



Comparative Study of Open Book Exam and Close Book Exam For VIIth Std.

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Abstract:

Evaluation is a continuous process of inquiry concerned with the study, appraisal, and improvement of all aspects of the education program. The most ideal is for this process to be carried out cooperatively by all concerned with the growth and development of children. The present time we are going for new and innovative techniques of educational evaluation system. For the improvement of quality new and innovative techniques must be used in evaluation system. That's why there is a necessity to apply "Open Book Examination".

KEY WORDS:

Open Book Exam and Close Book Exam

INTRODUCTION

Definition and Key Terms

OPEN BOOK EXAM

1. An "Open Book Examination" is one in which examinees are allowed to consult their class notes, textbooks, and other approved material while answering questions.

Closed book Exam

1. A "Closed Book Examination" is one in which examinees are not allowed to consult any of the material while answering questions.

OBJECTIVE OF STUDY

Main objectives of the present study were as follows:

1. To study the Open Book Examination system.
2. To study the Close Book Examination system.
3. To compare the effectiveness of Open Book Exam and Closed Book Exam.

HYPOTHESES

There is no significant difference between the mean achievement test scores of control group and experimental group after experimentation.

RESEARCH METHODOLOGY METHOD OF RESEARCH

In this research experimental method was used to study the effectiveness of Open Book Exam and Closed Book Exam. Two group post-test experimental design was used for this research work.

SAMPLE

The purposive cum incidental method of sampling was used to select the sample. The sample includes 80 students of S.R.B. High School.

Tool for data collection

1. An Achievement Test constructed and validated by the investigator.
2. Researcher had made the 20 marks Achievement Test for the purpose. It is based on the subject Geography of VIIth Std.

STATISTICAL TECHNIQUES

In this research mean, standard deviation, and t-test were used for data analysis.

Procedure

Equalization of the sample (40 in control group and 40 in experimental group) was done on the basis of first term examination scores. One group was assigned as an Experimental group which went through Open Book examination while another group was assigned as a control group which went through closed book examination. Students of VIIth Std. were informed about the examination pattern before one week. The collected data were subjected to statistical analyses and the results obtained were interpreted.

Data Analysis and Interpretation

HYPOTHESIS TESTING

There is no significant difference between the mean achievement test scores of control group and experimental group and after experimentation.

Table 1.

Group	Student	Mean	S.D.	df	Calculated 't' value	Theoretical 't' value	Level of significance
Control group	40	10.70	3.11	78	0.96	2.86 (0.01 level)	Not Significant
Experimental group	40	11.42	3.05			2.09 (0.05 level)	

From the table can be seen that for $df=78$ the tabulated value are 2.64 and 1.99 at 0.01 and 0.05 levels of significance respectively. The obtained value of 't' is 0.96, which less than the tabulated value at both levels of significance. Hence, the null hypothesis is not rejected at both the levels of significance.

CONCLUSION

1. The observed 't' value is less than the tabulated value of 't' from the table which shows that there is no significant difference between post test score of control group and experimental group of students. Hence, the null hypothesis is not rejected.
2. There is no significant difference between mean achievements of examination of students who gave their examination with different patterns.
3. It is concluded that the examination pattern whether it is Closed book Exam or Open Book Exam does not affect on the students achievement.

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