

## THE EFFECT OF QUESTION AND ANSWER METHOD ON STUDENTS' SPEAKING ABILITY AT SMP Y.P KELUARGA PEMATANGSIANTAR

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### ABSTRACT

*This research entitled The Effect of Question and Answer Method On Students' Speaking Ability At SMP Y.P Keluarga Pematangsiantar. It concerned with the problem: Does Q & A method affect students' speaking ability of grade VII SMP Y.P Keluarga Pematangsiantar on the academic year 2021/2022? to answer the research, some theories are used: Andriyani (2015), Ikramuddin in Sukriyanto (2017), Hormalis in Hrahap (2015), Sudjono (2017). The research design was a pre - experimental research. The sample was chosen by simple random sampling. It involved 46 students. The result showed that by using Question and Answer method has improved the students' speaking ability. The improvement of students achievement are proved from Pre-test and Post - test result. The mean score of post - test (74,17) was higher than score of pre - test (51). The result also showed that standard deviation in pre-test (10,24) while in post - test (12,10). It could be concluded that there was a significant effect of question and answer method on students' speaking ability at seventh grade of SMP Y.P Keluarga Pematangsiantar in academic year 2021/2022. Keywords: Question and Answer Method, Speaking Ability*

### INTRODUCTION

#### The Background of Research

Language has an important role in human life because it is used to communicate with one person and another. Language skills have four main components, namely: 1. Listening skills, 2. Speaking skills, 3. Reading skills, 4. Writing skills. The use of good and correct language is very important in communicating because it greatly affects the meaning of the message to be conveyed. With language people will more easily convey ideas, opinions, feelings or information both orally and in writing.

Like the language component, there are 4 skills that must be mastered in learning English: listening, speaking, writing and reading. Those skills related to each other in communication so the learners need to master all four skills to understand what message is conveyed. Although the four skills are very important to master but speaking becomes the most important thing to achieve to communicate. Speaking and writing are skills that are included in productivity skills. Harmer in (Hasibuan, 2012) productive skills are skills made by which students produce the language itself. Reading and listening are receptive skills. In Speaking English students must be able to master some components of speaking. Harris in (Fauzi, Diana, and Tifa, 2021) said that there are five components in speaking, namely comprehension, grammar, vocabulary, pronunciation and fluency. It is not easy to master that's why speaking is categorized as the most difficult ability to learn English.

Q & A method provides opportunities for students to express their opinions, as well as motivate students to generate curiosity about the questions raised. According to Darmadi in (Vera, 2017) state that the Q & A method is a way of teaching or presenting material through asking question that lead student to understand the material. With the use of this Q & A method, teachers can see changes or improvements in the classroom, such as, when they finish teaching students what has been taught through the Q & A method.

Based on the statements above, the researcher concluded that the use of Q & A method also to minimize the problem of talking to students in the teaching process. By applying this method, researcher hope students will use English inside or outside the classroom to boost their confidence in speaking English with other students or English teachers.

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### **The Problem of Research**

Based on the background above, the researcher would like to formulate the research question as follow: “Does Q & A method affect students’ speaking ability of grade VII SMP Y.P Keluarga Pematangsiantar on the academic year 2021/2022?”

### **The Objective of Research**

Based on the research problem above, the researcher aim is to find out whether Q & A method effect on students’ speaking ability of grade VII in SMP Y.P Keluarga.

## **THE REVIEW OF LITERATURE**

### **Speaking**

Speaking is an activity which use our skill brain and speech organs. We can express meanings by speaking with words through the mouth, not just by uttering meaningless words by speaking. According to Ikramuddin in (Sukriyanto, 2017) defines speaking as a development of the relationship between speaker and the listener. In speaking, must be a speaker and listener so the information given can be well received. If there is no one of them, so the communication can not work properly.

While, Cameron in (Andriyani, 2015) said that speaking is the active use of language and expressing meaning so that others can understand it. Using language well can make communication go well and the message can be received well.

