

CHAPTER III

RESEARCH METHOD

A. Research Design

This chapter consist of research design. Research subjects, research procedure, and attempts to control some possible threats, research instrument, data collection, and data analysis for the research. The design of this research is the research of Quasi experiment research conducted by doing manipulation aimed at know the result of manipulation treatment againts individuals (Latipun,2006).

The researcher conducted Quasi experimental and than the researcher doing pretest and post test are administered before and after treatment. The researcher uses already existing subjects as follows:

Table 3.1 Control Group, Pretest-Post test Design

Group	Pre-test	Independent Variable	Post test
E	Y1	X	Y1
C	Y2	-	Y2

Term and Symbol :

X : Treatment. Treatment in this research is Freewriting.

Y : The measure of the dependent variable. Y1 represent measure of students' writing ability before the manipulation. Y2 represents measure of students' writing ability after the manipulation.

E : The experimental group taught by using Freewriting technique.

C : The control group taught by using Questioning technique.

The researcher doing use pre test to know the students have problem in writing skill or not and to know how the result learning before the treatment intended to examine the initial mastery of the subject's writing achievement.

Next, the experimental group is exposed to use Freewriting technique, while the control group is exposed to use questioning technique. After the experimentation, any change of the subject's characteristics in both group are observed or measured by the writing test which called as a post test. The data analysis of post test scores will reveal whether Freewriting technique have the impact on students' achievement in writing or not. There are two research variables in this research. experimental treatment which is the use of Freewriting technique.

B. Research Setting

The data in this study was gathered from eleventh grade students of Raudhatussuyubban on street Veteran No. 223, Banjar Regency, South Kalimantan, Indonesia which consist of 88 students in XI class. It can be seen on the table below:

Table 3.2 The subject of the Research 1

Classes	Male	Female	Total
MIA	14	15	29

IIS	17	17	34
Total	31	32	63

The subject of this research were MIA consisted 29 students and IIS consisted 34 students. So, the subjects were 63 students. Based on that the teacher English, class Mia became the experimental group, and the class Iis became the control group.

C. Participants

This research was two classes, one class as the experimental class and another one as the control class. The writer doing obserb was conducted on 11 May at 9.30-10.30 a.m and then the researcher doing pretest for experimental group was conducted on 13 May ,2019 at 9.30 – 10.30 a.m. and control group same day on 13 May , 2019 at 11.00 - 12.00 a.m. based on their schedules. All 29 students of experimental group and 34 students of control group in the attendance list took the test.

The Post test for experimental group was conducted on August 31, 2019 at 09.20 – 10.40 a.m. and control group was conducted on August 29, 2019 at 08.00 – 9.00 a.m. This research consisted of 63 students including two class. Here is the table of the students' number in detail:

Table 3.3 The Subject of Research 2

Classes	Male	Female	Total
MIA(Experiment)	14	13	29
IIS(Control)	17	17	34
Total	31	32	63

E. Research Instrument

The researcher doing observation, and test :

a) Observation

The first instrument for taking the data was observation sheet which has done on 13 May 2019 . This observation was used just to know their problems in writing. The researcher got an permission from the teacher to come to his class and the researcher observed the process of teaching English writing.

b) Test

The second instrumen was a test, it included (pre-test and post-test). The puposes of the test is to know, whether there is an improvment on the students writing skills in the form of score after the application of Freewriting technique to the experimental group and applications of Questioning technique to the control group. The pre-test has done before the implementation of Freewriting technique to check the similarity level of the two groups, tests of writing have done in the treatment (4 meetings) using Freewriting technique for experimental group and questioning technique for control group.

The last posttest have done after the implementation of Freewriting and questioning technique are used to measure the effectiveness of the technique. There are several steps are done by the reserarcher before administering the test which is presented. This study aimed at knowing the effectiveness of freewriting technique in teaching writing from identify the result of the test.

The researcher give the test for pre-test

Pre test

1. Write your name and class, on the top corner of your answer sheet.
2. Make a paragraph about describing people.
 - a) friends
 - b) Idol
 - c) Someone special
3. Time allotment is 20 minutes.

Test for Posttest

1. Write your name and class, on the top corner of your answer sheet.
2. Make a letter formal or informal.
 - a) friends
 - b) Idol
 - c) Someone special
3. Time allotment is 30 minutes.

F. Technique of Collecting Data

The steps collecting data there are several stages, namely:

1. Make the instrument test research, the test performed to determine learning outcomes. Forms test be about writing
2. Perform the validation of instruments.

3. Conduct teaching and learning by doing in class experiments using Freewriting technique in teaching writing and Questioning technique in teaching writing in control class without using Freewriting.
4. Draw up Post test
5. Do a test on a sample of students who are
6. Analysing data and conclusion.

G. Data Collection Procedures

The data collected from all instrument, as follow :

1. Test

The students can answer the exercise that use for measuring the student ability about the material (teaching technique writing). The data will be submitted from pre-test before do a treatment(for detecting) how far the students english ability, then it will be compared with test result of post test after treatment.

