**CHAPTER III**

**RESEARCH METHOD**

This chapter presents the research method. It focuses the method used in conducting this study. The decision covers research design, population, sampling and sample, variable data, data source, data collecting method and instruments and technique of data analysis.

1. **Research Design.**

 Research is the process that the step combination is done systematically and logically to get the solution of the problems or to get the answer from the certain question. The step that is done has weight that fulfill and the conclusion is not doubted.

This research is designed in a descriptive study in quantitative approach. Descriptive research is a research that makes description about phenomenon, fact or events systematically and accurately dealing with the characteristic of a certain population or area (Rianto, 2001:23).

. In line with the objective of the research, this study provides description of students’ ability and their difficulties of mastering the narrative essay writing material of the second semester students of English education program of STAIN Tulungagung.

1. **Data and Data Sources**

The data is information, evidence, or fact gathered through studies or experiments, which can be analyzed in order to get better understanding of a phenomenon or to support a theory (Richard, 1992:96). Data is result of research record in number and fact (Arikunto, 1998:91). It means that data is the number of fact that found by the researcher.

The sources of data are very significant in the research. Sources of data in this study are primary and secondary data source. The researcher will not be able to get information without knowing sources of data. Arikunto states that sources of data are subjects who give the data or information or where the data are gotten from (Arikunto, 2006:129).

1. **Primary data source**

Primary data is the data which is collected by researcher directly from his own observation and experiences (Suryabrata, 2006:82). In this research the primary data can be gotten from the result of the students’ task used as test and interviewed with the students or lecturer about the problems of narrative essay writing.

The primary data in this study are:

* 1. **Document**

Here, the data are students’ writing task from the lecturer by the topic “Unforgettable Experience”. This topic is chosen because the target of learning writing here is to make the students understand and able to make narrative essay, that is very useful for the students in their future knowledge.

* 1. **Interview**

The writer conducts interviews to get deeper information about the student’s difficulties and their capability in doing narrative essay writing task. The first interview is directly to the students. The ten students are randomly taken from 5 classes (There are five classes and the writer will take 2 students each class). The second is interview to the lecturer. This interview is aimed to get the global information about the students.

1. **Secondary data source**

Secondary data is data which support and complete the primary data. Secondary data are usually in the form of collecting of document (Suryabrata, 2006:85). These data are captured from some books, document reference, such as material and syllabus. Based on the explanation, the secondary of data sources in this research are books, internet, that have literatures with research problem, and also the learning curriculum from STAIN Tulungagung.

1. **Data Collection**

 In doing the research, the researcher uses some methods and instruments to help her work easier, more effective and more efficient. Instrument of collecting data is tools used by the researcher in collecting data in order to be easy and to have a good result.

Meanwhile, Arikunto states that, “Method of collecting data is a way that used by researcher in collecting his research of data” (Arikunto, 2006:222). The method of collecting data here are:

* 1. **Document**

 Documentation is a technique of collecting data that is indirectly given to research subject. Documentation is derived from files, such as books, magazine, document, class facilities, media, etc (Arikunto, 2006:231).

Document here means data comes from students that are student’s writing. The writer collects the students essay writing and analyzes it. More documents are gotten from the lecturer’s note related to the students’ capability.

* 1. **Interview**

 The first method is interview. Interview is an oral question. It is kind a method in collecting data which requires direct communication between the researcher and the subject of the research or respondent. Steward and Cash as quoted by Soekanto define interview as a process of communication with a predetermined and serious purpose designed to interchange behavior and usually involving the asking and answering of question (Soekanto, 2003:24).

 This method will be use to gain the information about the learning problems and also the difficulties in mastering this material for the second semester students of English department program of STAIN Tulungagung. This method is also applied to get deeply information from the lecturer of second semester in writing subject.

1. **Data Analysis**

After the data collected, the researcher analyzes and uses the appropriate method to get the best result in this research. In this study, the writer uses descriptive quantitative data analysis.

In this study, there are four steps to analyze the data.

* + 1. Coding

The process of breaking down, examining, comparing, conceptualizing, and categorizing data is the meaning of coding (open coding).

