.10 | | |
| Total | 307 | 4956.83 | | | |

Table 12 (c) - Showing Results of LSD Test

Family Size-wise :

| Group | Boys | Girls | Total |
|-------|-------------|-------------|-------------|
| F3-F4 | Sig. at .05 | Not sig. | Not sig. |
| F3-F5 | Sig. at .05 | Not sig. | Sig. at .05 |
| F3-F6 | Sig. at .01 | Sig. at .01 | Sig. at .05 |
| F4-F5 | Not sig. | Not sig. | Not sig. |
| F4-F6 | Not sig. | Sig. at .01 | Sig. at .05 |
| F5-F6 | Not sig. | Sig. at .05 | Not sig. |

Sex-wise :

| | | | |
|-------|--------------|---|----------|
| In F3 | : Boys-Girls | - | Not sig. |
| F4 | : Boys-Girls | - | Not sig. |
| F5 | : Boys-Girls | - | Not sig. |
| F6 | : Boys-Girls | - | Not sig. |

Group XII : Second-Born Boys Vs. Second-Born Girls Women
Sex Vs. Family Size (C - R : W)

Table 12 (a) - Showing Mean Scores

| Family Size | Boys | | Girls | | Total | |
|-------------|------|-------|-------|-------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| F3 | 31 | 9.67 | 41 | 13.82 | 72 | 12.04 |
| F4 | 67 | 10.86 | 67 | 12.40 | 134 | 11.63 |
| F5 | 27 | 9.59 | 26 | 10.88 | 53 | 10.22 |
| F6 | 25 | 6.48 | 24 | 9.95 | 49 | 8.18 |
| Total | 150 | 9.66 | 158 | 12.15 | 308 | 10.93 |

Table 12(b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|-------------|-----|---------|--------|---------|-----------------|
| Sex | 1 | 477.81 | 477.81 | 19.67 | Sig. beyond .01 |
| Family Size | 3 | 551.22 | 183.74 | 7.56 | Sig. at .01 |
| S X F | 3 | 75.91 | 25.30 | 1.04 | Not sig. |
| Within | 300 | 7289.89 | 24.29 | | |
| Total | 307 | 8394.83 | | | |

Table 12 (c) - Showing Results of LSD Test

Family Size-wise :

| Group | Boys | Girls | Total |
|-------|-------------|-------------|-------------|
| F3-F4 | Not sig. | Not sig. | Not sig. |
| F3-F5 | Not sig. | Sig. at .05 | Not sig. |
| F3-F6 | Sig. at .05 | Sig. at .01 | Sig. at .01 |
| F4-F5 | Not sig. | Not sig. | Not sig. |
| F4-F6 | Sig. at .01 | Sig. at .05 | Sig. at .05 |
| F5-F6 | Sig. at .05 | Not sig. | Not sig. |

Sex-wise :

| | | |
|-------|--------------|---------------|
| In F3 | : Boys-Girls | - Sig. at .01 |
| F4 | : Boys-Girls | - Not sig. |
| F5 | : Boys-Girls | - Not sig. |
| F6 | : Boys-Girls | - Sig. at .01 |

Group XII : Second-Born Boys Vs. Second-Born Girls Fashion
Sex Vs. Family Size (C - R : F)

Table 12 (a) - Showing Mean Scores

| Family Size | Boys | | Girls | | Total | |
|-------------|------|------|-------|------|-------|------|
| | No. | Mean | No. | Mean | No. | Mean |
| F3 | 31 | 1.74 | 41 | 3.24 | 72 | 2.59 |
| F4 | 67 | 1.34 | 67 | 2.41 | 134 | 1.88 |
| F5 | 27 | 1.86 | 26 | 2.69 | 53 | 2.26 |
| F6 | 25 | 1.28 | 24 | 1.75 | 49 | 1.51 |
| Total | 150 | 1.50 | 158 | 2.57 | 308 | 2.05 |

Table 12(b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|-------------|-----|--------|-------|---------|-----------------|
| Sex | 1 | 87.98 | 87.98 | 83.79 | Sig. beyond .01 |
| Family Size | 3 | 42.10 | 14.03 | 13.36 | Sig. at .01 |
| S X F | 3 | 2.58 | 0.86 | .081 | Not sig. |
| Within | 300 | 323.41 | 1.05 | | |
| Total | 307 | 456.07 | | | |

Table 12 (c) - Showing Results of LSD Test

Family Size-wise :

| Group | Boys | Girls | Total |
|-------|----------|-------------|-------------|
| F3-F4 | Not sig. | Sig. at .05 | Sig. at .05 |
| F3-F5 | Not sig. | Not sig. | Not sig. |
| F3-F6 | Not sig. | Sig. at .01 | Sig. at .05 |
| F4-F5 | Not sig. | Not sig. | Not sig. |
| F4-F6 | Not sig. | Sig. at .05 | Not sig. |
| F5-F6 | Not sig. | Sig. at .05 | Sig. at .05 |

Sex-wise :

| | | | |
|-------|--------------|---|-------------|
| In F3 | : Boys-Girls | - | Sig. at .01 |
| F4 | : Boys-Girls | - | Sig. at .01 |
| F5 | : Boys-Girls | - | Sig. at .01 |
| F6 | : Boys-Girls | - | Not sig. |

Group XIII : Middle-Born Boys Vs. Middle-Born Girls **Social**
(C - R : S) Sex Vs. Family Size

Table 13 (a) - Showing Mean Scores

| Family Size | Boys | | Girls | | Total | |
|-------------|------|-------|-------|-------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| F4 | 30 | 11.10 | 30 | 12.80 | 60 | 11.95 |
| F5 | 55 | 9.47 | 40 | 13.50 | 95 | 11.18 |
| F6 | 92 | 9.65 | 85 | 9.07 | 177 | 9.37 |
| Total | 177 | 9.84 | 155 | 10.94 | 332 | 10.36 |

Table 13 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|-------------|-----|---------|--------|---------|-------------|
| Sex | 1 | 101.18 | 101.18 | 8.71 | Sig. at .01 |
| Family Size | 2 | 389.52 | 194.76 | 16.77 | Sig. at .01 |
| S X F | 2 | 342.09 | 171.04 | 14.73 | Sig. at .01 |
| Within | 326 | 3787.56 | 11.61 | | |
| Total | 331 | 4620.35 | | | |

Table 13 (c) - Showing Results of LSD Test

Family Size-wise :

| Group | Boys | Girls | Total |
|-------|-------------|-------------|-------------|
| F4-F5 | Sig. at .05 | Not sig. | Not sig. |
| F4-F6 | Sig. at .05 | Sig. at .01 | Sig. at .01 |
| F5-F6 | Not sig. | Sig. at .01 | Sig. at .01 |

Sex-Wise :

| | | | | | |
|----|----|---|--------------|---|-------------|
| In | F4 | : | Boys - Girls | - | Sig. at .05 |
| | F5 | : | Boys - Girls | - | Sig. at .01 |
| | F6 | : | Boys - Girls | - | Not sig. |

Group XIII : Middle-Born Boys Vs. Middle-Born Girls Religion
(C - R : R) Sex Vs. Family Size

Table 13 (a) - Showing Mean Scores

| Family Size | Boys | | Girls | | Total | |
|-------------|------|------|-------|-------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| F4 | 30 | 8.70 | 30 | 10.23 | 60 | 9.46 |
| F5 | 55 | 6.30 | 40 | 11.07 | 95 | 8.31 |
| F6 | 92 | 9.25 | 85 | 11.69 | 177 | 10.42 |
| Total | 177 | 8.24 | 155 | 11.25 | 332 | 9.64 |

Table 13 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|-------------|-----|---------|--------|---------|-----------------|
| Sex | 1 | 748.02 | 748.02 | 46.74 | Sig. beyond .01 |
| Family Size | 2 | 277.07 | 138.53 | 8.65 | Sig. at .01 |
| S X F | 2 | 27.18 | 13.59 | 84.93 | Sig. at .01 |
| Within | 326 | 5.50 | 0.16 | | |
| Total | 331 | 1057.77 | | | |

