

Construction of knowledge test on rules of hockey for physical education students

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■ ABSTRACT

Knowledge test is the designed to measure what individual knows about a particular subject distinguished from aptitude, and physical performance test. The purpose of the present investigation was to construct a knowledge test on rules of hockey for physical education students. Fifty students from the School of Physical Education, Devi Ahilya University, Indore (Madhya Pradesh), in the session 2007-08, were randomly selected to serve as subjects. The age of the subjects ranged from 17 to 25 years. A 107 items of objective test was first administered to 10 students in order to determine the 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 administered to 50 students, which they answered in the allotted time of 90 minutes. These response sheets were then evaluated. 31 items eliminated on the basis of difficulty rating and 56 items were discarded on the basis of index of discrimination. Therefore, the final test contained 46 questions.

■ **Key Words** : Hockey, Construction, Knowledge test, Index of discrimination, Difficulty rating

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