

## Study of Attitude of School Boys towards Physical Education and Sports

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### Abstract

The Purpose Of The Present Study Was To Find out Attitude Of School Boys Towards Physical Education And Sports The Objective Of The Present Study Was To Find Out The Attitude Of The School Boys Towards The Physical Education And Sports Programme Being Run In The Schools Located In Yavatmal City The Researcher Hypothesized That The Attitude Of School Boys And Teacher Towards Physical Education And Sports Is Positive And Was Found True.The Present Source Of The Data is from Yavatmal City Out Of 20 Schools, 10 Schools Were Selected Randomly. From Each School, Max. 10 Students-Respondent Were Selected For The Study.The Researcher Used In This Study Self Designed Questionnaires To Collect Data. Further Wherever Required Pre-Informed Interviews Were Also Administered The Questioner Got Filled In The Subject In Researcher's Presence From The. School Boys After Collection The Data Was Statistically Analyzed. The Results Of The Study Revealed That The Attitude Of School Boys Towards Physical Education And Sports Is Positive And Was Found True.

**KEYWORDS:** Attitude, School Boys

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### INTRODUCTION:

It is strongly and universally accepted that Physical Education is an integral part of the general education i.e. in the modern context physical education has been recognized as an integral part of general education. Generally physical education is misunderstood to mean physical activity or merely drill. It is necessary to provide knowledge regarding true meaning and scope of physical education. Therefore it is necessary to have a glance of the general education and its historical need for the society Historically, Education has two primary responsibilities to society. First, the ultimate purpose of education in a society is the preparation of that Society's social & cultural heritage. In other words, education has survival value by educating individuals in the social & cultural heritage of a society that society

continues to function through those individuals Henry considered an academic discipline as "an organized body of knowledge collectively embraced in a formal course of learning". It need not have a

practical application. A "theoretically and scholarly content as distinguished from technical and professional a focus of attention, a unique body of knowledge and a particular mode of inquiry" is all that constitutes a discipline, believes Kenyon. The major focus of physical education is movement. Movement for fitness, for performance, for excellence, for recreation and for health is all that is emphasized, advocated, preached and practiced in physical education. The multidimensional movement requires multi-disciplinary approach to creating a theoretical foundation and practical program of physical education.

**ATTITUDE** - As the study is concerned with the attitude of various persons, the scholar has tried to find out the meaning of attitude, which gave him specific directions to conduct the research study appropriately. The attitude is basic factor in accepting or rejecting changes, experience has shown that attitude not only determines the conclusion derived from facts, but also influences the very

meaning of facts, one is willing to accept. It is a common observation that the teachers and students with attitudes unfavourable to certain materials or methods of teaching or evaluation procedures find it difficult to adjust them those whose attitudes are favourable. Thus the attitudes are favourable. Thus the attitude today's a great role in academic life of students and teachers in physical education Some of the eminent psychological have mentioned about the attitudes and it importance as under.

#### PURPOSE OF THE STUDY:

The main purpose of the study was to find out the attitude of the school boys towards the Physical Education and Sports programme being run in the schools located in yavatmal city

#### SIGNIFICANCE OF THE STUDY:

1. The study has brought out the Attitudes of School boys towards physical education and sports.
2. Findings of the study in terms of attitude of school boys may give the further ideas to participate in the programme of physical education for other students

3. Findings of the study may motivate the student to participate in physical education program and sports enthusiastically.

#### SOURCE OF DATA:

In Yavatmal city about 20 high schools exist. Each of the school runs the middle school i.e. 7th to 9th std. All the schools are scattered here and there. Some of the school located at the boundary level of the city. Out of 20 schools, 10 schools were selected randomly. From each school, max. 10 students-respondent were selected for the study.

#### SAMPLING PROCEDURE:

The research scholar has applied the available sample method for the collection of the data i.e. Random sample and quota random sample was adopted for the study. Out of 20 schools 10 schools are selected randomly. From each school, max. 10 students-respondent were selected on randomly quota based as the source of data. Further from each standard/and the section at least one student was considered to be selected. Although the scholar had selected 100 student respondent, he received back 50 questionnaires only

#### CRITERION MEASURE:

In this study self designed questionnaires were used to collect data. Further wherever required pre-informed interviews were also administered

#### COLLECTION OF DATA:

The collection of the data was done through randomly selected subjects

**ANALYSIS OF DATA AND INTERPRETATIONS** All the information collected from the students, respondents from the Yavatmal city have been based on the following item areas and further tabulated according to the settled objectives.

