

## **CHAPTER III**

### **RESEARCH METHODOLOGY**

In this research, the writer explain about research design, subject of the research, data of collection technique and data analysis from general reason to specific reason with scientific explanation and support from expert's explanation.

#### **A. Research Design**

Research design is a plan or strategy that were used in conducting the research. Creswell (2014, p. 31) claimed that research design is the plan and procedure that include steps from broad assumptions to detailed method that will use in the study . In this research, the writer used descriptive qualitative research to give description systematically and factually about facts of a certain population. Descriptive qualitative research is not generally directed toward hypothesis testing, the aim is to describe what exist with respect to variables or condition in a situation. This research only describes how the students' ability in using punctuation mark in writing descriptive text.

#### **B. Subject of the Research**

In this research the writer requires a population to be studied as a research subject. This research was conducted at SMPN 1 Tempunak. So in this research the writer used a sample of class VII students of SMPN 1 Tempunak in the academic year 2022/2023. The subjects of this research at class VII students consisting of 25 students. The sample will taken based on

the writer interest in the problem of learning English at class VII students of SMPN 1 Tempunak still need to handle English subjects, especially to analyze Students' Ability in using Punctuation in Writing Descriptive Text at class VII.

### **C. Data Collection Technique and Instrumentation**

#### **1. Data collection technique**

To collect the necessary data through documentation and interview. The technique used in this research is documentation and interview. The qualitative data technique used is the interview of activities in class and domentation. As for The data collection methods used in this research are as follows:

##### **a. Documentation**

The documentation is a method used by writer to collect the data in research. The documentation is a kind of data that consist of notes, book transcript, photo, videos, summary, agenda, and soon. Creswell (2008, p. 230) documentation consist of public and private records that obtain about a site or participant in research, and they can include newspapers, minutes of meetings, personal journal and letters. This method used to know the condition of students and teacher, profile, and location of school. In this research the writer uses photo as a documentation.

b. Interview

Interviews is one of the technique in data collection which is done by communicating directly by two people between the writer. Interviews are one of the research that are often used for qualitative research. In interview, writer collect information from respondents through verbal interaction. Previously, the writer prepared a list of structured questions related to the research. Interview activity occurs when writer inquire one or more participant general, open-ended question and record their answer. Interview also has two function. First function is as main strategy in collecting data like data in the form of interview transcript, and second function is as additional strategy for other techniques like participatory observation, document analysis and photography.

Based on the statement above, the writer used interviews, the writer asked the teacher to find out about the students' difficulties in learning to write or read descriptive texts, the activeness of students in class, and the improvement of students' abilities in writing descriptive text. The writer also conducted interviews with students. With this technique the writer interviewed several students to ask how they felt when they learned to write descriptive texts. Then the writer will also ask whether there is progress in remembering vocabulary and understanding writing descriptive texts. After the writer conducted an in-depth study aimed at finding out data that

could not be collected through observation before, during, and implementation. The interviews were guided, but the writer were allowed to ask further questions to obtain more data from the responses. The instrument of data collection with this kind of technique is an interview guide. So, the interview were only conducted to analyze the situation that the English teacher had problems in teaching writing descriptive texts and some students about their difficulties in learning to write and read descriptive texts.

## **2. Data Collection Instrumentation**

Collect data of research instrumentation is important. The tools used in this study there are students worksheet and interview guideline.

### **a. Students worksheet**

Students worksheet is one of the instruments used by writer in collecting data. This research can also be used in descriptive qualitative research. This is intended, the writer uses a students worksheet to analyze in writing punctuation mark in descriptive text. Therefore, the writer uses this students worksheet to analyze writing punctuation mark in descriptive text, especially in using simple present tense. In descriptive qualitative research, the writer was used as a complement to the interview data and documentation that have been carried out. Students worksheet in qualitative research can be in

the form of writing, pictures, or monumental works of the object under study.

b. Interview Guideline

In this qualitative interview, the writer creates and prepares a question guide that used during the interview process. The interview guide is used to remind about the aspects that must be discussed, as well as a checklist whether the relevant aspects have been discussed or developed. According to Creswell (2014, p.239) explains that interviewing is an activity to obtain complete information carried out by interviewers and resource persons as a component of interview activities based on the intended interview procedure. Interviews are activities related to giving questions and answers during the interview process itself which includes some information with general mechanisms and appropriate concepts. Interviews are activities to study experiences, phenomena, and theories then reveal information to build actual and intellectual concepts in the human environment by recording and copying the research itself. In this research, the writer will be used one by one interviews to obtain information from students and teachers. One by one in the interview, interviews conducted by the writer with participants one by one face-to-face to obtain the required data. The writer conducted interviews with several students, to see the responses and to find out students' opinions about ability in writing in descriptive texts.

#### **D. Data Analysis**

Data analysis is a process of validating research data because this stage is important to see accurate, integrated, and straight data from the research process. So, data analysis validates data from natural data input to validate data. Research data validation also presents research data because it presents data to show and compare with natural data. So, the research data includes some research data by explaining several stages of the research (Kabacoff, 2015.p. 3). Qualitative is primary data analysis whose components are to accommodate writer to obtain data including components of interviews, and documentation as components including for student relationships during class activities to support learning activities.

After the data is collected, the writer analyzes it. Data analysis is the process of systematically searching for and compiling interview transcripts, and other materials you collect to enhance your own understanding of them and to enable you to present what you have found. Data analysis in this study is data from tests of students' ability to use punctuation in writing descriptive text. In this study, writer analyzed data with the following steps:

1. Writer collect data from students' writing in using punctuation.
2. The writer analyzed the data in the students' writing on the use of punctuation in the descriptive text to find out the students' ability to use punctuation.
3. The writer calculated the students' ability in using punctuation.

4. The writer found out the total average score of the students' ability in writing descriptive text in using punctuation. The writer used the formula :

Where :

CL = Capital Letter

P = Period

C = Commas

Q = Quotation

Total score of students' in writing descriptive text using punctuation

= ( misplaced of punctuation )