

## **CHAPTER III**

### **METHODOLOGY**

#### **3.1 Design of The Study**

Based on the purpose of the study, in which this study is aimed at analyzing errors of preposition in writing 2 made English Department Students at Muhammadiyah University of Gresik. Therefore, the research design that is appropriate to this study is descriptive.

According to Picciano (2000) descriptive research is a research design that involves describing and interpreting event, condition or situation of the present. Ary (1990:381) said that descriptive study is designed to obtain information dealing with the current status or phenomena. They are directed toward determining the nature of situation as it exists at the time of the study. In conclusion, descriptive is a research design to describe and interpret the condition and situation of learning process of the study.

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

The subject of this study was students of writing 2 class of English Department at Muhammadiyah University of Gresik. They are chosen, because they had already learned structure subject since 1<sup>st</sup> semester. In writing 2 they are trying to apply their understanding in using preposition to construct sentences.

### **3.3 Instrument of The Study**

Based on the statement of the problems, the research design that is appropriate to this study is descriptive. The instrument of this study is document analysis. Document analysis is a research instrument in the form of recording, text book, article, or writing that is analyzed systematically. It has purpose to find and analyze the problem occurred based on the purpose of conducted study. The documentation was taken from students' paragraphs writing.

### **3.4 Data Collection**

The procedure to collect the data was needed to state in conducting the research. It has purpose to know how the data of the research would be collected by the researcher to answer question based on the statement of the problems. In this study, there were some procedures to collect the data, those were; the researcher collected students' paragraph writing. The researcher analyzed the data based on the theory of preposition and expert validation analyzed the data focusing on errors preposition made by students.

### **3.5 Data Analysis**

In this study, the writer analyzed the data by herself. There were several steps to analyze the data. First, identification of errors, second; classification of errors, third; tabulation of errors and fourth; analyzing the error based on the theory of preposition and validating to expert.

### 1. Identification of errors

Identifying of error was used to know the deviation of the students in using preposition in their work. Therefore, in this step the researcher tried to find out appropriate preposition in students' sentences.

### 2. Classification of errors

After identifying the error, researcher tried to classify the errors based on the types of preposition in which preposition classified into several types, those were; preposition of place or position, time, direction, manner, agent (instrument), accompaniment, purpose, association, measure, similarity and in the capacity.

### 3. Tabulation of errors.

Tabulating the error was used to know the frequency of occurrences of error preposition for each type. The number of error would be in the form of percentage, in which the highest percentage of error was the most difficult preposition for students. The formula of frequency occurrences as follows;

$$\frac{\text{Number of error each type} \times 100\%}{\text{Total number of error}}$$

Total number of error

### 4. Analyzing the students' errors based on the theory of preposition.

After finding the highest percentage of error in using preposition as the most common error made by students, the researcher tried to analyze the errors in term of the cause and reason of error occurred in students' paragraphs writing. In this step, the researcher compared the theory of preposition and found errors preposition in students' sentences.