- a.) Pre-test. The pre-test conducted both of the class, experimental and control class in order to know students in teaching writing before treatment given.
- b.) Treatment. In experiment class the researcher using Freewriting technique in teaching writing and control class using Questioning technique in teaching reading.
- c.) Post-test. The post-test given after the researcher give treatment to know whether or not the change on students in teaching writing.

In suitable with the syllabus of eleven grade first semester students of MA Raudhatussyubban, the materials are used in this research for make a dialog, paragraph and story. The schedule is presented as follow.

Table 3.4 The schedule of the Research for the Experimental Group

Meeting	Experimental Group
1	Pre-test (Describing People)
2	Freewriting technique (Offering and suggestion)
3	Freewriting technique (Asking and giving Opinion)
4	Freewriting technique (Expression of hope and wish)
5	Freewriting technique (Invitation)
6	Post test (Personal Letter)

In addition, the schedule of the treatment for control group that using Questioning tehnnique can be seen in the following table.

Table 3.5 The schedule of the Research for the Control Group

Meeting	Control Group
1	Pre-test (Describing People)
2	Quetioning technique (Offering and suggestion)
3	Questioning technique (Asking and giving Opinion)

4	Questioning technique (Expression of hope and wish)
5	Questioning technique (Invitation)
6	Post test (Personal Letter)

- Procedures for Experimental Group

The procedures in every stage for the experimental group are using Freewriting technique presented in the following table:

3.6 The Procedures for Experimental Group

Stages	Researcher activity	Students activity
Pre- Writing	<ol style="list-style-type: none"> 1. The researcher try make students understand and thingking about the topic. 2. Ask the students make some list about the topic. 3. The researcher ask the students choose one idea that interested the students. 	<ol style="list-style-type: none"> 1. The Students start to thinking about the topic. 2. The students start to write list that they want to write. 3. Choose one idea that interested.
While- Writing	<ol style="list-style-type: none"> 1. Ask the students write the idea/topic at the top of a clean sheet of paper. 2. For 10/ 15/ 20 minutes, write about this topic without 	<ol style="list-style-type: none"> 1. The students start the write without worry about grammar and spelling. 2. Students try to develop their ideas about the topic

	stopping. This means that you should be writing something constantly.	
Post- Writing	<ol style="list-style-type: none"> 1. After 10/ 15/ 20 minutes ask the students to collect their task. 2. By random task the teacher try to explain about some mistake about spelling or grammar etc. 	<ol style="list-style-type: none"> 1. Collecting their task 2. Understanding about their mistake and try to correct their skill for the next treatment.

- Procedures for Control Group

The procedures in every stage for the control group are using Questioning technique presented in the following table:

3.7 The Procedures for Control Group

Stages	Researcher activity	Students activity
Pre- Writing	<ol style="list-style-type: none"> 1. Ask the students select one of the topics. 2. develop as many questions as you can. If you find yourself blocked, choose another topic or create one of your own 3. List as many questions as you 	<ol style="list-style-type: none"> 1. Thinking about the topic and select. 2. Make a question about 5w+1h

	can and don't worry about repeating yourself.	
While- Writing	<ol style="list-style-type: none"> 1. The researcher try to make students understand about using questioning that their make before start writing. 2. Ask the students gather as much information as possible about their topic. 3. Ask the students answer their questions like a paragraph or dialog. 	<ol style="list-style-type: none"> 1. The students try to understanding what the researcher explain. 2. Determine what kind the information want to say to the reader, and make a paragraph/ dialog based on the topic.
Post- Writing	<ol style="list-style-type: none"> 1. After 10/15/20 minutes the researcher ask students collect their task 2. By random task the teacher try to explain about some mistake about spelling or grammar etc. 	<ol style="list-style-type: none"> 1. Collect the task 2. Understanding about their mistake and try to correct their skill for the next topic.

From the description of the procedures for both experimental and control group, it can be seen clearly that Freewriting technique emphasize students active

learning using their own feeling. The data are collected from tests both pre test and post test. Pre-test was held to know the subjects' writing ability prior to treatment of experimentation and to ensure that experimental and control group having no significant differences in writing. Post-test administered when the subjects of the two groups have undergone the teaching and learning process. The time allotment for both experimental and control group are 60 or 100 minutes.

- a. Before treating the students using freewriting in experiment class, the researcher administers the pre-test to the students in both classes with the same instrument to know their scores.
- b. The treatment is only applied to the experiment class but not in control class.
- c. Post-test is administered after finishing the treatment. The researcher used the same format of test for the both of classes. Even though the instrument test is the same, students do not realize that would be examined again later. Finally, the researcher made a calculating of the result from both of the test to know the significant difference of scores and then made conclusion.

H. Data Analysis

Dealing with the data analysis, the tests result functional as the most important data to prove the effectiveness of Freewriting technique. The scores obtained from pre test are used to check on the equivalences of the groups on their writing comprehension before the experiment begins. The pretest scores are statistically analyzed using the Lavene test from SPSS program 22.