In speaking we can convey the meaning of the message that we want to convey to others but must use good language so that communication is maintained and there is no misunderstanding. According to Arsjad in (Prabowo, et al, 2021) the ability to speak is the ability to express, covey thoughts, ideas and feelings. So, We have be careful when we want to utter words an articulate so our expression, feeling, thought can be understand to the listener. The more skillful in speak, the more skillful and easier to communicate.

Learning a foreign language such as English requires great skills such as listening, vocabulary, pronunciation, and grammar. It must be mastered by students in order to make it easier for them to learn to speak English so that they are not confused when speaking the language they are learning. This skill has a big effect on the teaching and learning process, because if the skill is less mastered it can interfere with learning to cause misunderstandings in speaking.

### **Speaking Ability**

Speaking ability is the student ability in expressing their ideas orally which is represented by the scores of speaking. William O’Grady et al in (Fernanda, 2015) states that speaking ability is the student’s ability in expressing their ideas orally which is represented by the score of speaking. In the other hand by making presentation students will express their abilities and will make good in speaking.

Speaking ability is one of the most demanded skills of learning a language. Teaching speaking means teaching how to the language for communication can get understand, transfer idea or even being able to feel what other people are feeling. So, it is clear that language is very important. We can not only teach what will be spoken but also situation that will deal with the teacher teach speaking by carrying out the students in a certain situation concerning the topic discussed. For example if the topic about “juvenile delinquency” so the teacher carrier out to involve the student’s activity in this situation.

### **Component of speaking ability**

According to Hormailis in (Harahap, Rivi and Ummi, 2015), there are four components speaking, namely:

1. Pronunciation

Pronunciation is the production of speech sound for communication and it is very important in communication.

2. Vocabulary

Vocabulary is one of the extreme aspects that support speaking activity. It deals with the right and appropriate words. Without an/y grammar communication can be conveyed but without vocabulary nothing can be conveyed, because they do not know what they want to say.

3. Grammar

It is needed for students to arrange a correct in conversation. In the other words, grammar is the rule of making sentences, so that the sentences can be arranged properly.

4. Fluency

In speaking there is a process of exchanging ideas between a speaker and a listener. Therefore, it is important to have fluency as having the skill of other components of speaking. This skill make someone to speak fluently and confidently in speaking.

**Q & A Method**

The implementation of the teaching and learning process is the continuity of teaching and learning in the classroom that is the core of educational activities in schools. One of the ways that teachers can do to improve the quality of education is to master learning methods. There are many methods that can be used in the teaching and learning process. One of the methods that can be used is the Q & A method. According to Kanneth in (Adi, 2016) Q & A as a teaching gives the students opportunity to reflect his inquiries and needs for further information. So the researcher can conclude that the question and answer method is a way of presenting material that aims to improve students' speech skills in the form of question given by teachers and answered by students.

**THE METHOD OF RESEARCH**

**Research Design**

The research design was quantitative design. According to (William, 2011) said that quantitative research starts with a statement of a problem, generating of hypothesis or research question, reviewing related literature, and a quantitative analysis of data. This research will used pre-experimental design of one group pre-test and post - test design.

Sugiyono in (Yanti, 2017) which defines experimental research is research that is used to look for the effect of certain treatments on others under conditions controlled.

This research will used pre-experimental design of one group pre-test and post-test design. It is an experimental design which is the treatment result can be known more accurate. The following shows the design of this research:

**Table 1 Design of true experimental**

Pre-experimental: one group pre-test and post-test design.

O1	X	O2
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Where :

- O<sub>1</sub> : The result of pre-test
- X : Treatment
- O<sub>2</sub> : The result of post-test

**The Population of Research**

Ary, et al in (Ariska, 2010) said that population is all members of well-defined class of people, events, or objects. Population is all of individuals from whom the data collect. In this study the population was students at VII grade in SMP Y.P Keluarga Pematangsiantar.