Table 13 (c) - Showing Results of LSD Test

Family Size-wise :

| Group | Boys | Girls | Total |
|-------|-------------|-------------|-------------|
| F4-F5 | Sig. at .01 | Sig. at .01 | Sig. at .01 |
| F4-F6 | Sig. at .01 | Sig. at .05 | Sig. at .01 |
| F5-F6 | Sig. at .01 | Not sig. | Sig. at .01 |

Sex-Wise :

| | | |
|-------|----------------|-------------------|
| In F4 | : Boys - Girls | - Sig. at .05 |
| F5 | : Boys - Girls | - Sig. beyond .01 |
| F6 | : Boys - Girls | - Sig. at .01 |

Group XIII ; Middle-Born Boys Vs. Middle-Born Girls Education
(C - R : E) Sex Vs. Family Size

Table 13 (a) - Showing Mean Scores

| Family Size | Boys | | Girls | | Total | |
|-------------|------|-------|-------|-------|-------|------|
| | No. | Mean | No. | Mean | No. | Mean |
| F4 | 30 | 7.06 | 30 | 7.00 | 60 | 7.03 |
| F5 | 55 | 7.81 | 40 | 11.72 | 95 | 9.49 |
| F6 | 92 | 10.39 | 85 | 9.01 | 177 | 9.72 |
| Total | 177 | 9.02 | 155 | 9.32 | 332 | 9.17 |

Table 13 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|-------------|-----|----------|--------|---------|-------------|
| Sex | 1 | 7.15 | 7.15 | 1.58 | Not sig. |
| Family Size | 2 | 337.33 | 168.66 | 37.39 | Sig. at .01 |
| S X F | 2 | 430.46 | 215.23 | 47.72 | Sig. at .01 |
| Within | 326 | 1471.95 | 4.51 | | |
| Total | 331 | 22.46.89 | | | |

Table 13 (c) - Showing Results of LSD Test

Family Size-wise :

| Group | Boys | Girls | Total |
|-------|-------------|-------------|-------------|
| F4-F5 | Not sig. | Sig. at .01 | Sig. at .01 |
| F4-F6 | Sig. at .01 | Sig. at .01 | Sig. .01 |
| F5-F6 | Sig. at .01 | Sig. at .01 | Not sig. |

Sex-Wise :

| | | | | | |
|----|----|---|--------------|---|-----------------|
| In | F4 | : | Boys - Girls | - | Not sig. |
| | F5 | : | Boys - Girls | - | Sig. beyond .01 |
| | F6 | : | Boys - Girls | - | Sig. at .05 |

Group XIII : Middle-Born Boys Vs. Middle-Born Girls Women
(C - R : W) Sex Vs. Family Size

Table 13 (a) - Showing Mean Scores

| Family Size | Boys | | Girls | | Total | |
|-------------|------|-------|-------|-------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| F4 | 30 | 8.16 | 30 | 8.86 | 60 | 8.51 |
| F5 | 55 | 6.74 | 40 | 12.87 | 95 | 9.32 |
| F6 | 92 | 10.02 | 85 | 13.10 | 177 | 11.50 |
| Total | 177 | 8.68 | 155 | 10.70 | 332 | 10.34 |

Table 13 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|-------------|-----|---------|---------|---------|-----------------|
| Sex | 1 | 1033.53 | 1033.53 | 291.92 | Sig. beyond .01 |
| Family Size | 2 | 536.41 | 268.20 | 75.76 | Sig. beyond .01 |
| S X F | 2 | 264.13 | 132.06 | 37.30 | Sig. beyond .01 |
| Within | 326 | 1056.47 | 3.54 | | |
| Total | 331 | 2890.54 | | | |

Table 13 (c) - Showing Results of LSD Test

Family Size-wise :

| Group | Boys | Girls | Total |
|-------|-------------|-------------|-------------|
| F4-F5 | Sig. at .01 | Sig. at .01 | Not sig. |
| F4-F6 | Sig. at .01 | Sig. at .01 | Sig. at .01 |
| F5-F6 | Sig. at .01 | Not sig. | Sig. at .01 |

Sex-Wise :

| | | |
|-------|----------------|-------------------|
| In F4 | : Boys - Girls | - Not sig. |
| F5 | : Boys - Girls | - Sig. beyond .01 |
| F6 | : Boys - Girls | - Sig. at .01 |

Group XIII : Middle-Born Boys Vs. Middle-Born Girls Fashion
(C - R : F) Sex Vs. Family Size

Table 13 (a) - Showing Mean Scores

| Family Size | Boys | | Girls | | Total | |
|-------------|------|------|-------|------|-------|------|
| | No. | Mean | No. | Mean | No. | Mean |
| F4 | 30 | 1.50 | 30 | 2.66 | 60 | 2.08 |
| F5 | 55 | 1.34 | 40 | 2.25 | 95 | 1.72 |
| F6 | 92 | 1.65 | 85 | 2.57 | 177 | 2.09 |
| Total | 177 | 1.53 | 155 | 2.50 | 332 | 1.98 |

Table 13 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|-------------|-----|--------|-------|---------|-----------------|
| Sex | 1 | 79.14 | 79.14 | 193.02 | Sig. beyond .01 |
| Family Size | 2 | 9.11 | 4.55 | 11.09 | Sig. at .01 |
| S X F | 2 | 2.30 | 1.15 | 2.80 | Not sig. |
| Within | 326 | 134.41 | .41 | | |
| Total | 331 | 224.96 | | | |

Table 13 (c) - Showing Results of LSD Test

Family Size-wise :

| Group | Boys | Girls | Total |
|-------|----------|-------------|-------------|
| F4-F5 | Not sig. | Sig. at .05 | Sig. at .05 |
| F4-F6 | Not sig. | Not sig. | Not sig. |
| F5-F6 | Not sig. | Sig. at .05 | Not sig. |

Sex-Wise :

| | | | |
|-------|----------------|---|-------------|
| In F4 | : Boys - Girls | - | Sig. at .01 |
| F5 | : Boys - Girls | - | Sig. at .01 |
| F6 | : Boys - Girls | - | Sig. at .01 |

Group XIV : Last-Born Boys Vs. Last-Born Girls Social
(C - R : S) Sex Vs. Family Size

Table 14 (a) - Showing Mean Scores

| Family Size | Boys | | Girls | | Total | |
|-------------|------|-------|-------|-------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| F2 | 32 | 14.28 | 31 | 16.45 | 63 | 15.35 |
| F3 | 27 | 14.40 | 21 | 12.76 | 48 | 13.69 |
| F4 | 25 | 9.56 | 24 | 9.37 | 49 | 9.47 |
| F5 | 42 | 9.35 | 31 | 12.41 | 73 | 10.66 |
| F6 | 32 | 12.84 | 31 | 10.96 | 63 | 11.92 |
| Total | 158 | 11.95 | 138 | 12.52 | 296 | 12.22 |

Table 14 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|-------------|-----|---------|--------|---------|----------------|
| Sex | 1 | 23.60 | 23.60 | 1.34 | Not. sig. |
| Family Size | 4 | 1274.83 | 318.70 | 18.20 | Sig. beyond.01 |
| S X F | 4 | 1604.07 | 401.01 | 22.90 | Sig. beyond.01 |
| Within | 286 | 5010.23 | 17.51 | | |
| Total | 295 | 7912.73 | | | |

Table 14 (c) - Showing Results of LSD Test
Family Size-wise :

| Group | Boys | Girls | Total |
|-------|-------------|-------------|-------------|
| F2-F3 | Not sig. | Sig. at .01 | Not sig. |
| F2-F4 | Sig. at .01 | Sig. at .01 | Sig. at .01 |
| F2-F5 | Sig. at .01 | Sig. at .01 | Sig. at .01 |
| F2-F6 | Not sig. | Sig. at .01 | Sig. at .01 |
| F3-F4 | Sig. at .01 | Sig. at .01 | Sig. at .01 |
| F3-F5 | Sig. at .01 | Not sig. | Sig. at .01 |
| F3-F6 | Not sig. | Not sig. | Not sig. |
| F4-F5 | Not sig. | Sig. at .01 | Not sig. |
| F4-F6 | Sig. at .01 | Not sig. | Sig. at .05 |
| F5-F6 | Sig. at .01 | Not sig. | Not sig. |

