METHODOLOGY

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In this chapter the selection of samples, method used for collecting data, construction and administration of the questionnaire and statistical techniques used are described.

SELECTION OF SAMPLES

There are 2625 secondary and higher secondary schools in the state of Kerala which are affiliated to the Education Department of Kerala. In this study 1000 (500 + 500) private and government schools were selected from the 36 educational districts at random considering the type of management, locale and sex.

METHODS USED FOR COLLECTION OF DATA

The survey method using a questionnaire was adopted to collect the relevant data from Physical Education Teachers (senior) of the secondary and higher secondary schools of Kerala.

CONSTRUCTION OF QUESTIONNAIRE

A questionnaire having 74 questions was framed under the supervision of the guide and other faculty members and experts with
utmost care and seriousness of purpose, taking into consideration the maximum coverage of the field, so as to get maximum worthwhile and meaningful responses from the subjects. The construction and arrangements of the questions were made in such a logical way that sequence and coherence in the response statement would be readily available. Attempts were made to make the questions simple, clear and relevant as far as possible leaving no room for ambiguity and vagueness. Following the instructions given by the experts, the questionnaire was prepared with enough number of columns so that the respondents can answer the questions easily.

QUESTIONNAIRE DEVELOPMENT

The following steps were adopted for the development of questionnaire.

Initial writing

In the first step all questions were written in order. Afterwards several changes were made according to the recommendations of the guide and other experts who have done research in physical
education. Draft was finalised with 74 questions. Spaces were given for additional information regarding the other activities if any.

With the permission of the guide, the questionnaire in English was translated into the regional language Malayalam so that the respondents can answer in their mother tongue itself. The questionnaire in English and Malayalam was given to some physical education teachers and tested for validity. Finally 'Malayalam' version of the questionnaire was accepted after consultation with the supervising teacher and Malayalam experts. Both English and Malayalam versions of the questionnaire were given as Appendices.

**Trial Run**

The questionnaire framed in Malayalam was administered to 10 senior physical education teachers of government and private schools. After receiving the filled in questionnaires, necessary changes were made in some questions which the teachers found vague. It was again shown to the same teachers and collected the information. The questions were thus found adequate to obtain the relevant information.
Re-writing

On the basis of the guide's observation necessary changes were made in the questionnaire and it was finalised after the approval of the guide. 1000 copies of the Malayalam questionnaire having four pages were printed in offset. 1000 copies of the letter from the guide and a request letter by the investigator were also printed.

ADMINISTRATION OF THE QUESTIONNAIRE

The investigator collected the address book of the whole secondary and higher secondary schools of Kerala state from the Directorate of Public Instructions, Government of Kerala, Thiruvananthapuram. 1000 schools (500 private and 500 government) were selected at random from the 36 educational districts for maximum stratification. Questionnaires were mailed to the physical education teachers (senior) of selected schools. A self addressed stamped envelope, a letter from the supervising teacher and a request letter from the investigator were enclosed along with the questionnaire.
In the initial stage, 403 filled in questionnaires were received and after a reminder, 204 more were also received. Finally 300 questionnaire from Government schools and 300 from private schools were selected for analysis. The filled in questionnaires were recorded in the score sheet. Then the scores were analysed by percentage and average.