Methodology

The chapter contains brief description of the selection of subjects, design of the study, selection of variables, reliability of data, administration of the questionnaires, collection of data and the statistical procedure used for analyzing the data.

Selection of Subjects

The present study was conducted 500 cricket and other team game players of India. Keeping in view the objectives, the players were categorized into two main groups: Cricket (N=250) and Other Team Game (N=250) players. The sample representing the different college of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad and data was collected from 2009 to 2011.

Selection of Variables

Out of myriads of psychological variables associated with outstanding athletic performance, it was really a Herculean task to identify the most crucial ones. The availability of reliable and valid instruments is also an important consideration in directing one’s ingenuity for the choice of variables. Many psychological instruments i.e. test and inventories are relevant more often than not to the populations on which they have been standardized and for which they have been constructed. The Four variables are:

1. Extroversion.
2. Neuroticism.
3. Psychoticism.
4. Sport Competition Anxiety

**Administration of the Questionnaires and Collection of Data.**

As explained in the foregoing pages, the tests were administrated to the two sample groups – Cricket and Other Team Game players. The managers of all the teams were contacted personally and requested to permit their respective team member to serve as subjects for this study. Subjects were contacted personally when they were not busy and their sincere cooperation was solicited.

Necessary instructions were given to the subjects before the administration of each test. As the same research scholar motivated the respondents by promising to send a separate abstract of the conclusions of her study to each of them. It was clearly explained to the subjects that overall purpose of the study was to allow each subject to acquire deeper insight into her psychological functioning. Confidentiality of response was guaranteed so the subjects would not camouflage their real feelings. The four tests were administered to the subjects in the following order:

1. Eysenck Personality Questionnaire (EPI)
2. Sports Competition Anxiety Test (SCAT)

Care was taken that no boredom set in. after each test a short session of pep talk of ten minutes followed in order to rejuvenate the players for the next “ordeal”. No time limit for filling in the questionnaire was set. However, the subjects were made to respond as quickly as possible without brooding over any question / statement once the instruction were understood clearly.
**Statistical Procedure**

Mean scores and standard deviation of Cricket (N=250), Other Team Games (N=250) and the total sample (N=500) were calculated in all the four variables i.e. sports competition anxiety, Eysenck Personality Trait (consisting of Three categories Extroversion, Neuroticism and Psychoticism).

This was a comparative study of two (Cricket and Other Group) of team game players for finding out difference in criterion measure the mean difference of these groups were tested for significance by ‘t’ test and level of significance was set at 0.05 level.