**Table 2**

**The population of students**

No	Class	Number
1	VII – 1	31
2	VII – 2	31
3	VII – 3	30
<b>TOTAL</b>		<b>92</b>

Source: SMP Y.P Keluarga (2022)

**The Data and Source Data**

The data of this research is score of the students are collected from test namely pre-test and post-test for seven students of SMP Y.P Keluarga Pematangsiantar. The source of data is the student of VII grade of SMP Y.P Keluarga Pematangsiantar.

**The Technique of Collecting Data**

The data collecting method is the method to obtain the data in the research. The aims of the data collecting in conducting scientific research was to get data that needed by the research. In this research, the researcher used some processes to collect the data, namely:

1. First, the researcher made observation in the seventh grade in SMP Y.P Keluarga

2. Second, the researcher gave a pre-test. In pre-test, the researcher asked the students make a dialogue about self-introduction. After that, the researcher valuated the students’ performance. Pre-test is used in the first meeting to measure the ability of students before given the treatment.
3. Third, the researcher gave the treatment about how to introduce ourselves well by using Q & A method.
4. Fourth, after that the researcher gave post-test by recording. Post-test was used to find out the improvement of students speaking after given the treatment. The researcher asked the students make same dialogue about self-introduction to make the development of the students and asked them performance in front of the class. And then, the researcher asked the students about the dialogue.
5. Fifth, the researcher gave score to students’ speaking performance.

**The Technique of Analyzing Data**

In this research, the researcher used quantitative approach. The scoring rubric used to measure student’s speaking performance was taken from Brown in Safitri (2014:206). Here are the categories in student’s speaking performance.

**Table 3**  
**Scoring rubric speaking**

Score	Aspect				
	Grammar	Fluency	Pronunciation	Vocabulary	Comprehension
5	Grammatical and lexical accuracy are extremely high	Speak fluently without hesitation or searching for words	Very clear, stress and intonation help to make meaning clear	Effective words choice	Understand everyday conversation at normal speech
4	Quite accurate, some errors, but meaning is always clear	Some hesitations and sometime has to search for words	Generally clear; reasonable control of stress and intonation	Mostly effective words choice	Understand nearly everything at normal speech. Although occasional repetition may be necessary.
3	Frequent errors; meaning is not always clear	Quite hesitant, limited range of vocabulary and structure	Frequent errors; not always clear enough to understand	Frequently errors in words choice	Understand most of what is aid at slower speed with repetition
2	Very frequent errors; difficulty in making meaning clear	Extremely hesitant; very limited range of language available	Very frequent errors; often very difficult to	Ineffective word choice	Difficult to understand what is said able to comprehend only social conversation spoken slowly and with frequent repetition
1	Almost unable to communicate	Almost unable to communicate	Almost unable to communicate	Almost unable to communicate	Almost unable to understand even simple conversation

Maximum score: 25

$$\text{Score} = \frac{\text{the result of score}}{\text{maximumscore}} \times 100$$

After the researcher knowing the score of students from the pre-test and post-test, the researcher will give the level achievement to the students. According to (Arikunto, 2013) to analyze the data, this research will use analyzing of five categories such as excellent, good, enough, less and very less.

**Table 4**  
**Level of achievement**

The score	Level of achievement
81 - 100	Excellent
61 - 80	Good
41 - 60	Enough
21 - 40	Less
00 - 20	Very less

To get the mean score, the researcher uses the mean score by Arikunto (2010:272) as the following:

$$\bar{x} = \frac{\sum x}{N}$$

Note:

- X : Mean
- N : Number of students
- x : Sum of individual score

To get the Standard Deviation, the researcher uses the formula by (Sudjono, 2017):

$$SD = \frac{1}{N} \sqrt{N \sum X^2 - (\sum x)^2}$$

Note :

