

A comparative study of All India Inter University and Inter College level ball badminton players with respect to their intelligence

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■ ABSTRACT

The word intelligence is derived from the Latin word intellegere, which means “to understand” By this meaning rationale, intelligence (as understanding) is arguably different from being “smart”(able to adapt to one’s environment). Although these individual differences can be substantial, they are never entirely consistent: a Given person’s intellectual performance will vary on different occasions, in different domains, as judged by different criteria. For from present study, 120 players were selected from various Colleges of Hemchandracharya North Gujarat University, Patan. The effective sample consisted of 120 subjects. out of which 60 subjects were male and 60 Subjects were female. The age range of subjects were between 18 to 25 years. This test was developed and standardized by R.K. Ojha and Ray Chaudhary (1994). The test consisted of 203 items. The subjects were called in a small group of 20 to 25 subjects and there seating arrangements was made in a classroom. Prior to test or scale administration through informal talk was given in appropriate repport form. First, data were subjected to descriptive statistical *i.e.* mean and standard deviation. and ‘t’ Test was used. All India inter and Inter college level Ball-badminton Players Showed the mean S.D. and ‘t’ value of factors ‘Intelligence’ The results related to the hypothesis had been recorded. Mean of Intelligence score of All India Inter University level Ball-badminton Players was 105.09 and that of the Inter college Level Ball-badminton Players was 94.89. The difference between the mean was highly significant ‘t’=10.2,df =118. All India Inter University Level Ball-badminton players had significantly High Intelligence than Inter college level Ball-badminton players.

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Intelligence comes from the Latin verb intellegere, which mean “to understand”. By this rationale ,intelligence (as understanding) is arguably different from being “smart”(able to adapt to one’s environment).At least two major “consensus” definitions of intelligence have been proposed. first, from intelligence : Knowns and unknowns, a report of a task force convened by the American Psychological Association in 1995 :

Individuals differ from one another in their ability to understand complex ideas, to adapt effectively to the environment, to learn from experience, to engage in various

forms of reasoning, to overcome obstacles by taking thought. Although these individual differences can be substantial, they are never entirely consistent : a given person’s intellectual performance will vary on different occasions, in different domains, as judged by different criteria. Concepts of “intelligence”are attempts to clarify and organize this complex set of phenomena. Although considerable clarity has been achieved in some areas, no such conceptualization has yet answered all the important questions and none commands universal assent. Indeed, when two dozen prominent theorists were recently asked to define intelligence, they gave two dozen

some what different definitions.

METHODOLOGY

Aims and objectives of the study :

To examine the intelligence of all India inter university and inter college level ball-badminton players.

Hypothesis :

The following major hypothesis framed :

All India inter university and Inter college level ball-badminton players have significantly high intelligence than State level ball-badminton players.

Sample :

For the present study, 120 players were selected from various colleges of Hemchandracharya North Gujarat University, Patan. The effective sample consisted of 120 subjects, out of which 60 subjects were male and 60 subjects were female. The age range of subjects were 18 to 25 years.

Tools :

Verbal intelligence test :

This test was developed and standardized by Ojha and Ray Chaudhary (1994). The test consisted of 203 items. The subjects were required to respond to each item of 'YES' or 'NO'. The reliability coefficient of the test was found 0.87 with Spearman Brown formula. The validity coefficient was found 0.91.

Procedures of data collection :

Each of three instruments could be administered individuals as well as a small group. While collecting the data for the study, the later approach was adopted. The subjects were called in a small group of 20 to 25 subjects and there seating arrangements were made in a classroom. Prior to administration of test or scale through informal talk appropriate rapport from the following the instructions and procedure suggested by the author of the scale and tests. The tests were administered and field copies of each test was collected. Following the same procedure, the whole data were collected:

Variables of the study :

- All India inter university, inter college.

Statistical treatment of data :

First data were subjects to descriptive statistical *i.e.* mean and standard deviation and 't' test has been used.

OBSERVATIONS AND DISCUSSION

All India inter and Inter college level ball-badminton players showing the mean, S.D. and 't' value of factors 'Intelligence' have been presented in Table 1.

Table 1 : Mean standard deviation and 't' test					
Players	Mean	SD	N	DF	't' value
All India inter university	105.09	6.12	60	118	10.2**
Inter college	94.89	4.62	60		

The results related to the hypothesis have been recorded. Mean of intelligence score of the all India inter university level ball-badminton players was 105.09 and that of the Inter College level ball-badminton players was 94.89 (Fig. 1). The difference between the mean if highly significant 't'=10.2,df=118.

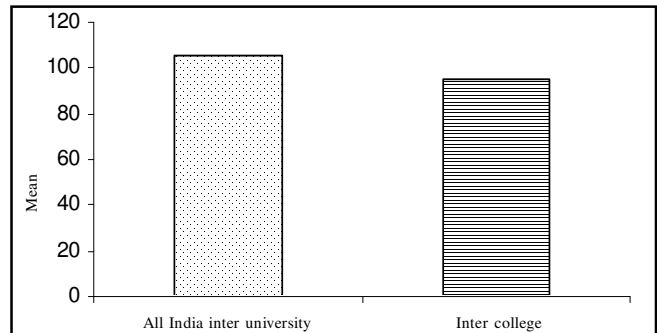


Fig. 1 : Mean of intelligence score of all India inter university and inter college

Thus, the hypothesis is confirmed that all India inter university level ball-badminton players have significantly high intelligence than Inter college level ball-badminton players.

All India inter university level ball-badminton players had significantly high intelligence than inter college level ball-badminton players.

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