CHAPTER - III

PROCEDURE AND METHODOLOGY

The present study was designed to assess the attitude of senior secondary boys of Delhi. It was tried to consider the rational and random sampling for the present study. In this chapter, the procedure and methodology have been explained. The chapter contains the process of conducted present research in line with the selection of the subjects, selection of the variable, construction of the questionnaire, administration of the questionnaire and statistical technique have been discussed.

Selection of the Subjects:

For the present study, all 28 zones of the Directorate of Education, Government of National Capital Territory of Delhi were considered. From each zone three secondary schools were randomly selected and from each school further, 30 students were selected on random sampling basis.

Sources of the Data:

For the present study, it was discussed and considered to select the subjects from all over Delhi for proper sampling and true representation of the subjects. To provide the true representation to the sampling, the official distribution of the educational authorities in Delhi was taken into consideration. It was found that the Directorate of Education, Government of National Capital Territory of Delhi is presently having total 28 zones all over Delhi. It was further considered to select three secondary schools from each zone and from each school, 30 secondary level students were randomly selected. In all total 2520 boys from various government secondary schools of Delhi were randomly selected as subjects.

Selection of the Variables:

The present study was designed on the variable of ‘Attitude’. In the study, the attitude of secondary students towards physical education and sports was assessed
and considered. The Selection of proper variable was of vital importance for the study since the aim was to assess the attitude of secondary school boys of Delhi towards physical education and sports. It was decided to adopt questionnaire method. For this purpose, the investigator obtained the reflection of attitude of the selected subjects towards physical education. The validity of responses received from the subjects was greatly dependent upon the integrity of the respondents. The subjects were requested to provide the true response so that the rational findings may come-out.

**Collection of the Data:**

For the collection of the data, the questionnaire method was adopted. The selected subjects were confirmed about their voluntarily participation during the process of collection of data. As, the collection of data was purely based upon the responses provided by the selected subjects so, the willful participation was an important factor to get the actual responses. Efforts were initiated to observe the hearty participation in the process of collection of data. Therefore, before distribution of the questionnaire, the purpose of the present study was explained and requested to fill the actual response.

**Construction of the Questionnaire:**

Before preparing the questionnaire, the research scholar had gone through with the numerous books and literature related to the present study. It was also taken into consideration form already existing questionnaire in the library of Lakshmibai National Institute of Physical Education, Gwalior and Indira Gandhi Institute of Physical Education and Sports Sciences, University of Delhi. Under the guidance of supervisor and with the help of various experts of the related field, 30 statements were finalized out of 50 statements. The statement of the quarries, were framed with great care so that there should not be any ambiguity in understanding of any question.

The validity was also established by referring the questionnaire to various experts. The rational and constructive suggestions were also considered to modify
the questions as per the requirement of the present study. The questionnaire was finalized in view of the various aspects of physical education. The questionnaire was arranged in a logical order and each statement was recorded clearly to enable the subjects to understand and answer those statements without any difficulty.

Provision was made on the right side of each statement to note the attitude of the respondent by ticking one of the response viz. “Yes” / “No” at the respective place i.e. ( ). The sub-variables were designed as per the requirements of the present study. Total six statements were grouped in each sub-variable, presented below in Table: 3.01.

**PROJECTION OF SUB-VARIABLES OF ATTITUDE**

<table>
<thead>
<tr>
<th>S. No.</th>
<th>SUB-VARIABLE</th>
<th>NUMBER OF STATEMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Physical Aspect</td>
<td>06</td>
</tr>
<tr>
<td>2.</td>
<td>Mental Aspect</td>
<td>06</td>
</tr>
<tr>
<td>3.</td>
<td>Social Aspect</td>
<td>06</td>
</tr>
<tr>
<td>4.</td>
<td>Emotional Aspect</td>
<td>06</td>
</tr>
<tr>
<td>5.</td>
<td>General and Recreational Aspect</td>
<td>06</td>
</tr>
</tbody>
</table>

**Administration of the Questionnaire:**

The Directorate of Education, Government of National Capital Territory of Delhi is subdivided into 28 zones, out of which three schools from each zone have been randomly selected for the purpose of collection of data. In total, 84 secondary schools were randomly selected. Research scholar has personally visited to all the
selected schools for collection of data in a single academic year with the prior permission from the authorities of the concerned school.

Thirty students have been randomly selected from each school for collection of data through questionnaire. Selected students have been accommodated in a classroom with required number of pens. They have been distributed questionnaire, there after scholar has narrated them about the purpose of the present study and its aim. It was further directed to read questionnaire carefully and answer each question without consulting anybody. In case of any question or query raised by the students, the research scholar has explained it.

In total 2520 questionnaires were filled from 28 zones and from 84 schools one by one. Out of which, 270 questionnaires were rejected because of cutting, overwriting and incomplete and at last, the scholar is left with 2250 complete questionnaire without any ambiguity which were finally considered for the present study. All above work has been executed in consultation with the guide.

**Statistical Procedure:**

Keeping in view, the nature of the present study, the basic information was sought in the shape of responses. Further, the responses were converted into raw data with the help frequency distribution technique. The data were tabulated as results of the study and for analysis purpose through the percentage method.