Chapter – III
Methodology

Phobic disorders are common disorders that typically have their onset in childhood or adolescence. They are unique among psychiatric disorders in that the main categories of phobias are distinguished by the nature of an external stimulus rather than by differences in symptoms or course. Thus, individuals who have an irrational fear of animals are diagnosed with specific phobia, whereas those fear is triggered by people are diagnosed with social phobia. However, the quality of each disorder is distinctive. For example, generalized social phobia is often a chronic condition whose effects can be so pervasive and enduring that they seem to merge inextricably with underlying personality.

Aim of the Study:

The present study aimed at to study the strength of association between personality & phobic reaction, and find out the effect of type of family, sex, & birth order on personality of children.

Objectives of the Study:

1. To examine the Correlation in between Personality and Phobic Reaction of school going Ss.
2. To examine the Decisiveness among Joint Family and Nuclear Family school going Ss.
3. To examine the Decisiveness among Male and Female school going Ss.
4. To examine the Decisiveness among first Born and Last Born school going Ss.
5. To examine the Responsibility among Joint Family and Nuclear Family school going Ss.
6. To examine the Responsibility among Male and Female school going Ss.
7. To examine the Responsibility among first Born and Last Born school going Ss.
8. To examine the Emotional Stability among Joint Family and Nuclear Family school going Ss.
9. To examine the Emotional Stability among Male and Female school going Ss.
10. To examine the Emotional Stability among first Born and Last Born school going Ss.
11. To examine the Masculinity among Joint Family and Nuclear Family school going Ss.
12. To examine the Masculinity among Male and Female school going Ss.
13. To examine the Masculinity among first Born and Last Born school going Ss.
14. To examine the Friendliness among Joint Family and Nuclear Family school going Ss.
15. To examine the Friendliness among Male and Female school going Ss.
16. To examine the Friendliness among first Born and Last Born school going Ss.
17. To examine the Heterosexuality among Joint Family and Nuclear Family school going Ss.
18. To examine the Heterosexuality among Male and Female school going Ss.
19. To examine the Heterosexuality among first Born and Last Born school going Ss.
20. To examine the Ego Strength among Joint Family and Nuclear Family school going Ss.
21. To examine the Ego Strength among Male and Female school going Ss.
22. To examine the Ego Strength among first Born and Last Born school going Ss.
23. To examine the Curiosity among Joint Family and Nuclear Family school going Ss.
24. To examine the Curiosity among Male and Female school going Ss.
25. To examine the Curiosity among first Born and Last Born school going Ss.
26. To examine the Dominance among Joint Family and Nuclear Family school going Ss.
27. To examine the Dominance among Male and Female school going Ss.
28. To examine the Dominance among first Born and Last Born school going Ss.

29. To examine the Phobic Reaction among Joint Family and Nuclear Family school going Ss.

30. To examine the Phobic Reaction among Male and Female school going Ss.

31. To examine the Phobic Reaction among first Born and Last Born school going Ss.

**Hypothesis:**

1. Correlation in between Decisiveness and Phobic Reaction of school going Ss will be negative.

2. There will be negative Correlation in between Responsibility and Phobic Reaction of school going Ss.

3. The relationship between Emotional Stability and Phobic Reaction of school going Ss will be negative.

4. Correlation in between Masculinity and Phobic Reaction of school going Ss will be insignificant.

5. There will be negative Correlation in between Friendliness and Phobic Reaction of school going Ss.

6. Correlation in between Heterosexuality and Phobic Reaction of school going Ss will be non significant.

7. There will be negative Correlation in between Ego strength and Phobic Reaction of school going Ss.

8. The relationship between Curiosity and Phobic Reaction of school going Ss will be negative.

9. Correlation between Dominance and Phobic Reaction of school going Ss will be non significant.

10. The Ss coming from Joint family have significantly high Decisiveness than the Ss coming from Nuclear family.

11. Male Ss have significantly high Decisiveness than the Female Ss.
12. First born Ss have significantly high Decisiveness than the Last born school going Ss.

