



ISSN: 2456-4419

Impact Factor: (RJIF): 5.18

Yoga 2019; 4(1): 145-147

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www.theyogicjournal.com

Received: 02-11-2018

Accepted: 05-12-2018

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Assessment of intelligence level of high and low level senior female volleyball players: A comparative study

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Abstract

In the present time, sport has become an increasingly professional area in every sense of the word; it is worthwhile reflecting on the history of the games and in particular the reason for their ultimate demise. Sports are generally considered a primarily physical endeavor, involving the marshaling of bodily resources to complete a variety of specialized, demanding physical tasks. The present study is based on the intelligence level of female volleyball players. The purpose of the study is to measure the Assessment of Intelligence Level of High and Low Level Senior Female Volleyball Players. In this study the scholar used the random sampling method. 30 high and 30 low level volleyball players were selected from different regions of Punjab. Within the limitations of the present study, the conclusion was drawn as there is no significant difference found in Intelligence Level of High and Low Level Senior Female Volleyball Players.

Keywords: Players, assessment, volleyball, high performers, low performers, intelligence

Introduction

Undeniably, physical attributes such as speed, strength, stamina, fitness, coordination, agility, flexibility are richly rewarded in competitive sport. Applied practitioners in exercise physiology, physiotherapy, sports nutrition, strength and conditioning, and other disciplines have translated research findings into interventions designed to enhance the physical performance capabilities of the athletes.

Today, a sports psychologist can do several things to help athletes with sports and performance. A sports Psychologist role is more accepted today as a part of the regular coaching staff for teams and for individual athletes than 10 years ago. The area sports psychologists teach vary from one person to another depending on their experience and qualifications. Psychology is the study of human behavior and human relationship. Psychology refers to the concept of psychological theory and their aspects sports such as education and coaching. The sports psychology deals with the analysis of a variety of psychological behaviors of different games. It is an individual behavior that acts in a personal way and works in a group. Sports psychology experts use psychological evaluation techniques and intervention strategies to help individuals achieve their favorable performance. Sports psychology is an effective psychology there are three major activities involving in it such as research, educational and clinical. Sports psychology skills are the use of psychological principles for regional and physical activity at every level of development.

Intelligence and its potential impact on daily life at home and at work have been much discussed recently. It is to do with a set of skills that everyone possesses, to some degree; in this it is similar to general intelligence. These skills concern how we deal with any information that is relevant to emotion. In more detail, emotional intelligence is made up of how we judge emotion and express it, how we make use of whatever information we gain from emotion, and how we regulate emotion in adaptive ways. There are huge individual differences in emotional intelligence, particularly in the way in which people appraise and express emotion and how they use the information they derive from emotion. Intelligence is a complex function that has been defined as the ability to learn the activity. Intelligence has been an important and controversial topic throughout psychology's history. Intelligence involves some different mental abilities including logic, reasoning, problem-solving, and planning.

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While the subject of intelligence is one of the largest and most heavily researched, it is also one of the topics that generate the greatest controversy. In the field of education the intelligence is defined as the capacity to learn which is judged by the quickness with which one can learn the activity. Sports are considered as an organized activity where in an individual or a group should be involved. Today's competitive sports are one of the outgrowths of modern society. It is a challenge which simulates, inspires and motivates every individual to run faster, jump higher and throw farther and exhibit greater strength, speed, endurance and skills to establish supremacy. Everyone, who participates in sports want to win at any cost because society attracts a great significance to winner. The participation and performance of sports and games depends upon the foundation of sports person, who should be strong and potential.

Review of related literature

Kaur Parvinder conducted a study of learning outcomes of adolescents in relation to their intelligence, metacognition and personality traits. The findings of the study were that there was positive and significant relationship between academic achievement and metacognition. The results lead to the inference that adolescents with high metacognition were good in academic achievement but adolescents with low metacognition were not so good in their academic achievement. Significant difference in the academic achievement of male-female adolescents, rural-urban adolescents and government-private school adolescents were found. Female possesses higher academic achievement than male adolescents. Rural student's academic performance was better than urban adolescents.

Reilly P. conducted research and suggest that negotiation courses using traditional lectures combined with role plays and simulated exercises can be used to train students in understanding emotion and increasing their Intelligence. The article defines emotion and emotional intelligence, describes and analyzes one simulated exercise that has proven to be particularly potent in the classroom for teaching both the theory and practice of Emotional Intelligence. It sets forth the rudimentary components of a possible curriculum for emotions training, and concludes with reasons why law schools and other professional degree-granting programs can and should make training in emotions a curriculum staple.

Objectives of the study

1. To assess the Intelligence level of high and low level female (senior) volleyball players.
2. To compare the Intelligence level of high and low level female (senior) volleyball players.

Hypothesis

1. There will be no significant difference in the level of Intelligence among High and Low level female senior volleyball players.

Delimitation

1. The study was delimited to senior female volleyball players of Punjab.
2. The study was delimited to 60 volleyball players of Punjab only.
3. Further the study was delimited to 30 high and 30 low level female senior volleyball players.

Research methodology

The present study was a survey type research. In this methodology the following procedures were adopted for the selection of subjects, selection of variables, selection of tests, description of test, scoring of questionnaire and statistical techniques were elaborated.

Samples

The subjects for the study were 30 High and 30 low level female (senior) players of volleyball from different regions of Punjab.

Tool used

For the collection of the data required for the study the investigator used Dr. Meenakshi Sharma's Intelligence questionnaire test.

Statistical Procedure

To check the significant difference in intelligence level of High and Low Level Senior Female Volleyball player t-test was used to compare the groups at 0.05 levels of significance.

Results and Discussion

The finding of the various parameters is discussed as under:-

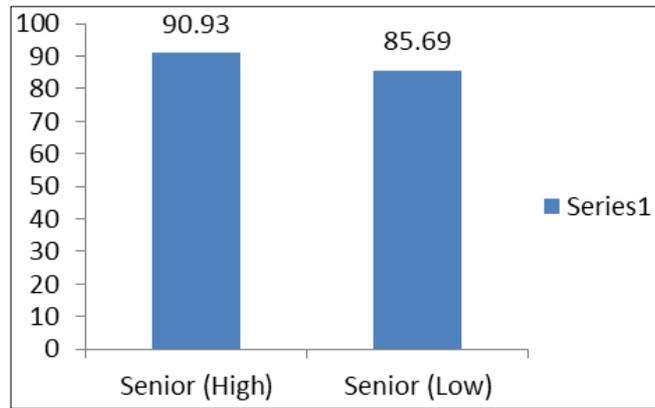
Table 1: Mean, S.D. and t-value of Intelligence Level of High and Low Level Junior Female Volleyball Players.

Level	N	Mean	SD	Df	Calculated t-value	Table t-Value
Senior (High)	30	90.93	10.90	58	1.87	2.00
Senior (Low)	30	85.69	10.70			

*Not Significant at 0.05 level of confidence

Table 1 reveals that the mean value of Inteligence of senior high level female volleyball players is 90.93 with S.D. 10.90. The mean value of senior low level female players is 85.69

with S.D. 10.70. The t-value is 1.87 is not found significant at 0.05 level of confidence.



Graph 1: Comparison of Mean score of intelligence between High and Low level senior female Volleyball Players.

Conclusion

There is no significant difference in the level of Intelligence among High and Low level female volleyball players.

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