The selected Items are as follows -

- i. Importance of Physical Education;
- ii. Planning of Physical education programme in schools and sports competitions to be held as intramural and extramural;

iii. Curriculum (Instructional Program);

iv. Appointment of the teachers on the basis students' ratio;

v. Work-load in terms of allotted periods for physical education programme;

vi. Relationship between students and the physical education teacher;

vii. Place/status of physical education teacher in school administration;

viii. Relationship between parents and other teachers;

ix. Demand of coaches sports through expert coaches in schools; and Ultimately in order to achieve the main aim and the allied objectives of the study, the responses given to the statements of questionnaires have been studied analytically and wherever found necessary studied critically. Further the numerical analysis of the collected data has discussed in order of the settled purposes, which are given in the subsequent pages. To fulfil the first **Objective** of the study, attitude of the school boys towards physical education and sports is discussing statement wise separately and at the end with the interpretation on statistical application, Graphs has also given. In short, analysis of data and interpretation has been presented under the headings of -

1. Scoring of data

2. Level of significance

3. Analysis of data

4. Findings

It was to find out the attitude of Boys-students of middle school toward physical education and sports.

**Table No. 1**

**Showing Calculation Of  $\chi^2$  for the statement "Physical Education plays an important role to develop child's personality"**

**Agreement Fo Fe  $\chi^2$**

Strongly Agree 36 10 67.6

Agree 11 10 0.1

Undecided 1 10 8.1

Disagree 1 10 8.1

Strongly Disagree 1 10 8.1

**Total  $\chi^2$  92**

From the above cited table it is observed that the frequency observed for strongly agree is 36, for agree it is 11, for undecided it is 1, for disagree it is 1, and for strongly disagree it is 1. The cell  $\chi^2$  for strongly agrees is 67.60, for agree it is 0.10, for undecided it is 8.10, for disagree it is 8.10 and for strongly disagree it is 8.10. The total  $\chi^2$  for above given statement is 92.00.

The table value of  $\chi^2$  at 4 degree of freedom and 0.05 level of significance is 9.49. As the obtained  $\chi^2$  is greater than the table value of  $\chi^2$ , it is concluded that the five frequencies differ from each other. Out of 50, 36 respondents strongly agree with the Physical Education plays an important role to develop their personality. In the same way it is also observed that out of 50, 11 respondents agree with this statement. Thus, it can be interpreted that all-most-all strongly agree that Physical Education plays an important role to develop your personality.

**Table No. 2**

**Showing Calculation Of  $\chi^2$  for the statement “Phy. Edu. plays an important role to develop child’s personality”**

**Agreement Fo Fe  $\chi^2$**

Strongly Agree 35 10 65.3

Agree 12 10 2.81

Undecided 1 10 8.1

Disagree 1 10 8.1

Strongly Disagree 1 10 8.1

**Total  $\chi^2$  92**

From this table it shows that the frequency observed for strongly agree is 35, for agree it is 12, for undecided it is 1, for disagree it is 1, and for strongly disagree it is 1. The cell  $\chi^2$  for strongly agrees is 65.3, for agree it is 2.81, for undecided it is 8.10, for disagree it is 8.10 and for strongly disagree it is 8.10. The total  $\chi^2$  for above given statement is 92.00.

The table value of  $\chi^2$  at 4 degree of freedom and 0.05 level of significance is 9.49.

Because the obtained  $\chi^2$  is greater than the table value of  $\chi^2$ , it is concluded that the five frequencies differ from each other. Out of 50, 35 respondents strongly agree with the Physical Education plays an important role to develop child’s personality. In the same way it

is also seen that out of 50, 12 respondents agree with this statement. It can be interpreted that all-most-all agree in Physical Education plays an important role to develop one's personality

**Table No. 3**

**Showing Calculation Of  $\chi^2$  for the statement "Participation in Physical Activities conducted at school should make compulsory to each child"**

