

## **CHAPTER III**

### **RESEARCH METHOD**

In this chapter the writer discusses the methodology that will be employed in the study, which includes research design, subject of the study, instrument and standard of measurement and procedure.

#### **3.1 Research Design**

In this study, the writer used Normative Survey Method. It is a broad range activities that describes systematically the facts and characteristics of a given population or area of interest, factually and accurately. This method is considered the appropriate method for this study because the writer wants to describe systematically the facts about the students ability in answering the questions about the text they read.

#### **3.2 Subject of Study**

In conducting this study, the writer chose the eighth grade students of SMPN 5 Kupang in the school year 2018/2019. The total number of the students of SMPN 5 Kupang was 300 students. The writer chose class B consisting of 22 students because based on the information from the English teacher in SMPN 5 Kupang the students had good ability in English.

#### **3.3 Instrument**

The instrument that was used to collect the data is reading test. And the students were asked to answer the question taken from the reading text. The time allocated for the test was 60 minutes. These texts were descriptive texts. The

topics of these texts were “The Hobbit, Nature Bridge National Park, Bale Kambang, and Barack Obama”. The type of the test used in this study was multiple choices. The total number of the test was 20, the reason of preparing three texts because the texts were short and familiar to the students.

### 3.4 Standard of Measurement

The standard of measurement used by the writer to measure the students’ ability level is based on the standard used in the researched school as presented below:

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

3.6 – 4.5 = Poor

2.6 – 3.5 = Very poor

1.6 – 2.5 = Bad

0 – 1.5 = Very bad

To know the level of students ability, the writer used the following formula:

Formula 1: the standard of measurement for the individual ability level is:

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

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

Formula 2 : the class ability level:

- a.  $\frac{\text{Total correct answer}}{\text{Total students}} \times 100\% = \dots\%$
- b.  $\frac{\text{total percentage of correct answer}}{\text{total students}} = \dots$
- c.  $\frac{\text{total grade}}{\text{total students}} = \dots$

### 3.5 Procedures

Procedure is a way of doing things. The procedures which were used in this study consisted of two things, they were data gathering and procedure of data analysis.

#### 3.5.1 Data Gathering

Data gathering is an activity done by researcher to collect or gather the data. The writer used the following steps:

1. Asking the recommendation letter from the Head of English Department of the Teacher Training and Educational Sciences Faculty of Widya Mandira Catholic University.
2. Asking the permission from the Dean of Teacher Training and Educational Sciences Faculty of Widya Mandira Catholic University.
3. Administering the test.
4. Asking the students to read the text and answer the questions.
5. Collecting the students answer sheets.

#### 3.5.2. Procedure of Data Analysis

Data analysis is an activity done by the researcher to analyze the data having been gained from the students as the respondent.

The following steps were taken to analyze the obtained data:

1. Checking or correcting the students answer sheet and analyzed the data based on the correct and in correct answer.
2. Scoring and grading the students' answer sheets.
3. Tabulating the result of the students' answers.
4. Reporting the result of the analysis.