

Construction of Questionnaire for Physical Education Facilities in Higher Secondary Schools of Maharashtra

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Abstract

The main objective of the present study is to know the evaluation of physical education facilities in higher secondary schools of Maharashtra state. 100 students are served as sample of the present study. 100 students of Delhi public school of Nagpur district are selected for this study by simple random sampling. The self-made questionnaire will be made on the following five given variables related to the evaluation of physical education facilities. After the development of self made questionnaire, it was distributed to the following concerns of Delhi public school and take pilot study on the self made questionnaire for checking the validity that means whether it full fills the purpose for which it was made. Lastly analysis the data by using test re-test method.

Introduction

Current status of physical education in India

Physical Education Foundation of India (P.E.F.I.) is a registered non-governmental organization established in the year 2008 under the President ship of Dr. Sanjay Paswan, former Minister, (Govt. of India) with the aim to develop Physical Education and Sports at grass root level in India. It is the organization of young, energetic and dynamic Physical Educationist who has the vision to make this noble profession as the premier one.

The main aims and objectives of Physical Education Foundation of India are as:

1. To make Physical Education as a compulsory subject at primary level in the schools, colleges and universities.
2. To bring Healthy Environment, Create Fit and Healthy Culture.
3. To improve broad mass base for different Health, Fitness and Sports activities.

Purpose

The purpose of the study was to construct questionnaire for higher secondary schools with special reference to physical education facilities.

Methodology-

The present researcher designed a questionnaire based on test re-test method.

- This method is one of the simplest ways of testing the reliability.
- The test re-test method assesses the external consistency of a test.
- Test re-test methods reliability is conducting the same test with the same respondents at different time.

The researcher designed the questionnaire in two parts: part A information format for students which consisted general information regarding an individual viz, name of student, name of school, class, name of district, participation level etc. and part B consisting questions based on the facilities of physical education in schools.

At the initial stage the researcher collected 110 questions expressing different components of facilities. Later with the help of guide and some experts of the fields it was cut short to 100 questions.

While constructing the questionnaire the five components related to physical education facilities were considered viz.

1. Infrastructure
2. Physical education teacher
3. Equipments
4. Finance
5. Participations of boys and girls students.

After construction of the preliminary questionnaire it was tested on a random sample of 100 students of Delhi Public School Kamptee road Nagpur in the presence of investigator to avoid consultation with each other and to remove the doubt raised. The respondents gave their answer in the following manner.

Scoring:

Yes	1
No	0

STATISTICAL TECHNIQUE

For the two groups of subjects and each questions of the subjects of these group statistical analysis related to critical discriminating ratio was found out. So each was then analysed to find out the t value of each questions. Question of the same student from pre and post answer was analysed through t score.

't' value of each questions was used and the researcher used 0.05 level of significance the 't' value for this is 1.98 for the degree of freedom 98.

RESULT:

Hence the final result for the construction of questionnaire for facilities in higher secondary schools consisted of 60(questions) out of 100 questions. In which the t value of 60 questions are above the table value 1.98. and the other 40 questions whose t value are less than the table value 1.98.

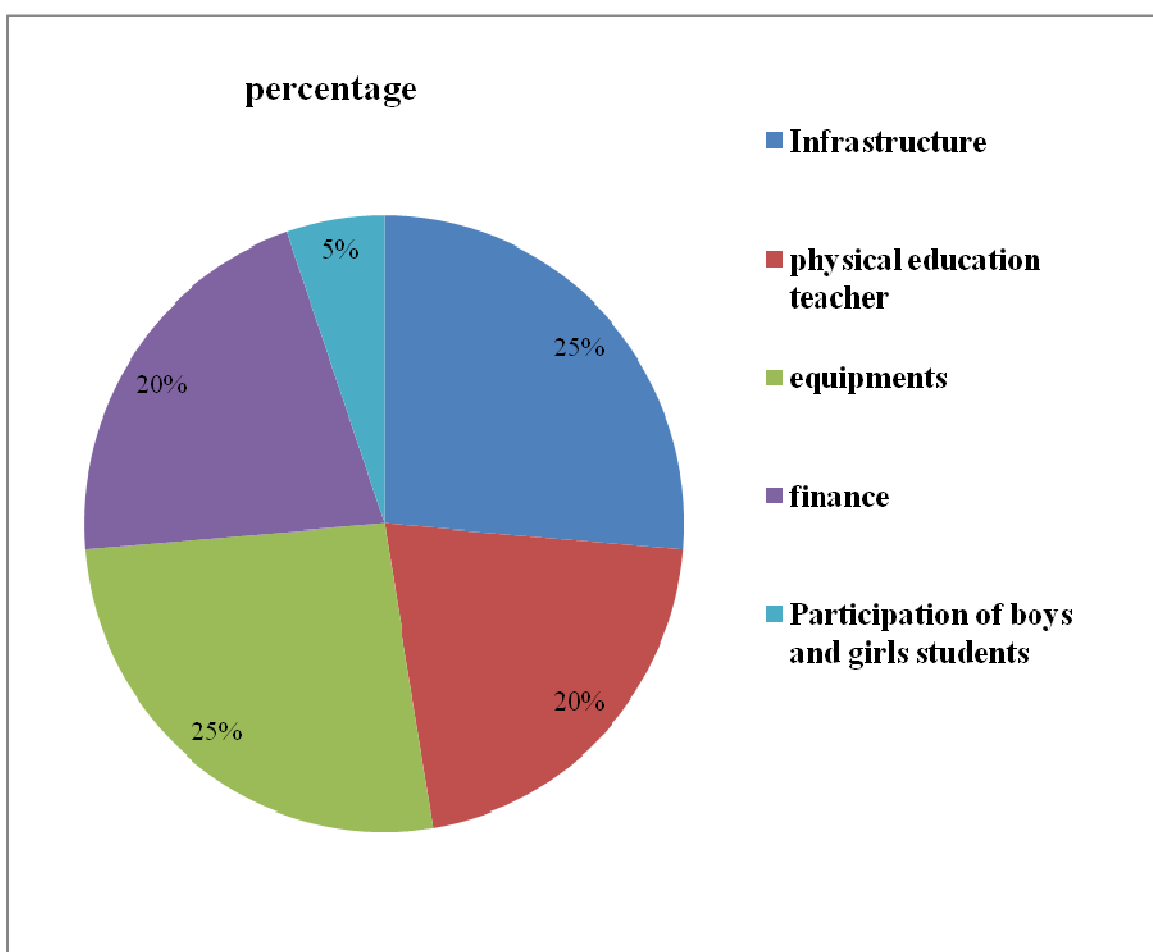
The items taken in the questionnaire related with the above mentioned components were infrastructure (15) i.e. 25% physical education teacher (12) i.e. 20% equipments (15) i.e. 25% finance (12) i.e. 20% and participations of boys and girls students (06) i.e. 05%, which shows the distribution of questions in the present researcher tool (questionnaire). The same has been shown with the help of tables and pie diagram.

TABLE NO. 1

Table showing the classification of five components related with physical education programme and facilities in questionnaire

Components	Total Questions	Percentage
Infrastructure	15	25%
Physical Education Teacher	12	20%
equipments	15	25%
finance	12	20%
Participation of boys and girls students	06	05%
Total	60	100%

Pie diagram showing the percentage of these components in the questionnaire towards physical education programme and facilities in schools



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