**Agreement Fo Fe  $\chi^2$**

Strongly Agree 30 10 40

Agree 16 10 3.6

Undecided 1 10 8.1

Disagree 2 10 6.4

Strongly Disagree 1 10 8.1

**Total  $\chi^2$  66.20**

From the above table it is observed that the frequency observed for strongly agree is 30, for agree it is 16 for undecided it is 1, for disagree it is 2, and for strongly disagree it is 1. The cell  $\chi^2$  for strongly agrees is 40.00, for agree it is 3.60, for undecided it is 8.10, for disagree it is 6.40 and for strongly disagree it is 8.10. The total  $\chi^2$  for above given statement is 66.20 The table value of  $\chi^2$  at 4 degree of freedom and 0.05 level of significance is 9.49. Because the obtained  $\chi^2$  is greater than the table value of  $\chi^2$ , it is concluded that the five frequencies differ from each other. Out of 50, 30 respondents strongly agree with the participation in physical activities conducted at school should make compulsory to each child. In the same way it is also seen that out of 50, 16 respondents agree with this statement. It can be interpreted that all-most-all agree in participation in physical activities conducted at school should make compulsory to each child.

**Table No. 4**

**Showing Calculation Of  $\chi^2$  for the statement You are always interested to engage physical activities Provided by your school teacher"**

**Agreement Fo Fe  $\chi^2$**

Strongly Agree 30 10 40

Agree 16 10 3.6

Undecided 1 10 8.1

Disagree 2 10 6.4

Strongly Disagree 1 10 8.1

**Total  $\chi^2$  66.20**

The observed frequency is 30, 16, 0, 2, 2 and  $\chi^2$  is 40.00, 3.60, 10.00, 6.40 & 6.40 respective to strongly agree, agree, & undecided, disagree and strongly disagree. The total  $\chi^2$  for above given statement is 66.40. The table value of  $\chi^2$  at 4 degree of freedom and 0.05 level of significance is 9.49. The given obtained  $\chi^2$  (66.20) is greater than the table value of  $\chi^2$  (9.49), which indicates that the given frequencies differs from each other. In simple words it is observed that 60%, 32% responses found positive in terms of its agreement respectively.

Thus it indicates that boy-students are always interested to engage physical activities provided by their school teacher.

**Table No. 5**

**Showing Calculation Of  $\chi^2$  for the statement “You will be happy if you have not been selected for your school team.”**

**Agreement Fo Fe  $\chi^2$**

Strongly Agree 2 10 6.4

Agree 1 10 8.1

Undecided 0 10 10

Disagree 12 10 0.4

Strongly Disagree 35 10 62.5

**Total  $\chi^2$  87.4**

The observed frequency is 2, 1, 0, 12, 35 and  $\chi^2$  is 6.4, 8.1, 10.00, 0.4 & 62.5 respective to strongly agree, agree, & undecided, disagree and strongly disagree. The total  $\chi^2$  for above given statement is 87.40. The table value of  $\chi^2$  at 4 degree of freedom and 0.05 level of significance is 9.49. The given obtained  $\chi^2$  (87.40) is greater than the table value of  $\chi^2$  (9.49), which indicates that the given frequencies differs from each other. In simple words it is observed that 24%, 70% responses found negative in terms of its agreement.

Thus it indicates that boy-students will not be happy if they have not been selected for their school team.

**Table No. 6**

**Showing Calculation Of  $\chi^2$  for the statement “Participation in tournaments/competition is mere waste of money & time.”**

**Agreement Fo Fe  $\chi^2$**

Strongly Agree 2 10 6.4

Agree 6 10 1.6

Undecided 1 10 8.1

Disagree 8 10 0.4

Strongly Disagree 33 10 52.9

**Total**  $\chi^2$  69.4

The observed frequency is 2, 6, 1, 8, 33 and  $\chi^2$  is 6.4, 1.6, 8.1, 0.4 & 52.9 respective to strongly agree, agree, & undecided, disagree and strongly disagree. The total  $\chi^2$  for above given statement is 69.4. The table value of  $\chi^2$  at 4 degree of freedom and 0.05 level of significance is 9.49. The given obtained  $\chi^2$  (69.4) is greater than the table value of  $\chi^2$  (9.49), which indicates that the given frequencies differs from each other.

In simple words it is observed that 16%, 66% responses found negative in terms of its agreement.

Thus it indicates that boy-students don't think that participation in tournaments/competitions will not be waste of money and time.