13. Ss coming from joint family have significantly high Responsibility than the Ss coming from nuclear family.

14. Male Ss have significantly high Responsibility than the Female Ss.

15. First born school going Ss have significantly high Responsibility than the Last born school going Ss.

16. Joint family school going Ss have significantly high Emotional Stability than Nuclear family school going Ss.

17. Male school going Ss have significantly high Emotional Stability than the Female school going Ss.

18. First born school going Ss have significantly high Emotional Stability than the Last born school going Ss.

19. Joint family school going Ss have significantly high Masculinity than the Nuclear family school going Ss.

20. Male school going Ss have significantly high Masculinity than the Female school going Ss.

21. First born school going Ss have significantly high Masculinity than the Last born school going Ss.

22. Joint family school going Ss have significantly high Friendliness than the Nuclear family school going Ss.

23. Male school going Ss have significantly high Friendliness than the Female school going Ss.

24. First born school going Ss have significantly high Friendliness than the Last born school going Ss.

25. Joint family school going Ss have significantly high Heterosexuality than the Nuclear family school going Ss.
26. Male school going Ss have significantly high Heterosexuality than the Female school going Ss.
27. First born school going Ss have significantly high Heterosexuality than the Last born school going Ss.
28. Joint family school going Ss have significantly high Ego Strength than the Nuclear family school going Ss.
29. Male school going Ss have significantly high Ego Strength than the Female school going Ss.
30. First born school going Ss have significantly high Ego Strength than the Last born school going Ss.
31. Joint family school going Ss have significantly high Curiosity than the Nuclear family school going Ss.
32. Male school going Ss have significantly high Curiosity than the Female school going Ss.
33. First born school going Ss have significantly high Curiosity than the Last born school going Ss.
34. Joint family school going Ss have significantly high Dominance than the Nuclear family school going Ss.
35. Male school going Ss have significantly high Dominance than the Female school going Ss.
36. First born school going Ss have significantly high Dominance than the Last born school going Ss.
37. Joint family school going Ss shows significantly high Phobic Reaction than the Nuclear family school going Ss.
38. Female school going Ss shows significantly high Phobic Reaction than the male school going Ss.
39. First born school going Ss shows significantly high Phobic Reaction than the Last born school going Ss.
Sample:

After carefully studying location of the high schools, 10 high schools were selected from Aurangabad City. The Sample consisted of 800 Ss studying in 8th and 9th Std. The age range of the Ss was 13 to 15 years. The male female ratio was 1:1. At the second stage sample consisted of 400 Ss, only. It so happened, because at the second stage the nature of analysis of data was based on a 2 X 2 X 2 factorial design. In order to be included in the effective each S had to meet three criteria. At the first stage the Ss were classified in two groups (1) Joint family. (2) Nuclear family. In this process 125 Ss were deleted. Secondly, the Ss were classified on the basis of male female. In this classification 150 Ss were deleted. At the third Stage, Ss were classified on the basis of birth order i.e First born and last born. In this process 115 Ss were deleted. Lastly, to keep equal cell frequencies, 10 Ss were deleted randomly from the classified groups, where the number of Ss was more than fifty. Thus, at the second, the effective Sample of the present study consisted of 400 Ss.

Tools

Differential Personality Inventory (DPI):

This test is developed and standardized by L.N.K. Shinha and Arun Kumar Singh. The test consisted of 165 Items. The subjects were required to respond to each item in terms of ‘True’ OR ‘False’. The test – retest Reliability Coefficient Range from .73 to .86 which were high and significant indicating that the Different dimensions of the Scale have sufficient Temporal Stability.

Neurosis Measurement Scale (NMS):

This test is developed and standardized by Dr. M.P. Uniyal and Dr. Km. Abha rani bisht. The test consisted of 70 Items and Five Alternatives. ‘Always’, ‘Often’, ‘Sometimes’, ‘Rarely’, and ‘Never’. The reliability of the scale was determined by test-retest method. The retest was done after two different time intervals one month coefficient reliability .81 and 45 days coefficient reliability .79 and the scale has congruent validity with kundu’s neurotic personality inventory.
Procedures of data collection

Each of the two instruments will be administered individuals as well as a small group. While collecting the data for the study the later approaches were adopted. The subjects were called in a small group of 20 to 25 subjects and their seating arrangements were made in a classroom. Prior to administration of test, through informal talk appropriate rapport was established. At first, differential personality scale was distributed to the Ss. they were asked to read the instructions given on the first page. After that they were asked to write the answers as fast as they can. Filled copies of scale were collected. After five minutes rest Neurosis Measurement Scale was given to the Ss. Following the same procedure whole data were collected.

Variable under study

Independent variable-

1. Types of family
2. Sex
3. Birth Order

Dependent Variable

1) Decisiveness
2) Responsibility
3) Emotional stability
4) Masculinity
5) Friendliness
6) Heterosexuality
7) Ego Strength
8) Curiosity
9) Dominance
10) Phobic Reaction
**Design of Study:**

In the present study joint family Vs Nuclear family, male Vs female, First Born Vs Last Born were treated is independent variables. Nine personality factor and phobic reaction were the dependent variables. Thus, a 2 x 2 x 2 balanced factorial design was used.

**Statistical treatment of Data:**

First the data were subjected to mean, standard deviation and correlation. Then three way analysis of variance was applied.

**Discussion:**

Results were discussed considering the statistical values obtained and relevant hypotheses.