Sex-wise :

| | | | |
|-------|---------|---|-------------|
| In F2 | : B - G | - | Not sig. |
| F3 | : B - G | - | Not sig. |
| F4 | : B - G | - | Not sig. |
| F5 | : B - G | - | Sig. at .01 |
| F6 | : B - G | - | Not sig. |

Group XIV : Last-Born Boys Vs. Last-Born Girls Religion
(C - R : R) Sex Vs. Family Size

Table 14 (a) - Showing Mean Scores

| Family Size | Boys | | Girls | | Total | |
|-------------|------|------|-------|-------|-------|------|
| | No. | Mean | No. | Mean | No. | Mean |
| F2 | 32 | 8.18 | 31 | 10.39 | 63 | 9.26 |
| F3 | 27 | 8.66 | 21 | 9.76 | 48 | 9.14 |
| F4 | 25 | 6.36 | 24 | 10.50 | 49 | 8.39 |
| F5 | 42 | 6.50 | 31 | 13.22 | 73 | 9.35 |
| F6 | 32 | 6.71 | 31 | 9.58 | 63 | 8.28 |
| Total | 158 | 7.23 | 138 | 10.94 | 296 | 8.91 |

Table 14 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|-------------|-----|---------|--------|---------|----------------|
| Sex | 1 | 958.05 | 959.05 | 115.70 | Sig beyond .01 |
| Family Size | 4 | 63.25 | 15.81 | 1.90 | Not sig. |
| S X F | 4 | 308.68 | 77.17 | 9.32 | Sig. at .01 |
| Within | 286 | 2370.91 | 8.28 | | |
| Total | 295 | 3700.89 | | | |

Table 14 (c) - Showing Results of LSD Test
Family Size-wise :

| Group | Boys | Girls | Total |
|-------|-------------|-------------|----------|
| F2-F3 | Not sig. | Sig. at .05 | Not sig. |
| F2-F4 | Sig. at .05 | Not sig. | Not sig. |
| F2-F5 | Sig. at .05 | Sig. at .01 | Not sig. |
| F2-F6 | Sig. at .05 | Not sig. | Not sig. |
| F3-F4 | Sig. at .05 | Not sig. | Not sig. |
| F3-F5 | Sig. at .05 | Sig. at .01 | Not sig. |
| F3-F6 | Sig. at .05 | Not sig. | Not sig. |
| F4-F5 | Not sig. | Sig. at .05 | Not sig. |
| F4-F6 | Not sig. | Not sig. | Not sig. |
| F5-F6 | Not sig. | Sig. at .01 | Not sig. |

Sex-wise :

| | | | |
|-------|---------|---|-------------|
| In F2 | : B - G | - | Not sig. |
| F3 | : B - G | - | Not sig. |
| F4 | : B - G | - | Sig. at .05 |
| F5 | : B - G | - | Sig. at .01 |
| F6 | : B - G | - | Sig. at .05 |

Group XIV : Last-Born Boys Vs. Last-Born Girls
 (C - R : E) Sex Vs. Family Size

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Education

Table 14 (a) - Showing Mean Scores

| Family Size | Boys | | Girls | | Total | |
|-------------|------|-------|-------|-------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| F2 | 32 | 9.93 | 31 | 11.35 | 63 | 10.63 |
| F3 | 27 | 14.59 | 21 | 8.42 | 48 | 11.90 |
| F4 | 25 | 8.36 | 24 | 6.79 | 49 | 7.59 |
| F5 | 42 | 10.30 | 31 | 10.38 | 73 | 10.34 |
| F6 | 32 | 9.96 | 31 | 7.77 | 63 | 8.89 |
| Total | 158 | 10.58 | 138 | 9.09 | 296 | 9.89 |

Table 14 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|-------------|-----|---------|--------|---------|-------------|
| Sex | 1 | 164.51 | 164.51 | 11.60 | Sig. at .01 |
| Family Size | 4 | 564.95 | 141.23 | 9.96 | Sig. at .01 |
| S X F | 4 | 349.99 | 87.49 | 6.17 | Sig. at .05 |
| Within | 286 | 4055.10 | 14.17 | | |
| Total | 295 | 5134.55 | | | |

Table 14 (c) - Showing Results of LSD Test
Family Size-wise :

| Group | Boys | Girls | Total |
|-------|-------------|-------------|-------------|
| F2-F3 | Sig. at .01 | Sig. at .01 | Not sig. |
| F2-F4 | Not sig. | Sig. at .01 | Sig. at .01 |
| F2-F5 | Not sig. | Not sig. | Not sig. |
| F2-F6 | Not sig. | Sig. at .01 | Sig. at .05 |
| F3-F4 | Sig. at .01 | Sig. at .05 | Sig. at .01 |
| F3-F5 | Sig. at .01 | Sig. at .05 | Not sig. |
| F3-F6 | Sig. at .01 | Not sig. | Sig. at .05 |
| F4-F5 | Sig. at .05 | Sig. at .01 | Sig. at .01 |
| F4-F6 | Not sig. | Not sig. | Not sig. |
| F5-F6 | Not sig. | Sig. at .01 | Sig. at .05 |

Sex-wise :

| | | | |
|-------|---------|---|-------------|
| In F2 | : B - G | - | Sig. at .05 |
| F3 | : B - G | - | Sig. at .01 |
| F4 | : B - G | - | Not sig. |
| F5 | : B - G | - | Not sig. |
| F6 | : B - G | - | Sig. at .05 |

Group XIV : Last-Born Boys Vs. Last-Born Girls Women
(C - R : W) Sex Vs. Family Size

Table 14 (a) - Showing Mean Scores

| Family Size | Boys | | Girls | | Total | |
|-------------|------|------|-------|-------|-------|-------|
| | No. | Mean | No. | Mean | No. | Mean |
| F2 | 32 | 9.03 | 31 | 12.58 | 63 | 10.77 |
| F3 | 27 | 9.40 | 21 | 9.76 | 48 | 9.56 |
| F4 | 25 | 6.44 | 24 | 11.50 | 49 | 8.90 |
| F5 | 42 | 8.77 | 31 | 11.19 | 73 | 9.79 |
| F6 | 32 | 8.84 | 31 | 10.83 | 63 | 9.82 |
| Total | 158 | 8.57 | 138 | 11.26 | 296 | 9.82 |

Table 14 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|-------------|-----|---------|--------|---------|------------------|
| Sex | 1 | 531.02 | 531.02 | 87.62 | Sig. beyond .01 |
| Family Size | 4 | 992.67 | 248.16 | 40.95 | Sign. beyond .01 |
| S X F | 4 | 251.64 | 62.91 | 10.38 | Sig. beyond .01 |
| Within | 286 | 1735.89 | 6.06 | | |
| Total | 295 | 3511.22 | | | |

Table 14 (c) - Showing Results of LSD Test
Family Size-wise :

| Group | Boys | Girls | Total |
|-------|-------------|-------------|-------------|
| F2-F3 | Not sig. | Sig. at .01 | Not sig. |
| F2-F4 | Sig. at .01 | Not sig. | Sig. at .05 |
| F2-F5 | Not sig. | Not sig. | Not sig. |
| F2-F6 | Not sig. | Sig. at .05 | Not sig. |
| F3-F4 | Sig. at .01 | Sig. at .05 | Not sig. |
| F3-F5 | Not sig. | Not sig. | Not sig. |
| F3-F6 | Not sig. | Not sig. | Not sig. |
| F4-F5 | Sig. at .01 | Not sig. | Not sig. |
| F4-F6 | Sig. at .01 | Not sig. | Not sig. |
| F5-F6 | Not sig. | Not sig. | Not sig. |

