



A Study of Effectiveness of Diagnostic-Remedial Programme for Some Units in Business Organization Subject of Standard 11

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1. Introduction

Education is a process of all round development that helps an individual to become a productive and responsible member of the society. The function of education is to equip each individual with various skills and competencies for successful living. It is one of the important building blocks for the nation, serving as an instrument of economic and social development. Education formally takes place through teaching and learning processes; these processes are as old as civilization.

During industrial revolution, in the fields of science and technology many inventions took place. Mechanization in the field of production resulted in the increase of size of business unit. For each function the needs arise for different specialists. For this reason, specialization in the business unit became essential and this resulted in the high proportions of products. This necessitated high capital investments in the business unit.

Due to non availability of sufficient fund, business has to face many difficulties. Credit worthiness of business unit is affected of high ed if there is delay in making payment to creditors. Sometimes the firm has to ignore the opportunity of high profit investments, overlook the advantage of cash discount. Face difficulty in timely purchase of raw materials etc.

2. Statement of the problem

It is necessary to clear the subject. The study of subject is very important to know the problems of effectiveness of diagnosis and remedial programme in some units in Business Organization and Management of standard 11th. The statement of present research is as under.

A Study of Effectiveness of Diagnostic-Remedial Programme for Some Units in Business Organization Subject of Standard 11.

In present research the study has been conducted to diagnosis the error in 'Sources of Business Finance' in Business Organization subject and effectiveness of Remedial work for the same in relation to gender.

3. Defining the Key Words of the Problem

3.1 Diagnosis

Diagnosis is basically a word of medical science. Without proper diagnosis the treatment becomes meaningless. The diagnostic tests are important instruments of diagnosis. With it, where and which types of difficulties are faced can be found. This test can be standardized or teacher-made.

A test used to diagnose or analyze; that is to locate individual specific areas of weakness or strength, to determine the nature of his weakness or deficiencies, and wherever possible to suggest their cause. Such a test yields measures of the components or subparts of some large body of information or skills. Diagnostic achievements are most commonly prepared for the skill subject.

3.2 Remedial work

Remedial work is a process that intends to remedy a situation; that is to teach students what they should have learned. For example, reading classes at the High school or college level are considered remedial because most of the students learn to read in elementary school. The success of remedial education depends on several factors, including the teachers approach and expectations, the instructional material used and the student's motivation to learn.

The weakness of students and their reasons are found through diagnosis. After removing this weakness effectively, the obstacles in goal achievement of students are removed. This process is called remedial work.

4. Variables of the Study

Table 1: Table showing types of variables and its level

Sr.	Types of variables	Variables	Level
1	Dependent	Educational Achievement	---
2	Independent	Gender	Boys Girls

5. Objectives of the Research

The objectives of the present study are as under.

1. To prepare a diagnostic test in some units of Business Organisation of standard 11th
2. To diagnose the errors in some units of Business Organisation of standard 11th
3. To do remedial work for the same.
4. To study effectiveness of remedial work.

6. Hypothesis of the Research

The null hypothesis formed by researcher are as follows.

H₀₁ There is no significant difference between the mean score of pre test and post test of remedial test.

7. Importance of the Research

The importance of present research is as under

1. Determination of the extent to which desirable educational objectives are achieved.
2. Identification of factors that may be interfering with the optimum growth of the individual.
3. Diagnosis is an understanding of a present situation in terms of its causes, what has brought it about or in terms of what it will cause. Diagnosis, in one way or another involves a conception of cause
4. It helps the students to know their error or mistakes in 'Sources of Business Finance units. The students can solve their problems with the help of remedial programme.
5. The knowledge of students about 'Sources of Business Finance' will become rich.
6. The repetition of error occurred in 'Sources of Business Finance' unit may be reduce.
7. It also helps the teacher to improve his mistakes.
8. It will be possible for Schools to enable to guide their students accordingly. This research helps the teachers to guide their students.

8. Limitation of Research

The following are the delimitations of the study.

1. Present research is limited to English medium students.
2. Present research is limited to the students of academic year 2020-21.
3. Present research limited to the students of GSEB only.

9. Population of Study

In the present study all the higher secondary school students studying in standard 11th in English medium schools of Ahmedabad city in GSEB are the population of study.