**Table No. 7.**

**Showing Calculation Of  $\chi^2$  for the statement, "You always prefer to participate in tournament/competitions of sports & games."**

**Agreement Fo Fe  $\chi^2$**

Strongly Agree 30 10 40

Agree 15 10 2.5

Undecided 0 10 10

Disagree 4 10 3.6

Strongly Disagree 1 10 8.1

**Total**  $\chi^2$  64.2

The observed frequency is 30, 15, 0, 4, 1 and  $\chi^2$  is 40, 2.5, 10, 3.6 & 8.1 respective to strongly agree, agree, & undecided, disagree and strongly disagree. The total  $\chi^2$  for above givenstatement is 64.2. The table value of  $\chi^2$  at 4 degree of freedom and 0.05 level of significance is 9.49. The given obtained  $\chi^2$  (64.2) is greater than the table value of  $\chi^2$  (9.49), which indicates that the given frequencies differs from each other. In simple words it is observed that 60%, 30% responses found positive in terms of its agreement.

Thus it indicates that boy-students always prefer to participate in the tournaments/competitions of Sports & Games.

**Table No 8**

**Showing Calculation Of  $\chi^2$  for the statement “You prefer to keep close relationship with P.E.T rather than any other teacher.”**

Agreement Fo Fe $\chi^2$
Strongly Agree 29 10 36.1
Agree 14 10 1.6
Undecided 3 10 4.9
Disagree 3 10 4.9
Strongly Disagree 1 10 8.1
Total $\chi^2$ 55.6

From the above table it is observed that the frequency observed for strongly agree is 29, for agree it is 14 for undecided it is 3, for disagree it is 3, and for strongly disagree it is 1. The cell  $\chi^2$  for strongly agrees is 36.10, for agree it is 1.60 for undecided it is 4.90, for disagree it is 4.90 and for strongly disagree it is 8.10 The total  $\chi^2$  for above given statement is 55.60 The table value of  $\chi^2$  at 4 degree of freedom and 0.05 level of significance is 9.49. Because the obtained  $\chi^2$  is greater than the table value of  $\chi^2$ , it is concluded that the five frequencies differ from each other. Out of 50, 29 respondents strongly agree with the “You prefer to keep close relationship with P.E.T rather than any other teacher.” In the same way it is also seen that out of 50, 15 respondents agree with this statement. It can be interpreted that all-most-all agree in “You prefer to keep close relationship with P.E.T rather than any other teacher.

**Table No. 9**

**Showing Calculation Of  $\chi^2$  for the statement “your peers do not like to attend physical activities conduct in your school.”**

Agreement Fo Fe $\chi^2$
Strongly Agree 0 10 10
Agree 8 10 0.4
Undecided 5 10 2.5
Disagree 13 10 0.9
Strongly Disagree 24 10 19.6
Total $\chi^2$ 33.4

From the above table it is observed that the frequency observed for strongly disagree is 24, for disagree it is 13 for undecided it is 5, for agree it is 8, and for strongly agree it is 0. The

cell  $\chi^2$  for strongly disagrees is 19.60, for disagree it is 0.90 for undecided it is 2.50, for agree it 0.4 and for strongly agree 10 The total  $\chi^2$  for above given statement is 33.40 The table value of  $\chi^2$  at 4 degree of freedom and 0.05 level of significance is 9.49. Because the obtained  $\chi^2$  is greater than the table value of  $\chi^2$ , it is concluded that the five frequencies differ from each other. Out of 50, 24 respondents strongly disagree with “your peer do not like to attend physical activities conduct in your school.” In the same way it is also seen that out of 50, 13 respondents disagree with this statement. It can be interpreted that all-most-all strongly disagree in “your peer do not like to attend physical activities conduct in your school.

**Table No 10**

**Showing Calculation Of  $\chi^2$  for the statement “your teacher motives you always to participate in sports & games competition/tournaments.”**

Agreement Fo Fe $\chi^2$
Strongly Agree 32 10 48.4
Agree 14 10 1.6
Undecided 1 10 8.1
Disagree 3 10 4.9
Strongly Disagree 0 10 10
Total $\chi^2$ 73

From the above table it is observed that the frequency observed for strongly agree is 32, for agree it is 14 for undecided it is 1, for disagree it is 3, and for strongly disagree it is 0. The cell  $\chi^2$  for strongly agrees is 48.40, for agree it is 1.60 for undecided it is 8.10, for disagree it is 4.90 and for strongly disagree it is 10 The total  $\chi^2$  for above given statement is 73 The table value of  $\chi^2$  at 4 degree of freedom and 0.05 level of significance is 9.49. Because the obtained  $\chi^2$  is greater than the table value of  $\chi^2$ , it is concluded that the five frequencies differ from each other. Out of 50, 32 respondents strongly agree with the “your teacher motives you always to participate in sports & games competition/tournaments.” In the same way it is also seen that out of 50, 14 respondents agree with this statement. It can be interpreted that all-most-all agree in “your teacher motives you always to participate in sports & games competition.