Sex-wise :

| | | | |
|-------|---------|---|-----------------|
| In F2 | : B - G | - | Sig. at .01 |
| F3 | : B - G | - | Not sig. |
| F4 | : B - G | - | Sig. beyond .01 |
| F5 | : B - G | - | Sig. at .01 |
| F6 | : B - G | - | Sig. at .01 |

Group XIV : Last-Born Boys Vs. Last-Born Girls Fashion
(C - R : F) Sex Vs. Family Size

Table 14 (a) - Showing Mean Scores

| Family Size | Boys | | Girls | | Total | |
|-------------|------|------|-------|------|-------|------|
| | No. | Mean | No. | Mean | No. | Mean |
| F2 | 32 | 1.71 | 31 | 2.74 | 63 | 2.22 |
| F3 | 27 | 1.51 | 21 | 2.66 | 48 | 2.02 |
| F4 | 25 | 1.40 | 24 | 1.70 | 49 | 1.55 |
| F5 | 42 | 1.50 | 31 | 2.45 | 73 | 1.90 |
| F6 | 32 | 1.37 | 31 | 2.38 | 63 | 1.87 |
| Total | 158 | 1.50 | 138 | 2.40 | 296 | 1.92 |

Table 14 (b) - Showing Analysis of Variance for Above Data

| Source | df | SS | MS | F.Ratio | Remarks |
|-------------|-----|--------|--------|---------|----------------|
| Sex | 1 | 059.59 | 059.59 | 91.67 | Sig. beyond.01 |
| Family Size | 4 | 013.05 | 43.26 | 5.1 | Sig. at .05 |
| S X F | 4 | 005.90 | 1.47 | 2.26 | Not sig. |
| Within | 286 | 187.83 | 0.65 | | |
| Total | 295 | 266.37 | | | |

Table 14 (c) - Showing Results of LSD Test

Family Size-wise :

| Group | Boys | Girls | Total |
|-------|----------|-------------|-------------|
| F2-F3 | Not sig. | Not sig. | Not sig. |
| F2-F4 | Not sig. | Sig. at .01 | Sig. at .01 |
| F2-F5 | Not sig. | Not sig. | Not sig. |
| F2-F6 | Not sig. | Not sig. | Not sig. |
| F3-F4 | Not sig. | Sig. at .01 | Not sig. |
| F3-F5 | Not sig. | Not sig. | Not sig. |
| F3-F6 | Not sig. | Not sig. | Not sig. |
| F4-F5 | Not sig. | Sig. at .01 | Not sig. |
| F4-F6 | Not sig. | Sig. at .01 | Not sig. |
| F5-F6 | Not sig. | Not sig. | Not sig. |

Sex-wise :

| | | | |
|-------|---------|----|-------------|
| In F2 | : B - G | - | Sig at .01 |
| F3 | : B - G | -- | Sig. at .01 |
| F4 | : B - G | - | Not sig. |
| F5 | : B - G | - | Sig. at .01 |
| F6 | : B - G | - | Sig. at .01 |

11. Comparison between different Family Sizes for the First born :

Data of the first born boys and girls were tabulated according to the size of the family from F1 to F6, to which they belonged. Means of their scores were computed and data were treated with F-Test as well as L.D.D. Test wherever possible separately for each of five aspects of C-R. Scale. The results have been presented in Table No. 11 (a), (b) and (c) in usual pattern for each aspect in tables marked C-R:S, C-R:R, C-R:E, C-R:W and C-R:F. The findings on sex confirm the earlier findings from Table (C-R)1-(c) on various aspects. All findings on sex and family size are described below:

(a) Effect of the Family Size of First born on C-R.Scale: Social(C-R:S) :

These results are presented in Table No. (C-R:S)-11 (a), (b) and (c) and findings are :

(i) Sex was significant at .05 level. First born boys were socially more reformist (15.92) than first born girls (14-23), and this confirms the score finding from Table (C-R:S)-1(c).

(ii) Family size was also significant at .05 level. There appeared a systematic trend that with increase in family size there was also increase in score on C-R.Scale,

i.e. members were getting more reformist (except in F-1 which was higher than F-2). The F-6 children were the most reformist and F-2 children were the least reformist or most conservative in comparison.

(iii) There was lack of significant interaction. This means that both sex and family size were independently significant factors.

The closer examination to Table No. (C-R:S)-11(c) reveals that sex which was significant on the whole was truly significant only among siblings of F-1, and not in other family sizes. Similarly, family size which was significant on the whole was observed significant in most family size-pairs of girls and only in few pairs of boys and not anywhere on distributed total at each family size as revealed by L.S.D. Test in Table (C-R:S)-11(c), though significant on the overall may as revealed by F.Test in Table (C-R:S)-11(d). Among boys, F1, F5 and F6 were most reformist and among girls F3, F4 and F6 were most reformist; this would account for lack of significance of birth order over distributed total of each family size and yet the overall significance of birth order on the whole.

(b) Effect of the Family Size of the
First born on C-R. Scale: Religious
(C-R:R)

These results are presented in Table No. (C-R:R-11(a),
(b) and (c). Findings are :

(i) Sex was significant beyond .01 level. First born girls were religiously more reformist (10.59) than first born boys (9.05), thus confirming again the finding from Table No. (C-R:R)-1(c).

(ii) Family size was not significant in this case on the whole, though there was slight tendency for the score to increase with the increase in family size.

(iii) There was also lack of interaction.

Results in Table No. (C-R:R)11(c) indicate that sex was significant truly in F2, F3 and F6 only. Similarly some family size pairs were significant among boys, girls and on the total of boys and girls, though there was lack of overall significance.

(c) Effect of Family Size of the First Born
on C-R. Scale : Education (C-R:E) :

The results in this regard are summarized in Table No. (C-R:E)-11(a), (b) and (c). The findings are :

(i) Sex was a significant factor at .01 level. First born boys were educationally more reformist (12.27) than first born girls (11.09) on the whole thus confirming the earlier finding from Table No. (C-R:E)-1(c).

(ii) Family size was also significant at .01 level. Again there was a systematic tendency for the reformist score to increase with the increase in family size (except F1 which stood little higher than F2). F6 was most reformist (13.16) and F2 was the least (10.50).

(iii) There was no interaction.

Table (C-R:E)-11(c) indicates that sex was truly significant in F1, F2 and F5. Family size showed significant differences in some pairs and not others both among boys, girls as well as distributed total in comparing the family size pairs.

(d) Effect of the Family Size of the
First-born on C-R.Scale:Women(C-R:W):

These results are given in Table No.(C-R:W)-11 (a), (b) and (c). Findings are :

(1) Sex was significant beyond .01 level. First born girls were as expected more reformist (12.86), than first born boys (9.17) on views on women.

(ii) Family size was significant at .05 level. Most reformist were siblings from F1 (12.17) and least reformist were those from F3 (9.82). There was no systematic trend; the order from highest to lowest was F1, F6, F5, F2, F4 and F3.

(iii) There was no significant interaction.

Table (C-r:W)-11(c) reveals that sex was also significant at each family size, but family size was significant with respect only a few pairs (F1-F3 and F1-F4) among boys, girls and total; while with a few more pairs only among the girls.

(e) Effect of the Family Size of the First born on C-R.Scale:Fashions (C-R:F)

These results are summarized in Table No.(C-R:F)-11(a), (b) and (c). Findings are :

(i) Sex was again significant beyond .01 level. First born girls as expected were on the whole more reformist (2.03) than first born boys (1.66), confirming the earlier finding from Table No. (C-R:F)-1(c).

(ii) Family size was also significant at .01 level. Here F2 was most reformist (2.32) and F3 was the least (1.54) almost equal to F1 (1.55), others in between in order being F6, F5 and F4. Excepting in case of highest F2, there appeared a systematic tendency for the score to increase with increase in family size.

(iii) There was no interaction.

Results of Table (C-R:F)-11(c) indicate that sex was truly significant in F4, F5 and F6 i.e. higher sizes. Family size was significant in a few pairs (F2-F1, F2-F3) everywhere, but in some pairs with boys, in some with girls and in some with total.

