

CHAPTER III

RESEARCH METHOD

In this chapter, the writer presents about the research methods that cover some elements like research design, the subject of the study, research instrument, types and sources of data, research procedure, methods and techniques of data compilation, the method of data analysis, and standard of measurement. They are presented in details below.

3.1 Research Design

The main objective of this study is to measure the reading comprehension ability of the eighth-grade students of SMP Negeri 10 Kupang in the school year 2018/2019 by answering the question based on the reading text. The method used in this study was descriptive qualitative study. In this study, the writer described systematically the fact about the students' ability in answering the questions about the text they read.

3.2 Subject of the Study

This study was conducted at the eighth grade students of SMPN 10 Kupang in the school year 2018/2019. The total number of eighth-grade students is 343. In this study, the writer chose one class of eighth-grade students, that was class A, because based on the writer's informal observation when she was doing her teaching practice, this class was better than other classes. There were 30 students in class A as the subject.

3.3 Research Instrument

In obtaining the data the writer prepared a reading test. It consisted of some paragraphs of descriptive text and respondents were asked to answer the questions taken from the reading texts. The writer prepared 4 texts in doing the test. Each text consisted of 4 until 8 questions in the form of multiple choice. The total numbers of the items were 20 numbers. The time allocation for the test was 2 hours (90 minutes).

3.4 Research Procedure

In order to get the data, the writer used the following procedures:

1. To carrying out this research, the writer asked the recommendation from the Dean of Teacher and Education Science of UNWIRA Kupang also the Head of the English Department.
2. Getting permission from the headmaster of SMPN 10 Kupang and English Teacher to conduct the research in that school.
3. Consulting the time with the English teacher to administer the test.
4. The writer started gathering the data by giving the test provided.

3.4.1 Methods and Techniques of Data Compilation

There are some methods and techniques in compiling the data. They are included the following:

1. Preparing the test

The test is in the form of reading descriptive text followed by some comprehension questions.

2. Administering the test

The test was given to the students. The students were asked to read and understand the reading text and then to answer the question followed. The questions consisted of 20

numbers of multiple choice test. The time allocation of doing the test was two hours (90 minutes).

3. Collecting the test result

The answer sheets of the student were collected.

3.4.2 Method and Techniques of Data Analysis

Data analysis is also one of the sets of the method of doing research. Its specification is presented below.

- a. Numbering the answer sheets
- b. Correcting the student's answer sheets. It can be done by stretching the numbers. It is intended to know the correct answer of each student
- c. Scoring the student's answer. For scoring the writers will give an assessment on each part that is, multiple choice, and essay test
- d. Giving a grade or score to each student based on the correct answers
- e. Classifying the grades or scores based on the standard of measurement used in the school
- f. The data is described, explained, interpreted, and then concluded

3.5 Standard of Measurement

The standard of measurement used by the writer to measure the student's ability was the standard of measurement usually applied in the school. The standard of measurement in details is shown below.

- Multiple Choice

9.6- 10: excellent

8.6- 9.5: very good

7.6-8.5: good

6.6-7.5: fairly good

5.6-6.5: average

4.6-5.5: below average

3.5-4.5: poor

2.6-3.5: very poor

1.6-2.5: bad

0.0-1.5: very bad

To know the ability level of the students, the writer used the following formula. There are some formulas, as shown below:

1. The formula to count the individual ability of the student.

a. $\frac{\text{Individual correct answers}}{\text{Total test item}} \times 100\% = \dots\%$

.

b. $\frac{\text{Individual percentage}}{10} = \dots$

2. The formula to count the students' ability level as a class.

a. $\frac{\text{Total correct answers}}{\text{Total students}} \times 100\% = \dots\%$

b. $\frac{\text{Total percentage of correct answers}}{\text{Total students}} = \dots$

c. $\frac{\text{Total grade}}{\text{Total students}} = \dots$