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

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### Abstract

**Introduction:** In the ancient times, the human was not like today. He was not civilized and often quarrels with each other only for fulfilling his basic needs. He was not both physically and mentally developed as like today's era but now the scenario has changed now the human being is developed both physically and mentally. In this time, the sports become scientific and the level of intelligence of player affect his performance. 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 Junior 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 conclusions were drawn as there was a significant difference found in Intelligence Level of High and Low Level Junior Female Volleyball Players.

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

### Introduction

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.

Sports should be viewed as pleasurable, re-creative for community. The society should accept sports as an organized activity for social harmony and peace. At times, the very competitive nature of sports at various levels leads to many differences. The competitive sports should be limited to elite level of the community for those who accepts sport as a social phenomenon for the global peace and harmony. Sports are basically assumed to develop qualities like personality, leadership, adjustment, emotional balance, team spirit etc.

Sports are a challenge which stimulate, inspires, motivates every individual run faster, jump higher and throw farther. Sports are also accepted as a social phenomenon for the global peace and harmony. Before starting the training schedule, the trainer or coach initially tries to identify the basic qualities that could lead to develop the required fitness for the selected group of sporting activity. Sport is a training activity, in other words during the childhood, talent training, psychological dimensions and growth possibilities will be developed by plays and physical movements, so we can touch the environments and discover external worlds. Everybody accepts the importance of sports as a base for the health of body, mind and to some extent society. It is said that intelligent is the ability when we have some aim and question in mind to discover relevant qualities in relation to objects or ideas those are present before us. In other words intelligence is the capacity for relational constructive thinking directed to the attainment of some end. In intelligence study of literature, in intelligent running of a race, in intelligence business organization, in intelligent sports, in all forms of activities, capacity for relational constructive thinking is involved which is directed to the attainment of some end. 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.

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Intelligence involves some different mental abilities including logic, reasoning, problem-solving, and planning. 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.

The present study deals with Assessment of Intelligence Level of High and Low Level Junior Female Volleyball Players: A Comparative Study

**Objectives of the study**

1. To assess the Intelligence level of Junior, high and low level female volleyball players.
2. To compare the Intelligence level of Junior, high and low level female volleyball players.

**Hypothesis**

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

**Delimitation**

1. The study was delimited to junior female volleyball players of Punjab.
2. The study was delimited to 60 volleyball players of Punjab only.

**Research methodology**

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

**Samples**

The population for the study was 30 High and 30 low level players of volleyball from different regions of Punjab.

**Tools used**

For the collection of the data required for the study the investigator used the following questionnaire to investigate the selected variables. To measure the Intelligence level of female volleyball players Dr. Meenakshi Sharma’s Intelligence test was used.

**Statistical Procedure**

Significant difference in intelligence level of High and Low Level Junior Female Volleyball players determined thought’s test. T-test was used to compare the groups at 0.05 levels of significance.

**Results and Discussion**

The finding of the various parameters are discussed as under

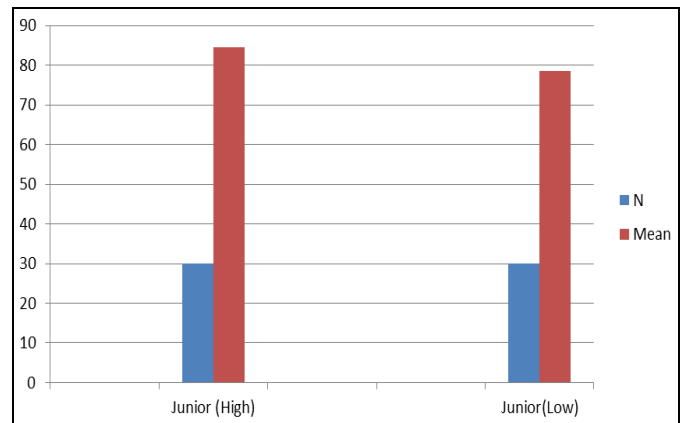
**Table 1:** Mean, S.D. and t-value of Intelligence Level of High and Low Level Junior Female Volleyball Players

Level	N	Mean	SD	Calculated t value
Junior (High)	30	84.43	11.34	1.97*
Junior (Low)	30	78.61	78.61	

\*Significant at 0.5 level of confident

Table 1 reveals that the mean value of Inteligence of junior high level female volleyball players is 84.43 with S.D. 11.34. The Mean value of jonior low level female players is with

78.61 with S.D. 11.90. The t value is 1.97 is found significant at 0.05 level of confident. The table value is 1.67 which is lower than calcuted value.



**Graph:** Comparison of Mean score of intelligence between the High and Low level junior female Volleyball Players.

**Conclusion**

As null hypothesis was rejected so there is significant difference in the level of Intelligence among High and Low level female volleyball players.

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