12. Comparison between different Family Sizes for the Second-born

Again the data of the second born boys and girls from different family sizes were tabulated and analysed so as to study the contribution of sex and family size to the reformist bent of subjects. Second born children for this purpose came from possible family sizes, in F3, F4, F5 and F6. These results have been summarized in Table No.12(a), (b) and (c) in usual style of presentation, separately for each of five aspects viz. C-R:S, C-R:R, C-R:E, C-R:W and C-R:F. All findings in this connection are described below.

Findings on sex confirm earlier findings based on results in Table No.(C-R-1(c)).

(a) Effect of the Family Size of the Second born on C-R.Scale:Social(C-R:S)

These results are summarized in Table No.(C-R:S)-12(a), (b) and (c). Findings are :

(i) Sex was significant at .01 level. Second born boys on the whole were socially more reformist (13.24) than second born girls (11.26), thus confirming the earlier finding from Table No.(C-R:S)-1(c).

(ii) Family size was also significant at .01 level. In this case out of the possible family sizes viz. F3, F4, F5 and F6 for second born children, F5 children were most reformist (14.81), next almost equal were F3(12.53) and F4 (12.14) and the least reformist were children from F6 (9.20). There was no systematic trend.

(iii) However, there was also significant interaction between the sex and family size in this case. Results in Table (C-R:S)-12(c) indicate that sex was significant only in F4 and F6 and not in F3 and F5. Similarly, F3 and F4 pair showed no differences anywhere; other family size pairs showed differences among boys, girls and in total, sometimes in different directions order of family size in each sex being not same, thus accounting for significant interaction.

(b) Effect of the Family Size of the
Second born on C-R.Scale:Religions
(C-R:R):

These results are given in Table No. (C-R:R-12(a), (b) and (c) and findings are given below:

(i) Sex was significant beyond .01 level. Second born girls on the whole were religiously far more reformist (10.98) than second born boys (7.48), confirming the earlier finding from Table (C-R:R)-1(c).

(ii) Family size was also found to be a significant factor at .05 level. In this case, F4 was the most reformist (10.16), next in order were F5, F6 (8.53) and F3 (8.23), last two being almost equal. There was somewhat a trend for the score to decrease with increase in family size, except in F3 being the least reformist.

(iii) Interaction was also significant at .01 level.

Results in Table (C-R:R)-12(c) indicate that sex was highly significant in F3, F4 and F5, but not at all in F6. Similarly, order of family size in each sex was not the same (F6 among boys and F4 among the girls being most reformist). Some family size pairs show significant differences in one sex and not in other sex. All this account for significant interaction.

(c) Effect of the Family Size of the
Second born on C-R Scale: Educational
(C-R:E):

These results are given in Table No. (C-R:E)-12 (a), (b) and (c) and findings are summarized below:

(i) Sex was not a significant factor in this case. No doubt, second born boys tended to be educationally more reformist (12.05) than second born girls (11.83), though not significantly different, thus confirming the earlier finding from results in Table (C-R:E)-1(c).

(ii) Family size made a significant contribution to educationally reformist trend at .01 level. F3 was most reformist (13.44) and F6 the least (10.00), showing a systematic trend that there was decrease in educationally reformist trend with increase in family size.

(iii) There was no significant interaction. Even the results in Table (C-R:E)-12(c) indicate that sex was not significant in any family size, and only family size was significant, no doubt in some pairs in boys, some others in girls and in total, but also the time the order among family sizes remaining the same among boys, girls and total, thus showing no possibility of any interaction.

(d) Effect of the Family Size of the Second Born on C-R Scale (C-R:W):

The results in this respect are given in Table No.(C-R:W)-12 (a), (b) and (c) and the findings are enumerated below :

(1) Sex was a significant variable beyond .01 level. Second born girls on the whole naturally were more reformist

(12.15) than second born boys (9.66) on view on women, confirming results in Table (C-R:W)-1(c).

(ii) Family size was also a significant factor at .01 level. F3 was the most reformist (12.04), next in order were F4 (11.63), F5 (10.22) and least being F6 (8.18), thus showing again a systematic trend of decrease in reformist trend with the increase on family size, as far as views on women were concerned.

(iii) There was significant interaction.

Results in Table (C-R:W)-12(c) show that sex was significant always in favour of girls in F3 and F6, and not in F4 and F6. So also different family size pairs showed significant differences among boys, girls and total, but order of family size was almost same showing same systematic trend of decrease in reformist bent with increase in family size, both among boys and girls as well as total. This accounts for lack of interaction.

(e) Effect of the Family Size of the Second born on C-R, Scale : Fashions (C-R:F) :

These results are summarized in Table No. (C-R:F)-12

(a), (b) and (c) and the findings are stated below:

(i) Sex was significant beyond .01 level of confidence. As expected, second born girls on the whole were more reformist (2.57) than second born boys (1.50) on views on fashions, confirming the finding from the results in Table (C-R:F)-1(c).

(ii) Family size was also significant at .01 level. F3 was the most reformist (2.59), next in order were F5 (2.26), F4 (1.88) and F6 (1.51), showing no systematic trend in order.

(iii) There was no significant interaction. Sex, as shown in Table (C-R:F)-12(c), was significant in F3, F4 and F5, but not in F6. No family size pair was significant among boys, but some were among girls and total. Girls were always more reformist, but order of family size changes somewhat among boys and girls, but not to cause significant interaction.

13. Comparison between different Family Sizes for the Middle-born :

Again the data of middle born boys and girls were tabulated family size-wise (F4, F5 and F6) and analysed statistically with help of some statistical techniques, viz. F-Test and L.S.D. Test, in order to study family size differences as well as sex differences in reformist bent of various types. All these results have been summarized in Tables (C-R)-13 (a), (b) and (c) for each of five aspects - C-R:S, C-R:R, C-R:E, C-R:W and C-R:F. The findings following from these results in each case are described below:

The results on sex variable in this respect confirm similar earlier results in Table (C-R)-1(c).

(a) Effect of the Family Size of the Middle born on C-R.Scale: Social (C-R:S):

These results are presented in Table (C-R:S)-13(a), (b) and (c) and findings are summarized below :

(i) Sex was significant at .01 level. Middle born girls on the whole were socially more reformist (10.94) than middle born boys (9.84), confirming results in Table (C-R:S)-1(c). This is a little in contrast to usual findings on boys being socially more reformist among first born and second born.

(ii) Family size was also significant at .01 level. F4 was the most reformist (11.95), next was F5 (11.18) and least was F6 (9.37), showing the usual systematic trend of decrease in reformist bent with increase in family size.

(iii) However, there was also significant interaction at .01 level. Results in Table (C-R:S)-13(c) show that sex was significant in F4 and F5 in favour of girls, but not significant in F6 though trend was in favour of boys. Similarly, family size was significant in different pairs of boys and girls, the order among boys being F4, F6 and F5 and among girls it being F5, F4 and F6, all this accounting for significant interaction being sex and family size.

(b) Effect of the Family Size of the Middle born on C.R.Scale:Religious (C-R:R) :

These results are given in Table No.(C-R:R)-13 (a), (b) and (c) and findings are summarised below :

(i) Sex was significant beyond .01 level. Middle born girls were on the whole religiously more reformist (11.25) than middle born boys (8.24), this confirming earlier results in Table (C-R:R)-1(c).

(ii) Family size was also significant at .01 level. F6 was most reformist (10.42), next in order were F4 (9.46) and F5 (8.31), with no systematic trend.

(iii) There was also significant interaction at .01 level. Results in Table (C-R:R)-13(c) show that sex was significant in all family sizes in favour of girls, but family size was significant in all pairs among boys, but not among girls, the order being F6, F4 and F5 among boys, but F6, F5 and F4 among girls, thus accounting for significant interaction.

(c) Effect of the Family Size of the Middle born on C.R.Scale : Educational (C-R:E) :

The results in this case are given in Table No. (C-R:E)-13(a),(b) and (c) and findings below :

(i) Sex was not significant in case of the middle born. Both boys and girls on the whole were educationally almost equally reformist (9.02 and 9.32 respectively), confirming earlier results in Table (C-R:E)-1(c).