Here, the coding is use for naming the subject and categorizing the criteria as follows,

**Table: 3.1 Subjects’ Code Table**

|  |  |
| --- | --- |
| **Subject** | **Code** |
| Student number 1 | 1 |
| Student number 2 | 2 |
| Student number 3 | 3 |
| Students number …etc. | Etc. |

**Table: 3.2 Categories Code Table**

|  |  |  |
| --- | --- | --- |
| **No.** | **Category** | **Code** |
| 1. | Content | C1 |
| 2. | Organization | C2 |
| 3. | Vocabulary  | C3 |
| 4. | Language usage | C4 |
| 5. | Mechanics | C5 |

* + 1. Scoring

To avoid the biases, the writer analyzes the students’ writing with the team. The team is consist of three person, the writer and two sixth semester students of English Department STAIN Tulungagung, that are joined in English Students Association of STAIN Tulungagung; furthermore, they are expert in writing subject.

 The scoring guide is used for analyzing the students’ writing. The scoring guide is adapted from Heaton’s Table and modified with the essential elements of narrative writing. There are five categories of scoring narrative writing. See page 31.

* + 1. Tabulating

The data collected will then be processed through tabulating. Tabulating the data that has been given to enter the code in the table so that facilitate the understanding (Narbuko and Ahmadi, 2001)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Subject** | **C1** | **C2** | **C3** | **C4** | **C5** | **Total****Score** |  |
| 1. | 27 | 15 | 16 | 23 | 4 | 85 |
| 2. | 28 | 15 | 15 | 16 | 4 | 73 |
| 3. | 23 | 16 | 14 | 27 | 4 | 84 |
| 4. | 24 | 16 | 15 | 18 | 3 | 76 |
| 5. | 23 | 11 | 16 | 13 | 3 | 66 |
| 6. | 26 | 15 | 15 | 22 | 4 | 82 |
| 7. | 23 | 12 | 13 | 16 | 4 | 68 |
| 8. | 22 | 14 | 14 | 18 | 4 | 72 |
| 9. | 23 | 11 | 16 | 20 | 4 | 74 |
| 10. | 16 | 16 | 16 | 18 | 4 | 70 |
| 11. | 24 | 11 | 17 | 12 | 3 | 67 |
| 12. | 21 | 16 | 18 | 20 | 4 | 79 |
| 13. | 21 | 12 | 13 | 16 | 3 | 65 |
| 14. | 18 | 15 | 18 | 20 | 3 | 74 |
| 15. | 23 | 18 | 15 | 22 | 4 | 82 |
| 16. | 26 | 16 | 16 | 18 | 4 | 80 |
| 17. | 29 | 17 | 19 | 21 | 5 | 91 |
| 18. | 28 | 16 | 19 | 18 | 4 | 84 |
| 19. | 28 | 18 | 19 | 23 | 4 | 93 |
| 20. | 30 | 20 | 20 | 22 | 5 | 97 |
| 21. | 22 | 16 | 13 | 18 | 4 | 73 |
| 22. | 26 | 13 | 16 | 18 | 3 | 76 |
| 23. | 30 | 20 | 19 | 24 | 5 | 98 |
| 24. | 23 | 18 | 14 | 18 | 3 | 76 |
| 25. | 26 | 13 | 14 | 18 | 3 | 76 |

