

Comparative Study of Physical Fitness of Deaf and Dumb Boys with Normal Boys

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Abstract –

A study conduct on total number of 20 boys from Deaf and dumb and 20 from normal category to compare the physical fitness ,J.C.R. Test¹ is adopted for this test.The scholar hypothesized that deaf and dumb boys have more physical fitness than normal boys after test results the hypothesis was accepted hence and the conclusion was drawn that deaf and dumb boys of age group 14to 18 are having more physical fitness than that of normal boys of same age group.

The aim of this study is to compare the physical fitness of Deaf and Dumb boys with normal boys, so that the need of the Deaf and Dumb boys will be recognized. The finding of the study would be of value to those involved in educating the Deaf and Dumb boys, training them to live as useful citizens within the limitations of their disabilities. This study would also be of a great value to that organizing development remedial and recreational program of physical education for the Deaf and Dumb boys.

The present study would help in analyzing the difference between the students belonging to the Deaf and Dumb school in physical fitness.

“Physical Education, an integral part of the total educational process is a field of endeavor, that has its aim, the development of physically, mentally, emotionally and socially fit citizen through the medium of physical activities which are selected with a view to reach to this outcome.”²

As the physical fitness is very important for the well being, the inclination of understanding a study on the problem, “Affinity of Deaf and Dumb boys with normal boys in relation to physical fitness”.

Selected study is to throw light on the misconception of the people that the handicapped (Deaf and Dumb) children are weak in games and sports activities and their physical fitness parameters are not asnormal children.

The aim of this study was to compare the physical fitness variables of Deaf and Dumb boys

with normal boys like Agility, Explosive power , Strength ,Speed .

The study was performed on the number of subjects available in deaf and Dump category of the age group of 14 to 18 from the Deaf and Dumb school. This study was restricted the total number of subjects to 20 boys from Deaf and dump and 20 from normal category J.C.R. Test³ is adopted for this test.

Equipments - Stop watch, Measuring Tape Measuring tape, Horizontal Bar, Wall, lime powder, Clapper, Flag, Bank Board, Chalk and pencil for marking

Table No. 1

Table displayings mean difference in shuttle Run performance of deaf and dumb boys with normal boys.

Sr .	Groups	Mean	S.D .	M.D .	C'al 't'	Tabulated t
1	Deaf and Dumb students	49.9	3.38			2.0at 0.05 level of significance and 19 is df
2	Normal students	52.3	2.41	2.4	2.52	

1 33 Philips B.E., “The J.C.R. Test”, Research Quarterly, XVIII No. 1 March 1947, 12.

2 Bucher Charles A, Foundation of Physical Education, (St Levis: The C.V. Mosby Company, 1983), 9th Edition.

Findings: There is no significant difference in the shuttle run performance of deaf and dumb boys and

normal boys. Calculated 't':2.52, Tabulated 't' at 2.0 level of significance was 0.05.

Table No. 2

Table Showing mean difference in vertical Jump performance of deaf and dumb boys with normal boys.

Sr.	Group	Mean	S.D.	M.D.	Cal 't'	Tabulated t
1	Deaf and Dumb students	6.9	0.6	5	5	2.0 at 0.05 level of significance and 19 is df
2	Normal students	5.8	0.8			

Findings: There is significant difference in the vertical Jump performance of deaf and dumb boys with normal boys. Calculated 't' : 5 Tabulated 't' at 2.0 level of significance was 0.05.

It is seen from table No. 2 that there is significant difference in vertical Jump performance of deaf and dumb and normal boys.

Table No. 3

Table Showing mean difference in Chin Up performance of deaf and dumb boys with normal boys.

Sr.	Group	Mean	S.D.	M.D.	Cal 't'	Tabulated t
1	Deaf and Dumb students	7.4	0.8	1.1	6.29	2.8 at 0.01 level of significance & 19 df
2	Normal students	5.7	0.9			

Findings: There is significant difference in the chin up performance of deaf and dumb boys with normal boys. Calculated 't': 6.29 Tabulated 't' 2.8 at 0.01 level of significance was.

It is seen from table No.3 that there is significant difference in Chin-up performance of deaf and dumb and normal boys.

Conclusion-

The hypothesis made by scholar that deaf and dumb boys have more physical fitness than normal boys have been accepted hence the conclusion is drawn that deaf and dumb boys of age group 14 to 18 are having more physical fitness than that of normal boys of same age group.

References-

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