(ii) Family size was significant at .01 level. F6 the most reformist (9.72) was almost equal to F5 (9.49) and both were significantly different from the least reformist F4 (7.03), showing systematic trend of increase with increase in family size.

(iii) There was, however, significant interaction. As shown by results in Table (C-R:E)-13(c), sex was truly significant in F5 and F6, but not in F4 and in F5 it was significant in favour of girls, while in F6 it was in favour of boys. So also the order of family size with respect to reformist trend was not the same with boys and girls. All this accounted for significant interaction.

(d) Effect of the Family Size of the
Middle born on C-R.Scale: Women
(C-R:W) :

Results in this respect are given in Table No.(C-R:W)-13 (a), (b) and (c). Findings are :

(i) Sex was significant beyond .01 level. Middle born girls on the whole as expected were more reformist (10.70) than middle born boys (8.68), confirming results in Table (C-R:W)-1(c).

(ii) Family size was also significant beyond .01 level. F6 was the most reformist (11.50), next in order were F5 (9.32) and F4 (8.51), with a systematic trend to increase with increase in family size.

(iii) Interaction was also significant beyond .01 level. Results in Table (C-R:W)-13(c) indicate that sex was significant not in F4, but only in F5 and F6 in favour of girls. Family size did not maintain the same order for importance of reformist trend amongst both boys and girls, and further all family size pairs significant difference among boys, but not among girls, all this accounting for significant interaction.

(e) Effect of the Family Size of the Middle born on C.R. Scale: Fashion (C-R:F) :

The results in this connection are given in Table (C-R:F) 13 (a), (b) and (c) and the findings are summarized below:

(i) Sex was significant beyond .01 level. As expected middle born girls on the whole were more reformist (2.50) than middle born boys (1.53), confirming earlier results in Table (C.R:F)-1(c).

(ii) Family size was also significant at .01 level. F6 was most reformist (2.9), next were F4 (2.08) and F5 (1.72), showing no systematic trend.

(iii) There was no significant interaction. Results in Table No. (C-R:F)-13(c) also show that sex was significant in all family sizes in favour of girls, but family size was significant with no pairs among boys, and with some pairs among girls, yet causing no significant interaction.

14. Comparison between different Family Sizes for the Last born:

Finally, the data of the last born boys and girls were tabulated family size-wise for all possible sizes except F1 in which case last born, first born or only mean the same. These data on different aspects of C-R. Scale were subjected to usual statistical techniques as done in earlier cases, and the results have been presented in Table No. 14(a), (b) and (c) for each of five C-R aspects, viz. C-R:S, C-R:R, C-R:E, C-R:W and C.R:F. Findings regarding sex obtained in this case confirm the earlier similar findings in Table (C-R)-1(c). All findings on sex and family size for the last born are described below :

(a) Effect of the Family Size of the
Last born on C-R. Scale: Social
(C-R:S) :

Results in this regard are summarized in Table No. (C-R:S)-14(a), (b) and (c). Findings are given below :

(i) Sex was not found significant on the whole, though unusually on social aspect girls tended to score more than boys. Both last born boys and last born girls were almost equally socially reformist (11.95 and 12.52 respectively), confirming the results in Table No. (C-R:S)-1(c).

(ii) Family size was significant beyond .01 level. F.2 was the most reformist (15.35), next in order were F3, F6, F5 and least F4 (9.47), showing not any systematic trend of increase or decrease.

(iii) There was also significant interaction beyond .01 level. Results in Table (C-R:S)-14(c) reveal that sex not significant on the whole was significant at least in F5. Family size was significant with some pairs among boys not necessarily the same among the boys. F2 and F3 were top in order both among boys, and girls as well as total, but the order was not the same for other sizes among boys and girls. All this accounted for significant interaction.

(b) Effect of the Family Size of the
Last born on C-R.Scale:Religious
(C-R:R) :

Results are given in Table No. (C-R:R)-14 (a), (b) and (c).

Findings are :

(i) Sex was significant beyond .01 level. On the whole, last born girls were religiously more reformist (10.84) than last born boys (7.23), confirming the earlier results in Table (C-R:R)-1(c).

(ii) Family size was not significant in this case on the whole and there was not even any apparently systematic trend; with F5 being the highest (9.35) and F6 the lowest (8.28).

(iii) There was significant interaction at .01 level. Results in Table (C-R:R)-14(c) reveal that sex was truly significant only in F4, F5 and F6, but not in F2 and F3. Family size also was significant in some pairs of boys, in other pairs of girls and not at all on the total in any family size pair. F5 was highest among girls and F3 was highest among boys; F6 was lowest among the girls and F4 was lowest among the boys. All this accounted for significant interaction.

(c) Effect of the Family Size of the Last born on C-R.Scale: Educational (C-R:E) :

Results are summarized in Table No. (C-R:E)-14 (a), (b) and (c). Findings are :

(i) Sex was significant at .01 level. On the whole, last born boys were educationally more reformist (10.58) than last born girls (9.09), confirming earlier results in Table (C-R:E)-1(c).

(ii) Family size was also significant at .01 level. F3 was the most reformist and F4 was the least reformist (7.59), showing no systematic trend,

(iii) There was also significant interaction. Examination of results in Table No. (C-R:E)-14 (c) reveals that sex was significant truly in F2, F3 and F6 and that too in different directions, i.e. in favour of girls in case of F2 and in favour of boys in case of F3 and F6, while it was not significant in other sizes F4 and F5. Family size pairs also showed differences sometimes among boys, sometimes among girls, and order was also not the same among boys and girls. All this accounted for significant interaction.

(d) Effect of the Family Size of the Last born on C-R.Scale: Women (C-R:W) :

Results in this respect are presented in Table (C-R:W)-14(a), (b) and (c) . Findings are summarized below :

(i) Sex was significant beyond .01 level. As expected, last born girls were on the whole more reformist (11.26) on views on women than last born boys (8.57), confirming earlier results in Table (C-R:W)-1(c).

(ii) Family size was also significant and beyond .01 level. F2 was the most reformist (10.77) and F4 was the least reformist (8.90), without showing any systematic trend of increase or decrease of reformist bent with increase in family size.

(iii) Interaction was also significant beyond .01 level. Results in Table (C-R:W)-14 (c) indicate that sex was significant in favour of girls in all family sizes except F3. Some family size pairs significantly different among boys, some among the girls and mostly not in total. Order of extent of reformist bent was also not the same for boys and girls. All this accounted for significant interaction.

(e) Effect of the Family Size of the Last born on C-R. Scale:Fashions (C-R:F) :

Results in this regard are presented in Table No. (C-R:F)-14 (a), (b) and (c). Findings inferred from these are shown below :

(i) Sex was significant beyond .01 level. Last born girls as expected were on the whole more reformist (2.40) than last born boys (1.50) with respect to their views on fashions, confirming earlier similar finding based on results in Table No. (C-R:F)-1(c) earlier.

(ii) Family size was significant at .05 level. F2 was most reformist (2.22); next in order were F3, F5, F6 and least was F4 (1.55), again showing no systematic trend of increase or decrease in reformist attitude with increase in family size.

(iii) There was no significant interaction between sex and family size in this case. Inspection of results in Table (C-R:F)-14(c) indicate that sex was also significant in favour of girls in all family sizes except F.4. No family size pair among boys showed significant differences, and also not most in total; some pairs among girls showed differences, but all this causing no significant interaction.

This completes the discussion on contribution of family size to the extent of reformist inclination at each birth order category.

IV SUMMARY OF RESULTS

Findings on all the results with regarding to the contribution of sex, birth order and family sizes, as described in this chapter, have been summarized in the following pages for a quick glance :

A. Birth Order Comparisons:

1. General

(i) C-R. Scale : Social

- (a) Sex was not significant on the whole; truly significant in favour of boys (i.e. being socially more reformist) among First born and Second born, and in favour of girls among Middle born; not at all among Last born.
- (b) Birth order was significant on the whole; truly significant in some pairs of birth order, differently for boys and for girls.
- (c) Thus, interaction between the two mass significant.