**Table: 3.3 Appraisers 1**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Subject** | **C1** | **C2** | **C3** | **C4** | **C5** | **Total****Score** |  |
| 1. | 29 | 17 | 18 | 25 | 4 | 93 |
| 2. | 26 | 13 | 13 | 14 | 4 | 70 |
| 3. | 25 | 18 | 16 | 29 | 4 | 92 |
| 4. | 22 | 14 | 13 | 15 | 3 | 67 |
| 5. | 21 | 10 | 13 | 11 | 3 | 58 |
| 6. | 28 | 17 | 17 | 24 | 4 | 90 |
| 7. | 21 | 10 | 11 | 14 | 4 | 60 |
| 8. | 24 | 16 | 16 | 20 | 4 | 80 |
| 9. | 21 | 10 | 15 | 19 | 3 | 66 |
| 10. | 18 | 18 | 18 | 20 | 4 | 78 |
| 11. | 22 | 10 | 15 | 10 | 3 | 59 |
| 12. | 23 | 18 | 20 | 22 | 4 | 87 |
| 13. | 23 | 14 | 15 | 18 | 3 | 73 |
| 14. | 16 | 13 | 16 | 18 | 3 | 66 |
| 15. | 21 | 16 | 13 | 20 | 4 | 74 |
| 16. | 28 | 18 | 18 | 20 | 4 | 88 |
| 17. | 30 | 18 | 20 | 22 | 5 | 95 |
| 18. | 26 | 14 | 17 | 16 | 4 | 76 |
| 19. | 26 | 17 | 17 | 21 | 4 | 85 |
| 20. | 29 | 19 | 20 | 21 | 4 | 96 |
| 21. | 23 | 18 | 15 | 20 | 5 | 81 |
| 22. | 28 | 15 | 18 | 20 | 3 | 84 |
| 23. | 30 | 20 | 19 | 24 | 5 | 98 |
| 24. | 21 | 16 | 12 | 16 | 3 | 68 |
| 25. | 28 | 15 | 17 | 20 | 4 | 84 |

**Table: 3.4 Appraisers 2**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Subject** | **C1** | **C2** | **C3** | **C4** | **C5** | **Total****Score** |  |
| 1. | 28 | 16 | 17 | 24 | 4 | 89 |
| 2. | 27 | 14 | 14 | 15 | 4 | 74 |
| 3. | 24 | 17 | 15 | 28 | 4 | 88 |
| 4. | 23 | 15 | 14 | 17 | 3 | 72 |
| 5. | 22 | 10 | 15 | 12 | 3 | 62 |
| 6. | 27 | 16 | 16 | 23 | 4 | 86 |
| 7. | 22 | 11 | 12 | 15 | 4 | 64 |
| 8. | 23 | 15 | 15 | 19 | 4 | 76 |
| 9. | 22 | 10 | 15 | 19 | 4 | 70 |
| 10. | 17 | 17 | 17 | 19 | 4 | 74 |
| 11. | 23 | 10 | 16 | 11 | 3 | 63 |
| 12. | 22 | 17 | 19 | 21 | 4 | 83 |
| 13. | 22 | 13 | 14 | 17 | 3 | 69 |
| 14. | 17 | 14 | 17 | 19 | 3 | 70 |
| 15. | 22 | 17 | 14 | 21 | 4 | 78 |
| 16. | 27 | 17 | 17 | 19 | 4 | 84 |
| 17. | 30 | 18 | 20 | 22 | 5 | 95 |
| 18. | 27 | 14 | 18 | 17 | 4 | 80 |
| 19. | 27 | 18 | 18 | 22 | 4 | 89 |
| 20. | 30 | 20 | 20 | 22 | 5 | 97 |
| 21. | 22 | 17 | 14 | 19 | 5 | 77 |
| 22. | 27 | 14 | 17 | 19 | 3 | 80 |
| 23. | 30 | 20 | 19 | 24 | 5 | 98 |
| 24. | 22 | 17 | 13 | 17 | 3 | 72 |
| 25. | 27 | 14 | 16 | 19 | 4 | 80 |

**Table: 3.5 Appraisers 3**

* + 1. SPSS

The data are analyzed and classified in to the criteria in the table above. After get the result, the data typed in to Microsoft Excel and processed in to SPSS for windows application. SPSS 16 for window is software that generally use for breaking research or business problem, especially in research and analysis. SPSS is a part of integral about analysis process, provide ability to access data, prepare, manage data, analyze, and the report. SPSS (Statistical Package for Social Science) firstly developed in 1960 by Norman H. Nie, C. Hadly, and Dale Bent from Stanford University. Then, in 1992 for windows version updated. Today, SPSS is use for giving analysis solution to predict statistic problem. As like the writer do in this research, the software is use for getting a statistic data analysis to answer the research problem. In this analysis, SPSS will produce two kinds of data, they are,

* + 1. Frequency Table Frequency

Percent

* + 1. Descriptive Table Minimum

 Maximum

 Mean