

A COMPARATIVE STUDY OF PSYCHOMOTOR AND CO-ORDINATIVE ABILITIES OF DIFFERENT LEVELS OF HOCKEY PLAYERS

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ABSTRACT

The purpose of the study was to find out the differences of Psychomotor and Coordinative Abilities of Different levels of hockey players i.e. National, State and District levels. The subjects selected for the study were 90 male hockey players of different levels from Gwalior, Jabalpur, Indore and Bhopal. The subjects were selected randomly with the age ranging from 20-25 years. The tests were administered in different play grounds, with all the required equipments. The data was analyzed by using of LSD for mean comparison on Kinesthetic perception, Speed of movement, Response time, Balance ability, Differentiation ability, Orientation ability, Reaction ability and Rhythmic ability among District, state, and National level hockey players. The level of significance chosen for testing the hypothesis was set at 0.05 level of significance. On the basis of results Kinesthetic perception, speed of movement, Response time, Balance ability, Differentiation ability, Orientation ability, Reaction ability and Rhythmic ability has significant differences at various level of hockey players. National and State level hockey players were found to be superior as compared to District level hockey players in Kinesthetic perception, Response time, Speed of movement, Balance ability, Differentiation ability, and Orientation ability. Whereas, reaction ability and rhythmic ability have not found any differences among different level hockey players.