(ii) C-R. Scale : Religious

- (a) Sex was significant on the whole, as well as in each birth order, always in favour of girls being religiously more reformist.
- (b) Birth order was not significant on the whole; truly significant in some birth order pairs among boys only.
- (c) There was significant interaction.

(iii) C-R. Scale : Educational

- (a) Sex was significant on the whole; truly significant in favour of boys among F.B. and S.B. only and not among S.B. and M.B.
- (b) Birth order was also significant on the whole; truly F.B. and S.B. were equal and different from M.B. and L.B. both being equal.
- (c) There was significant interaction.

(iv) C-R. Scale : Women

- (a) Sex was significant on the whole as well as at each birth order in favour of girls being more reformist on views on women.

- (b) Birth order was not significant on the whole, and among boys, but in some pairs of girls.
- (c) Neither was interaction significant.

(v) C-R. Scale : Fashions

- (a) Sex was significant on the whole as well as at each birth order in favour of girls being always more reformist on views on fashions.
- (b) Birth order was not significant on the whole, nor among boys, but sometimes among girls.
- (c) There was significant interaction.

2. First-born Vs. Other Later born

(i) C-R. Scale : Social

- (a) Sex was not significant on the whole; truly significant among F.B. only in favour of boys.
- (b) Birth order was significant on the whole in favour of F.B.; and also among boys as well as girls.
- (c) Interaction was significant.

(ii) C-R. Scale : Religious

- (a) Sex was significant in favour of girls on the whole as well as among B.B. and other born also.
- (b) Birth order was not significant on the whole; truly significant among boys only in favour of first born.
- (c) Interaction was significant.

(iii) C-R. Scale : Educational

- (a) Sex was significant on the whole in favour of boys; truly significant among first born only.
- (b) Birth order was significant on the whole as well as among boys and girls in favour of F.B.
- (c) Interaction was significant.

(iv) C-R. Scale : Women

- (a) Sex was significant on the whole as well as among F.B. and also later born in favour of girls.
- (b) Birth order was significant on the whole as well as among boys and girls in favour of F.B.
- (c) There was no interaction.

(v) C-R. Scale : Fashion

- (a) Sex was significant on the whole as well as among F.B. and later born in favour of girls.
- (b) Birth order was significant on the whole in favour of later born; significant also among boys in favour of F.B. and significant among girls in favour of later born.
- (c) Interaction was also significant.

3. Only Child Vs. Other First born

(i) C-R. Scale : Social

- (a) Sex was significant on the whole in favour of boys; truly significant among the only born and not among other F.B.
- (b) Birth order was not significant on the whole; truly significant among boys in favour of only born and significant also among girls in favour of other first born.
- (c) Interaction was significant.

(ii) C-R. Scale: Religious

- (a) Sex was significant on the whole in favour of girls; truly significant among other first born and not among the only born.
- (b) Birth order was not significant on the whole; truly significant among girls in favour of other first born.
- (c) Interaction was significant.

(iii) C-R. Scale : Educational

- (a) Sex was significant on the whole in favour of boys; truly significant among the only born and not among other first born.
- (b) Birth order was significant on the whole in favour of other first born; truly significant among girls only and not among boys.
- (c) Interaction was not significant.

(iv) C-R. Scale : Women

- (a) Sex was significant on the whole as well as among the only born and also the other first born in favour of girls.

(b) Birth order was also significant on the whole as well as among boys and girls in favour of only born.

(c) There was no interaction.

(v) C-R. Scale : Fashions

(a) Sex was significant on the whole in favour of girls; truly significant among other first born and not among only born.

(b) Birth order was significant on the whole in favour of other B.B.; truly significant among girls.

(c) There was no interaction.

4. Only Born Boys Vs. Other First born Boys:

(i) C-R. Scale : Social

(a) Birth order was significant in favour of only born boys.

(ii) C-R. Scale : Religious

(a) Birth order was not significant.

(iii) C-R. Scale : Educational

(a) Birth order was not significant.

(iv) C-R. Scale : Women

(a) Birth order was significant in favour of only born boys.

(v) C-R. Scale : Fashions

(a) Birth order was not significant.

5. Only Born Girls Vs. Other First Born Girls

(i) C-R. Scale : Social

(a) Birth order was significant in favour of other first born girls.

(ii) C-R. Scale : Religious

(a) Birth order was significant in favour of other first born girls.

(iii) C-R. Scale : Educational

(a) Birth order was significant in favour of other first born girls.

(iv) C-R. Scale : Women

- (a) Birth order was significant in favour of only born girls.

(v) C-R. Scale : Fashions

- (a) Birth order was significant in favour of other first born girls.

6. First born of Mixed Sex Vs.
First born of same Sex

(i) C-R. Scale : Social

- (a) There were no differences between mixed sex and same sex first born.

(ii) C-R. Scale : Religious

- (a) There were no differences between mixed sex and same sex.

(iii) C-R. Scale : Educational

- (a) There were no differences between the mixed sex and same sex.

(iv) C-R. Scale : Women

- (a) Mixed sex first born siblings were significantly more reformist than same sex F.B. siblings.

(v) C.R. Scale : Fashions

- (a) There were no differences between mixed sex first born and same sex first born.

7. Only Child Vs. Later born

(i) C-R. Scale : Social

- (a) Sex was not significant on the whole; truly significant among the only born in favour of boys.
- (b) Birth order was significant on the whole in favour of the only born; truly significant among boys and not girls.
- (c) Interaction was significant.

(ii) C-R. Scale : Religious

- (a) Sex was significant on the whole in favour of girls; truly significant among later born.
- (b) Birth order was not significant on the whole; truly significant among boys in favour of only born, and also among girls in favour of the later born.
- (c) Interaction was significant.

(iii) C-R. Scale : Educational

- (a) Sex was not significant.
- (b) Birth order was not significant.
- (c) Interaction was not significant.

(iv) C-R. Scale : Women

- (a) Sex was significant on the whole as well as among the only born and also later born in favour of girls.
- (b) Birth order was significant on the whole as well as among boys and girls in favour of the only born.
- (c) There was significant interaction.

(v) C-R. Scale : Fashions

- (a) Sex was significant on the whole in favour of girls; truly significant among the later born.
- (b) Birth order was significant on the whole in favour of later born; truly significant among the girls.
- (c) There was significant interaction.

8. First Born Vs. Last Born

(i) C-R. Scale : Social

- (a) Sex was not significant on the whole; truly significant among the first born in favour of boys.
- (b) Birth order was significant on the whole as well as among boys and girls, in favour of first born.
- (c) Interaction was significant.

(ii) C-R. Scale : Religious

- (a) Sex was significant on the whole as well as among first born and last born in favour of girls.
- (b) Birth order was significant on the whole in favour of F.B.; truly significant only among boys, but not among girls though somewhat in favour of last born.
- (c) There was significant interaction.

(iii) C-R. Scale : Educational

- (a) Sex was significant on the whole as well as among F.B. and L.B., in favour of boys.

(b) Birth order was significant on the whole as well as among boys and girls in favour of first born.

(c) There was no interaction.

(iv) C-R. Scale : Women

(a) Sex was significant on the whole as well as among F.B. and L.B. in favour of girls.

(b) Birth order was significant on the whole in favour of first born; truly significant only among girls.

(c) There was no interaction.

(v) C-R. Scale : Fashions

(a) Sex was significant on the whole as well as among F.B. and L.B., in favour of girls.

(b) Birth order was not significant on the whole; truly significant among girls only in favour of last born, and not among boys though somewhat in favour of first born.

(c) There was significant interaction.

9.3 Last born Vs. Aggregation of
second born and Middle born:

(i) C-R. Scale : Social

- (a) Sex was not significant on the whole nor among L.B. nor among Second born-and-middle born.
- (b) Birth order was significant on the whole in favour of last born; truly significant only among girls.
- (c) Inter-action not significant.