**Table No 11**

**Showing Calculation Of  $\chi^2$  for the statement “ your parents motivate you always to participate in programme of physical education.”**

Agreement Fo Fe  $\chi^2$

Strongly Agree 33 10 52.9

Agree 14 10 1.6

Undecided 0 10 10

Disagree 3 10 4.9

Strongly Disagree 0 10 10

Total  $\chi^2$  79.4

From the above table it is observed that the frequency observed for strongly agree is 33, for agree it is 14 for undecided it is 0, for disagree it is 3, and for strongly disagree it is 0. The cell  $\chi^2$  for strongly agrees is 52.9, for agree it is 1.60 for undecided it is 10, for disagree it is 4.90 and for strongly disagree it is 10 The total  $\chi^2$  for above given statement is 79.40 The table value of  $\chi^2$  at 4 degree of freedom and 0.05 level of significance is 9.49. Because the obtained  $\chi^2$  is greater than the table value of  $\chi^2$ , it is concluded that the five frequencies differ from each other. Out of 50, 33 respondents strongly agree with the “ your parents motivate you always to participate in programme of physical education.” In the same way it is also seen that out of 50, 14 respondents agree with this statement. It can be interpreted that all-most-all agree in “ your parents motivate you always to participate in programme of physical education.”

**Table No 12**

**Showing Calculation Of  $\chi^2$  for the statement “ physical education should not be limited to the play field only.”**

Agreement Fo Fe  $\chi^2$

Strongly Agree 39 10 84.1

Agree 8 10 0.4

Undecided 1 10 8.1

Disagree 1 10 8.1

Strongly Disagree 1 10 8.1

Total  $\chi^2$  108.8

From the above table it is observed that the frequency observed for strongly agree is 39, for agree it is 8 for undecided it is 1, for disagree it is 1, and for strongly disagree it is 1. The

cell  $\chi^2$  for strongly agrees is 84.10, for agree it is 0.40 for undecided it is 8.1 for disagree it is 8.10 and for strongly disagree it is 8.1 The total  $\chi^2$  for above given statement is 108.8 The table value of  $\chi^2$  at 4 degree of freedom and 0.05 level of significance is 9.49. Because the obtained  $\chi^2$  is greater than the table value of  $\chi^2$ , it is concluded that the five frequencies differ from each other. Out of 50, 39 respondents strongly agree with the “physical education should not be limited to the play field only.” In the same way it is also seen that out of 50, 8 respondents agree with this statement. It can be interpreted that all-most-all agree in “physical education should not be limited to the play field only”

Table No 13

Showing Calculation Of  $\chi^2$  for the statement “ You don’t like to participate only in athletic meet.”

Agreement Fo Fe  $\chi^2$

Strongly Agree 21 10 12.1

Agree 22 10 14.4

Undecided 0 10 10

Disagree 4 10 3.6

Strongly Disagree 3 10 4.9

Total  $\chi^2$  45

From the above table it is observed that the frequency observed for strongly agree is 21, for agree it is 22 for undecided it is 0, for disagree it is 4, and for strongly disagree it is 3.

The cell  $\chi^2$  for strongly agrees is 12.10, for agree it is 14.04 for undecided it is 10 for disagree it is 3.6 and for strongly disagree it is 4.9 The total  $\chi^2$  for above given statement is 45 The table value of  $\chi^2$  at 4 degree of freedom and 0.05 level of significance is 9.49. Because the obtained  $\chi^2$  is greater than the table value of  $\chi^2$ , it is concluded that the five frequencies differ from each other. Out of 50, 21 respondents strongly agree with the “You don’t like to participate only in athletic meet.” In the same way it is also seen that out of 50,

22 respondents agree with this statement. It can be interpreted that all-most-all agree in “You don’t like to participate only in athletic meet”

Table No 14

Showing Calculation Of  $\chi^2$  for the statement “ Physical education programme is not place in your routine time table.”

Agreement Fo Fe  $\chi^2$

Strongly Agree 1 10 8.1

Agree 2 10 6.4

Undecided 4 10 3.6

Disagree 16 10 3.6

Strongly Disagree 27 10 28.9

Total  $\chi^2$  50.6

From the above table it is observed that the frequency observed for strongly disagree is 27, for disagree it is 16 for undecided it is 4, for agree it is 2, and for strongly agree it is 1.

