

Research Paper :

## Construction of knowledge test on history and rules of judo for physical education students

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### ABSTRACT

The purpose of this study was to construct knowledge test on history and rules of Judo. Fifty students of Master of Physical Education form the School of Physical Education, Devi Ahilya University, Indore in 2005 – 06 session, were selected to serve as subjects. A 100 items objective test was first administered to ten students in order to determine clarity of question items and on that basis the question items were refined and subjected to careful analysis. Then a second trial run of the question items was administrated to 50 students, which they answered in the allotted time of 60 minutes. These sheets were then evaluated. Six items were eliminated on the basis of difficulty rating and 29 items were discarded on the basis of index of discrimination. Thus a total of 30 items were discarded for various reasons and the final test therefore contained seventy questions.

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The various processes of measurement and evaluation more easily and objectively enable the physical educator to make decisions about students and their performances. Tests must be administered, measures must be assigned and every teacher must make evaluations regularly. The objective knowledge test requires brief response to questions encompassing smaller pieces of information. They have certain characteristics as they are quickly, efficiently and objectively graded. They are reliable. They cover intensive amount of subject content. They clearly define the work to be done. Judo provides excitement, satisfaction and also a superb method of keeping fit for all ages. It was a derivative of Jujitsu used by Samurai (warriors) in Japan's violent feudal past, which was later distilled into the sport of Judo by Prof. Jigaro Kano and promoting it by opening a legendary Kodokan Club in 1882. The word "Kodokan" meant a school for studying the way: the "way" being the concept of life.

### METHODOLOGY

Main objective of this study was to construct knowledge test on history and rules of Judo. For this purpose fifty students of Master of Physical Education form the School of Physical Education, Devi Ahilya University, Indore in 2005 – 06 session, were selected to serve as subjects. The age of subjects ranged from 17 to 25 years. All the subjects had regular theoretically classes during which different aspects of the game were

theoretically explained together with practical implications. Keeping in view, the learning level of the subjects and the utility of the test, the following objectives were set to see the knowledge pertaining to the history and development of Judo, to develop an understanding of the basic rules of Judo and their interpretations and new rules and their interpretations as adopted by International Judo Federation.

The test consisted of 100 objective type questions from different aspects of the game in a definite proportion. Questions were selected covering various aspects of game *i.e.* history and development of game, new rules and their interpretations as adopted by International Judo Federations and the terminologies.

Before administering the test intensive instructional classes were conducted for the subjects to cover various aspects of the history and rules of Judo. This was to make the subjects well acquainted with the subject matter. Each explanation was taught with due explanation with the help of diagrams (wherever necessary).

A 100 items objective test was first administered to ten students in order to determine clarity of question items and on that basis the question items were refined and subjected to careful analysis. Then a second trial run of the question items was administrated to 50 students, which they answered in the allotted time of 60 minutes. These sheets were then evaluated.