CHAPTER III

METHODOLOGY OF THE RESEARCH

A. The Method of the Research

Related to this study, the researcher conducted this research to use a qualitative method. According to Tavacoli, qualitative research is a research methodology that attempting to control contextual factor, but rather seeking through a variety of method, to understand things from the informant's point of view, creating a rich and in-depth picture of the phenomenon under investigation.[1] Kothari stated that qualitative research concerned with qualitative phenomenon which is the quality or kind of human behavior[2]. The important of qualitative research is the aim of research which is behavioral sciences underlying motives of human behavior. From those state above, qualitative research is appropriate method to this research, which is the researcher analyzed of human behavior and finding the motives of human behavior.

In addition, to support this study, the researcher used a case study method to answer the question of a general topic from this

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[1] Hossein Tavacoli, A Dictionary of Research Methodology and Statistic in Applied Linguistics (Tehran: Rahmana Press, 2012), p. 515.

[2] C.R. Kothari, Research Methodology & Technique & second Revised Edition, (New Delhi;New AgePublisher, 2004), p.2.

research about. According to Kothari, case study is essentially an intensive investigation of the particular unit under consideration. The object of the case study method is to locate the factors that account for the behavior-patterns of the given unit as an integrated totality[3].

B. Placed and Time

The researcher examines the effect of speech shadowing technique in speaking skill at 8th grade of MTS Negeri 5 Serang. It is located at KI. M. Idris Street, Sumuranja village, Puloampel districts. This research had started from 26th March until 2nd April 2019. The researcher choose this school as a research place because the school representative for research and students have difficult in learning English, especially in reading comprehension. This research will conduct in the academic year 2018/2019..

C. Population

According to Suharsimi Arikunto, "a population is a set (or collection of all elements processing one or more attributes of interest".[4] The population in this research is students in first grade at

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[3] C.R. Kothari, *Research Methodology & Technique & second Revised Edition* (New Delhi; New Age Publisher, 2004), p. 113

[4] Suharsimi Arikunto, *Prosedur Penelitian*, (Jakarta: Rineka Cipta. 2010), p. 173

MTS Negeri 5 Serang. The eighth grade consists of five classes. Number of VIII.A is 25 students, VIII.B is 25 students, VIII.C is 24 students, VIII.D is 24 students, VIII.E is 24, VIII F is 25, and VIII G is 24 students.

D. Sample

Sample is collecting data with small amount of population that tested at the research. Nunan stated that "sample is a subject of individual or cases from within the population".[5] In taking sample the researcher took VIII G which consists of 24 students at eighth grade as sample for the research using speech shadowing technique.

E. Researcher Role

In this study the researcher acts as a teacher to apply the shadowing technique in class.

F. The Research instrument

In gaining the data, the writer used test and interview as the research instrument

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[5] David Nunan, *Research Method in Language Learning* (New York: Cambridge University Press, 1992), p. 231

a. Observation

According to Wahyuni, Observation is useful for generating in depth description of organizations or events, for obtaining information that is otherwise inaccessible and for conducting research when other method are inadequate. Observation also fosters an in depth and rich understanding of a phenomenon, situation or setting and the behavior of the participant[6]. In this study the researcher used observation technique to get the information by see the phenomenon and student's behavior when the shadowing technique applied. The researcher observed by the teacher during the shadowing technique applied in class.

The researcher recorded the activity during shadowing technique applied to obtains information clearly, and know the condition of the presentation in the class.

b. Test

Arthur Hughes said that "a test is said to have content validity if its content constitutes a representative sample of the language skills, structures, etc"[7]. A test must be also economic test to score the student ability in speaking. In this study the researcher use the

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[6] Wahyuni, *Qualitative Research Method: Theory and Practice, 2nd Edition* (Jakarta: Salemba Empat 2015), p. 21.

[7] Arthur Hughes, *Testing for Language Teacher* (New York, Cambridge University press, 1989), p. 22

test to measure the achievement of speaking by shadowing technique.

c. Interview

Interview is a way of collecting data in which researcher asks the information. According to Ary "the interview are used to get the data on subjects' opinion, belief and feeling about the situation in their own word"[8]. In this study, the researcher did the interview with five students after applying shadowing technique in class to know the influent of shadowing technique for student's speaking.

G. Technique of Data Collecting

The technique of data collecting that researcher used is close observation to obtain information. The teacher observed the researcher during the shadowing applied while the researcher observed the students in class thus the researcher knows the respond of students when the researcher used shadowing in speaking. In addition, the researcher using test the student in speaking skill as the result. The researcher scores, collects and corrects the student's test result to measure the achievement such as accent, grammar, vocabulary, fluency and comprehension. The researcher also

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[8] Ary, Donald. Jacobs. et all. *Introduction to Research in Education* (Canada: Wadsworth: Cengage Learning 2010), p. 431

interviewed five students and it took one meeting after applying shadowing technique in English class. The researcher interviewed five students by asking questions and the interview process was recorded. The result of the interview was supporting data to explain whether shadowing technique motivated the students to speak English or not.

H. The Technique of Analysis Data

The technique of data analyzing obtained from the interpretation of the data collection. The researcher collected the data from student's interview and observation sheet, during teaching process and the result of student achievement in tests. In term of the test, the component assessed followed Hughes namely: accent, grammar, vocabulary, fluency, and comprehension. The researcher describing the data used to explain the conditions and student's behavior after applying shadowing technique. Data has collected by interview transcripts. The researcher tempts to find the class percentage of student's score used this formula:

$$S = \frac{R}{N} x100\%$$

S = student's score

R = the sum of students' right answer

N = the sum of the item