The cell  $\chi^2$  for strongly disagrees is 28.90, for disagree it is 3.60 for undecided it is 3.6, for agree it 6.4 and for strongly agree 8.40 The total  $\chi^2$  for above given statement is 50.6 The table value of  $\chi^2$  at 4 degree of freedom and 0.05 level of significance is 9.49. Because the obtained  $\chi^2$  is greater than the table value of  $\chi^2$ , it is concluded that the five frequencies differ from each other. Out of 50, 27 respondents strongly disagree with “Physical education programme is not place in your routine time table.” In the same way it is also seen that out of 50, 16 respondents disagree with this statement. It can be interpreted that all-most-all strongly disagree in “Physical education programme is not place in your routine time table.” Because it is the negative question.

**Table No 15**

**Showing Calculation Of  $\chi^2$  for the statement “ You would like to have more period for physical education programme.”**

Agreement Fo Fe  $\chi^2$

Strongly Agree 37 10 72.9

Agree 9 10 0.1

Undecided 1 10 8.1

Disagree 2 10 6.4

Strongly Disagree 1 10 8.1

Total  $\chi^2$  95.6 From the above table it is observed that the frequency observed for strongly agree is 37, for agree it is 9 for undecided it is 1, for disagree it is 2, and for strongly disagree it is 1. The cell  $\chi^2$  for strongly agrees is 72.90, for agree it is 0.10 for undecided it is 8.1 for disagree it is 6.40 and for strongly disagree it is 8.1 The total  $\chi^2$  for above given statement is 95.60 The table value of  $\chi^2$  at 4 degree of freedom and 0.05 level of significance is 9.49. Because the obtained  $\chi^2$  is greater than the table value of  $\chi^2$ , it is concluded that the five frequencies differ from each other. Out of 50, 37 respondents strongly agree with the “You would like to have more period for physical education programme.” In the same way it is also seen that out of 50, 9 respondents agree with this statement. It can be interpreted that all-most-all agree in “You would like to have more period for physical education programme”

**Table No. 16**

**Showing Calculation Of  $\chi^2$  for the statement “No P.E.T. has appointed for middle school”**

Agreement Fo Fe  $\chi^2$

Strongly Agree 2 10 6.4

Agree 2 10 6.4

Undecided 2 10 6.4

Disagree 12 10 0.4

Strongly Disagree 32 10 48.4

Total  $\chi^2$  68

From the above table it is observed that the frequency observed for strongly disagree is 32, for disagree it is 12 for undecided it is 2, for agree it is 2, and for strongly agree it is 2. The cell  $\chi^2$  for strongly disagrees is 48.40, for disagree it is 0.4 for undecided it is 6.4, for agree it 6.4 and for strongly agree 6.4 The total  $\chi^2$  for above given statement is 68 The table value

of  $\chi^2$  at 4 degree of freedom and 0.05 level of significance is 9.49. Because the obtained  $\chi^2$  is greater than the table value of  $\chi^2$ , it is concluded that the five frequencies differ from each other. Out of 50, 32 respondents strongly disagree with “No P.E.T. has appointed for middle school.” In the same way it is also seen that out of 50, 12 respondents disagree with this statement. It can be interpreted that all-most-all strongly disagree in “No P.E.T. has appointed for middle school.” Because it is the negative question.

**Table No 17**

**Showing Calculation Of  $\chi^2$  for the statement “ You need more P.E.T.in your school”**

Agreement Fo Fe  $\chi^2$

Strongly Agree 35 10 62.5

Agree 9 10 0.1

Undecided 1 10 8.1

Disagree 4 10 3.6

Strongly Disagree 1 10 8.1

Total  $\chi^2$  82.4

From the above table it is observed that the frequency observed for strongly agree is 35, for agree it is 9 for undecided it is 1, for disagree it is 4, and for strongly disagree it is 1. The cell  $\chi^2$  for strongly agrees is 62.50 for agree it is 0.10 for undecided it is 8.1 for disagree it is 3.60 and for strongly disagree it is 8.1 The total  $\chi^2$  for above given statement is 82.40 The table value of  $\chi^2$  at 4 degree of freedom and 0.05 level of significance is 9.49. Because the obtained  $\chi^2$  is greater than the table value of  $\chi^2$ , it is concluded that the five frequencies differ from each other. Out of 50, 37 respondents strongly agree with the “You need more P.E.T.in your school.” In the same way it is also seen that out of 50, 9 respondents agree with this statement. It can be interpreted that all-most-all agree in “You need more P.E.T.in your school”