- SD : Standard Derivation
- N : Number of Sample
- X : Total score pre-test / post-test
- X<sup>2</sup> : Total Squared Score

Calculating mean difference by using formula, the researcher uses the formula by (Arikunto, 2014):

$$M_D = \frac{\sum D}{N}$$

- M<sub>D</sub> : Mean of Difference
- D : Difference
- N : Sample

## RESEARCH FINDING AND DISCUSSION

### Mean of Pre-test and Post-test

To get the result of pre-test and post-test, the researcher calculated the mean score more much as following:

1. The Result Pre-test of Experimental

$$\text{Mean: } \bar{X} = \frac{\sum x}{N}$$

$$\bar{X} = \frac{2388}{46}, \bar{X} = 51,91$$

2. The Result Post-test

$$\text{Mean: } \bar{X} = \frac{\sum x}{N}$$

$$\bar{X} = \frac{3412}{46}, \bar{X} = 74,17$$

### Standard Deviation of Pre-test and Post-test

Standard Deviation of pre-test and post-test data is calculated to know how the data are spread out from those points. So, the value of standard deviation is calculated as following:

The Result Pre-test:

$$SD = \frac{1}{N} \sqrt{N \sum X^2 - (\sum X)^2}$$

$$SD = \frac{1}{46} \sqrt{46.128800 - (2388)^2}$$

$$SD = \frac{1}{46} \sqrt{5924800 - 5702544}$$

$$SD = \frac{1}{46} \sqrt{222256}$$

$$SD = \frac{1}{46} \cdot 471,44$$

$$SD = \frac{471,44}{46}$$

$$SD = 10,24$$

The Result Pre-test:

$$SD = \frac{1}{N} \sqrt{N \sum X^2 - (\sum X)^2}$$

$$SD = \frac{1}{23} \sqrt{46.259824 - (3412)^2}$$

$$SD = \frac{1}{23} \sqrt{11951904 - 11641744}$$

$$SD = \frac{1}{23} \sqrt{310160}$$

$$SD = \frac{1}{23} \cdot 556,92$$

$$SD = \frac{233,71}{23}$$

$$SD = 12,10$$

## Research finding

In research finding the researcher will describe about the finding of the research which have done by students in VII SMP Y.P Keluarga that consisted of 46 students.

The research finding of the data, data have found of the research above shown that there is the different in pre-test and post-test. It can conclude that the research get good level from activities in teaching speaking by using Q & A method. It makes students interesting and more active to speak English.

From the explanation above shows that by using Q & A method make students can improve their speaking. Moreover, the result of the test shows that there is the significance influence between pre-test and post-test, mean and standard deviation. Finally, teaching by using Q & A method can be a good method in teaching speaking.

## CONCLUSION AND SUGGESTION

### Conclusion

Based on the result of data analysis, the findings this research is concluded as follows:

1. Q & A method effects on speaking ability for the seven grade students of SMP Y.P Keluarga Pematangsiantar. They had to improve their speaking and make them more active in the class with Q & A method.
2. The total score of pre-test is 2388, mean is 51, and standard deviation is 10,24
3. The total score post-test is 3412, mean is 74,17 and standard deviation is 12,10.

### Suggestion

Based on the conclusion above. There are some suggestions which are suggested in improving students' speaking ability, as following:

#### For teachers :

1. The teacher should implement various strategies in learning English especially in speaking because it can make students more active.
2. The teacher should be as a partner for the students in learning process and care to the students.
3. The teacher should be creative to master the class became more alive.
4. The teacher should always improve own skills and knowledge in exploring the class.

#### For students:

1. The students should pay attention to what the teacher's instruction and all the duty



2. The students should learn the material before it is taught by the teacher in the class so that it will be easy for students to understand the material.
3. The students must practice English more often so that their speaking is better.

**For other researcher:**

1. The other researcher can improve this study with better design and different object in order to support the result findings.
2. The result of this study can be used and additional reference of further research for the students in junior high school.

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