10. Sampling

To constitute the sample the researcher has got the list of higher secondary schools. Then he randomly selected one school from population. One class contain 52 students of standard 11th were the sample of the present research. Thus, the researcher used random sampling technique to select the sample. Out of 52 students 31 were boys while 21 were girls.

11. Research Methodology

In the present study the researcher has applied the Experimental Method. It is the most popular and most widely used research method in education.

12. Tools of the Study

In present research researcher has used self made Pre test and Post test in association with Guide and Experts of the field to know the diagnosis and remedial programme for standard 11th students in 'Sources of Business Finance'.

13. Data Collection of the Study

In the present study the researcher used pre test and post test as a tool of data collection. Researcher first took the permission of selected school and personally went to the schools. Researcher first gave information about his research work and necessary instruction about diagnostic test. Researcher also took the help of School teachers.

After checking the pretest, the researcher found the mistakes occurred by the students in 'Sources of Business Finance' then he started remedial work up to one week and then he gave post test to those children researcher make sure that all the tests have been filled or not and collected. He collected all the data and gratitude his thanks towards the students, teachers and principal for their cooperation in data collection.

14. Analysis and Interpretation of the Data

In order to analyze and interpret the data obtained by the administering the students pre and post test. The following statically techniques are used with the help of computer aid Mean, standard Deviation, standard error of mean and t- test.

The test of the significance of the difference between two mean is known as t-test. In the present study, researcher used t-value because there is comparison between two variables.

H₀₁ There is no significant difference between the mean score of pre test and post test of remedial test. The standard error of Mean, t-value and the significant level of score on pre test of Boys and Girls are computed for testing null hypothesis. This detail is given in below Table 2

Table 2: Statistics of Pre test and Post test

Group	N	Average	Standard Deviation (SD)	Standard Error of Mean	t-score	Significance level
Pre test	52	24.6	8.09	1.30	4.66	0.01
Post test	52	30.7	3.50			

In above table- 2 we can see that mean values of Pre test and Post test are 24.6 and 30.7 respectively. The S.D. value is 8.09 and 3.50. Standard Error of Mean is 1.30. With the help of all these values computed t is 4.66 which is higher than the tabulated value 2.58 at 0.01 level.

So null hypothesis is rejected. Therefore, we can say that there is significant difference between the average score of pre test and post test of Sources of Business Finance. The mean score of Post test is higher than the Pre test. It means there is a positive effect of remedial work done for Sources of Business Finance.

15. Findings

The findings of the present study are;

1. There is significant difference between the average score of pre test and post test of Sources of Business Finance. It means there is a positive effect of remedial work done for 'Sources of Business Finance.

16. Educational Implications

Following are the educational implications for present research.

1. During class room teaching if teacher found that students are weak in pre knowledge remedial work should be done first.
2. If students are found still weak in any subject even after remedial work it is advisable to inform his\her parents.
3. After completion of every unit teacher should arrange diagnostic test and if it is necessary remedial work should be done.
4. Teacher should divide subject in small units for teaching in class room. So, it become easy to understand for students.
5. The diagnostic test should be objective and with multiple choice questions.
6. Remedial work is beneficial for the students so teacher should diagnose accurately.

17. Suggestions for future Research

1. No research is complete in the full extent. It is in the research itself the possibility of further research. Such possibilities arising out of the present research.
2. The present research is undertaken for the 'Sources of Business Finance' in Business Organization of standard 11th one can select any other unit except Sources of Business Finance.
3. In primary section diagnosis work can be done on any other subject like science, social science or any other languages.
4. In present research diagnosis and remedial work was held for higher secondary students one can take students of Primary, Secondary, B.Ed., M.Ed. or any other branch level.
5. Present research was held on English medium students but one can also try on Any other medium students.

18. Conclusion

The researcher has tried his best to study the diagnosis and remedial study and give his suggestions in the research. Efforts in the direction have been done by many scholars and experts, and are still undergoing by many. Such efforts will continue as long as there is innovation and creativity in the work method of teachers.

From the present research we can conclude that remedial work is prove effective here. However more analysis and work on it can improve the concept of the students.

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