**Table No. 18**

**Showing Calculation Of  $\chi^2$  for the statement “Sports coach should be appointed in place of P.E.T”**

Agreement Fo Fe  $\chi^2$

Strongly Agree 4 10 3.6

Agree 2 10 6.4

Undecided 4 10 3.6

Disagree 1 10 8.1

Strongly Disagree 26 10 25.6

Total  $\chi^2$  47.3

From the above table it is observed that the frequency observed for strongly disagree is 26, for disagree it is 1 for undecided it is 4, for agree it is 2, and for strongly agree it is 4. The cell  $\chi^2$  for strongly disagrees is 25.6, for disagree it is 8.10 for undecided it is 3.6, for agree it 6.4 and for strongly agree 3.6 The total  $\chi^2$  for above given statement is 47 The table value of  $\chi^2$  at 4 degree of freedom and 0.05 level of significance is 9.49. Because the obtained  $\chi^2$  is greater than the table value of  $\chi^2$ , it is concluded that the five frequencies differ from each other. Out of 50, 26 respondents strongly disagree with “No Sports coach should be appointed in place of P.E.T.” In the same way it is also seen that out of 50, 1 respondents disagree with this statement. It can be interpreted that all-most-all strongly disagree in “No P.E.T. has appointed for middle school.” Because it is the negative question.

**Table No 19**

**Showing Calculation Of  $\chi^2$  for the statement “ P.E.T plays an importance role in school administration”** Agreement Fo Fe  $\chi^2$

Strongly Agree 34 10 57.6

Agree 7 10 0.9

Undecided 5 10 2.5

Disagree 4 10 3.6

Strongly Disagree 0 10 10

Total  $\chi^2$  74.6

From the above table it is observed that the frequency observed for strongly agree is 34, for agree it is 7 for undecided it is 5, for disagree it is 4, and for strongly disagree it is 0. The cell  $\chi^2$  for strongly agrees is 57.60 for agree it is 0.90 for undecided it is 2.50 for disagree it is 3.60 and for strongly disagree it is 10 The total  $\chi^2$  for above given statement is 74.60 The table value of  $\chi^2$  at 4 degree of freedom and 0.05 level of significance is 9.49. Because the obtained  $\chi^2$  is greater than the table value of  $\chi^2$ , it is concluded that the five frequencies differ from each other. Out of 50, 34 respondents strongly agree with the “P.E.T plays an importance role in school administration.” In the same way it is also seen that out of 50, 7 respondents agree with this statement. It can be interpreted that all-most-all agree in “P.E.T plays an importance role in school administration”.

**Table No 20****Showing Calculation Of  $\chi^2$  for the statement “ Your parents supports you to participate in games & sports competition economically and morally”**

From the above table it is observed that the frequency observed for strongly agree is 36, for agree it is 9 for undecided it is 1, for disagree it is 4, and for strongly disagree it is 0. The cell  $\chi^2$  for strongly agrees is 67.60 for agree it is 0.10 for undecided it is 8.10 for disagree it is 3.60 and for strongly disagree it is 10 The total  $\chi^2$  for above given statement is 89.4 The table value of  $\chi^2$  at 4 degree of freedom and 0.05 level of significance is 9.49. Because the obtained  $\chi^2$  is greater than the table value of  $\chi^2$ , it is concluded that the five frequencies differ from each other. Out of 50, 36 respondents strongly agree with the “Your parents supports you to participate in games & sports competition economically and morally.” In the same way it is also seen that out of 50, 9 respondents agree with this statement

**Discussion on Findings:**

It was to Identifying and understanding correlates of middle school children’s physical education activity participation are critical to promoting current and lifelong physical activity participation of children. Among other factors, boy-students, attitudes were considered to be the key element influencing physical activity and sports participation. Boys, who have more positive attitudes toward physical activity and sports participation were reported to be more likely to participate in physical activity and participate in sports competitions outside of school and demonstrate higher physical activity amounts than those with less positive attitudes.

**Conclusion:**

Recognizing the limitations of the present study following conclusions was drawn: It was hypothesized as the attitude of school boys towards physical education and sports is positive and was found true.

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