(ii) C-R. Scale : Religious

- (a) Sex was significant on the whole as well as among last born and also second born-and-middle born, in favour of girls.
- (b) Birth order was significant on the whole in favour of S.B.-and-Middle born-aggregate; truly significant only among boys.
- (c) There was no interaction.

(iii) C-R. Scale : Educational

- (a) Sex was not significant on the whole; but truly significant among L.B. in favour of boys, and not among S.B.-and M.B. though somewhat in favour of girls.

- (b) Birth order was also not significant on the whole; but truly significant among girls in favour of SB-andMB, and not among boys though somewhat in favour of last born.
- (c) There was a significant interaction.

(iv) C-R. Scale : Women

- (a) Sex was significant on the whole as well as among LB and also SB-andMB, in favour of girls.
- (c) Birth order was also significant on the whole in favour of SB-and-MB; truly significant only among girls.
- (c) Interaction was not significant.

(v) C-R. Scale : Fashions

- (a) Sex was significant on the whole as well as among LB and also SB-and-MB, in favour of girls.
- (b) Birth order was not significant on the whole nor among boys nor among girls.
- (c) There was no interaction.

10. Last born Vs. Only Child(i) C-R. Scale : Social

- (a) Sex was not significant on the whole; truly significant among the only born in favour of boys.
- (b) Birth order was significant on the whole in favour of the only born; truly significant among boys in favour of the only born, but not among girls though somewhat in favour of LB.
- (c) There was significant interaction.

(ii) C-R- Scale : Religious

- (a) Sex was significant on the whole in favour of the girls; truly significant among last born in favour of girls, but not among the only born though somewhat in favour of boys.
- (b) Birth order was not significant on the whole; but truly significant among the boys in favour of the only born and also among the girls in favour of last born.
- (c) There was significant interaction.

(iii) C-R. Scale : Educational

- (a) Sex was significant on the whole as well as among last born and also the only born, in favour of boys.
- (b) Birth order was not significant on the whole; but truly significant among the boys in favour of the only born.
- (c) There was no interaction.

(iv) C-R. Scale : Women

- (a) Sex was significant on the whole as well as among last born and also the only born, in favour of girls.
- (b) Birth order was significant on the whole as well as among boys and also girls in favour of the only born.
- (c) There was no interaction.

(v) C-R. Scale : Fashions

- (a) Sex was significant on the whole in favour of girls; truly significant among last born.

(b) Birth order was significant on the whole in favour of last born; truly significant among girls in favour of last born, and among boys though somewhat in favour of the only born.

(c) There was significant interaction.

B. Family Sizes Comparisons:

11. Family Sizes among the First born

(i) C-R. Scale : Social

(a) Sex was significant on the whole in favour of boys; truly significant among F1 only.

(b) Family size was significant on the whole, with a general systematic trend for reformist score to increase with the increase in family size.

(c) There was no significant interaction.

(ii) C-R. Scale : Religious

(a) Sex was significant on the whole in favour of girls; truly significant among F2, F3 and F6.

(b) Family size was not significant, though there was slight tendency for the reformist score to increase with increase in family size.

(c) There was no interaction.

(iii) C-R. Scale : Educational

(a) Sex was significant on the whole in favour of boys; truly significant among F1, F1 and F5.

(b) Family size was significant with a general systematic tendency for reformist score to increase with increase in family size.

(c) Interaction was not significant.

(iv) C-R. Scale : Women

(a) Sex was significant on the whole as well as at each size, in favour of girls;

(b) Family size was also significant on the whole and in some pairs only, but with any systematic trend.

(c) There was no interaction.

(v) C-R. Scale : Fashions

(a) Sex was significant on the whole in favour of girls; truly significant among F4, F5 and F6 only.

(b) Family size was also significant on the whole, with a general tendency for reformist score to increase with increase in family size (with exception of F2 being highest).

(c) There was no interaction.

12. Family Sizes among the Second Born

(i) C-R. Scale : Social

- (a) Sex was significant on the whole in favour of boys; truly significant in F4, F5 and F6 i.e. in all except F3.
- (b) Family size was significant was also significant on the whole as well as in most of the pairs, though not showing any systematic trend or order.
- (c) Interaction was also significant.

(ii) C-R. Scale : Religious

- (a) Sex was significant on the whole and in all family sizes from F3 to F6 except F6, in favour of girls.
- (b) Family size was also significant on the whole and in some pairs; there was somewhat a trend for the reformist score to decrease with increase in family size (from F3 to F6 except F3 being the least).
- (c) There was also significant interaction.

(iii) C-R. Scale : Educational

- (a) Sex was not significant anywhere.
- (b) Family size was significant, with a systematic trend for reformist score to decrease with increase in family size from F3 to F6
- (c) There was lack of significant interaction.

(iv) C-R. Scale : Women

- (a) Sex was significant on the whole in favour of girls; truly significant in case of F3 and F6 only.
- (b) Family size was also significant, with a systematic trend for reformist score to decrease with increase in family size from F3 to F6.
- (c) There was no interaction.

(v) C-R. Scale : Fashions

- (a) Sex was significant on the whole and in all family sizes from F3 to F6 except in F6, in favour of girls.
- (b) Family size was also significant, but without any systematic trend.
- (c) Interaction was not significant.

13. Family Sizes among the Middle born

(1) C-R. Scale : Social

- (a) Sex was significant on the whole, but truly in F4 and F5, in favour of girls.
- (b) Family size was also significant, showing a systematic trend for reformist score to decrease with increase in family size from F4 to F6.
- (c) Interaction was also significant.

(ii) C-R. Scale: Religious

- (a) Sex was significant on the whole and in each family size from F4 to F6, in favour of girls.
- (b) Family size was significant on the whole and in all pairs, but without any systematic trend.
- (c) Interaction was also systematic.

(iii) C-R. Scale : Educational

- (a) Sex was not significant on the whole; but truly significant in F5 in favour of girls and in F6 in favour of boys.
- (b) Family size was significant, with a systematic trend for reformist score to increase with increase in family sizes from F4 to F6.
- (c) Interaction was significant.

(iv) C-R. Scale : Women

- (a) Sex was significant on the whole, and truly in F5 and F6, in favour of girls.
- (b) Family size was significant on the whole and in most pairs, with a systematic trend for reformist score to increase with increase in family size from F4 to F6, truly on total and among girls, but boys not showing the trend.
- (c) There was significant interaction.

(v) C-R. Scale : Fashions

- (a) Sex was again significant on the whole and in each of family sizes from F4 to F6, in favour of girls.
- (b) Family size was also significant, but without showing any systematic trend.
- (c) Interaction was not significant.

14. Family Sizes among the Last born

(i) C-R. Scale : Social

- (a) Sex was not significant on the whole, but truly significant only in case of F5 in favour of girls.

- (b) Family size was significant on the whole and in some pairs, but without any systematic trend.
- (c) Interaction was significant.

(ii) C-R. Scale : Religious

- (a) Sex was significant on the whole, and in favour of girls; truly significant in F4, F5 and F6 among the sizes from F2 to F6.
- (b) Family size was not found significant on the whole and in some family size pairs of boys and girls, not in any pair in total, and that too without any systematic trend.
- (c) Interaction was significant.

(iii) C-R. Scale : Educational

- (a) Sex was significant on the whole in favour of boys; truly significant only in F2, F3 and F6 out of all family sizes from F2 to F6.
- (b) Family size was also significant on the whole and in some pairs, showing no systematic trend.
- (c) Interaction was also significant.

(iv) C-R. Scale : Women

- (a) Sex was significant on the whole and truly in all family sizes from F2 to F6 except in F3, in favour of girls.
- (b) Family size was also significant on the whole and in some pairs, without any systematic trend.
- (c) Interaction was significant.

(v) C-R. Scale : Fashions

- (a) Sex was significant on the whole and truly in all family sizes from F2 to F6, except in F4, always in favour of girls.
- (b) Family size was also significant on the whole and in some family size pairs of girls only, not amongst boys nor mostly on total; there was no systematic trend.
- (c) Interaction was not significant.