

## CHAPTER I

### INTRODUCTION

#### A. Background of Study

Education has an important role in human life. It can build a person's character and value. It is also realized as an effort to change somebody's attitude and ability in a positive way. Education as an effort to build a nation becomes an indicator of quality and value of a country. Because of it, Indonesian education purposes are directed to the development of the high quality human resources. The educational system is changing time by time to increase the quality of education itself.

One of the ways to obtain the knowledge is through learning a language. Language and knowledge can not be separated each other because it can understand the knowledge with the assistance of the language. It means that language and knowledge have a very close relationship. Language is the tool of communication for human. We can easily communicate with others by using language.

Language is the fundamental for the human life to socialize with other people obtained directly by themselves. According to Brown (2007: 13) that "language is a special skill that complex, evolving within each one spontaneously, without conscious effort or formal instruction." Language is used to deliver message, express ideas, thought and one's feeling to others. In this world we had many countries which create many various of languages. One of the languages

which are used by most of people in the world is English because English is our international language. That's why very important to us to learn English. In Q.S.Ibrahim verse 33, Allah said :

وَسَخَّرَ لَكُمُ الشَّمْسَ وَالْقَمَرَ دَائِبَيْنِ ۖ وَسَخَّرَ لَكُمُ اللَّيْلَ وَالنَّهَارَ ﴿٣٣﴾

This verse of Qur'an told that Allah created the night and the day for us, we had many times to study. Every human beings is gained with the language spontaneously. Human need to learn more and constantly to reach the target that they dream to reach. After human beings language, they can use it in their lives.

Language is a means of communication that is used to transfer information, ideas, and feeling from one person to another. It is used to communicate both in written and spoken form. The primary functions of language are communication, self-expression and thinking. The expression of feeling and meaning becomes more exact.

The command of words and groups of words grows with practice and with the complexity of ideas and reactions to be expressed (Patel & Jain, 2008 : 29). Considering the importance of language, our government has drawn up English as a foreign language that should be mastered by the students.

Language is very important for human's life as a media to communicate, language can be as a media to transfer their feeling and their want, and also bind the relationship with others, language can be considered as the part of social phenomenon. Many people try to learn English since they are in elementary school until university.

English also is as an obligation subject in formal school, because students are required to be able to communicate in oral and written English accurately. The students need to have ability in four basic skills, they are listening, speaking, writing, and reading. English is given to the students in order to support that they could be the people who are cleaver, have skill and attitude, and readily take apart in the development in the nation. It is the easiest way to communicate with other people from other countries.

Now, not only in Indonesia, many countries in the world include the compulsory study of English as a foreign language from primary school, and many parents of students are aware that some knowledge of English will help their children to get a better job in the future (Dudeny & Hockly, 2010 : 1). The importance of language itself has already been in the Holy Qur'an as the explanation of God about the role of language as communicative system in the world. He said in Holy Qur'an Ar:Rum, verse 22:

وَمِنْ آيَاتِهِ ۚ خَلَقَ السَّمَوَاتِ وَالْأَرْضِ وَأَخْتَلَفُ اللَّسَانَاتِ وَاللَّوَانِكُمْ ۚ إِنَّ فِي ذَلِكَ لَآيَاتٍ لِّلْعَالَمِينَ ﴿٢٢﴾

The verse above explains about the importance of language that has been given by God. Every ethnic group has their own language for communicate each other. In real situation, language is not only uses for communicate, but also needed for deliver knowledge between mankind in the world.

Nowadays, wherever position the people's work, they feel the need to learn English as a foreign language. In response to the needs of developing human resources, the English teaching in Indonesia becomes significant. Based on the Indonesian constitution (Undang-Undang Negara Republik Indonesia) Number 20 Years 2003 on National Education System Article 33 Verses 3 stated that a foreign language can be used as a classroom language in a certain educational level to support the students' language ability, the teaching of English has been extended to be taught to the kindergarten school level, elementary school level, junior high school level, senior high school level and university level, including Mathematics Department.

Generally, the material of English for Mathematics included introduction; English for Algebra, English for Geometry, English for Statistics, English for applied mathematics, English for classroom conversation, writing lesson plans. This lecture is very useful for students in order to prepare themselves to be English teacher for specific purposes.

To achieve the goals, English teachers must use the right way and have some methods by using various techniques. A technique is one of the components of instruction, which has an important role in teaching and learning process. By using various techniques, the students perhaps will be more interested in learning English. Thus, teacher should not teach English monotonously.

In English learning process, techniques play important role to gain success. The teacher must be creative to choose the technique that teacher uses in

teaching English, because if the teacher chooses inappropriate technique, teacher probably fails to reach the successful in language teaching. Because most of unsuccessful factors in teaching learning process is caused by inappropriate techniques usage in the class room.

The reason of this problem is because the teachers do not know about the characteristic of students and there is no good communication that happen in the class room. Students are worry to do mistakes, and scary to ask. sometimes they are forced to memorize but feel ashamed to practice. That is why a good technique is the key for successful teaching.

According to Harmer on his book there are some traditional techniques of language learning that have been used for many years, in more recent times, there have been five teaching models which have had a strong influence on classroom practice and which teachers and trainers still refer to, they are Grammar translation, Audio-Lingualism, PPP ( Presentation, Practice and Production ) , Task Based Learning and Communicative Language Teaching (Harmer, 2004 : 30). These techniques perhaps become old fashion in teaching learning English today.

In language teaching, conditions such as the facilities, of the environment, learner's feature, the social dimension of the learning circles, teacher qualities hold great importance. The efficiency and effectiveness of the techniques which will be followed during the learning and teaching processes and making the situation can be shaped by the knowledge and experience of the teacher.

There are many kinds of techniques can be used for teaching English. The variety of techniques provides a good opportunity for the English teachers to choose the appropriate techniques. Thus, the teachers have freedom teaching action, and the students are interested in delivering material because teachers competent on it.

In the first writer's interview with some students from Mathematics Department especially the seventh semester, writer finds some information about teaching and learning process. The teacher asks the students to memorize 10 vocabulary every meeting, then the vocabulary must be mentioned each meeting.

From the description above, the writer concern to study about this topic to know the technique which is used by teacher in teaching English at Mathematics Department. The writer also wants to inform the readers about the techniques which is used by teacher and perhaps there is a new technique that might be founded to make Mathematics Department better and also this research can give contribute to all English teachers who teach English as a valuable contribution.

On previous study the researcher has found some research result: The Analysis of Teacher's Teachniques in Teaching English at Islamic Religious Department of IAIN Antasari Banjarmasin (Miftah Farid : 2015), The Techniques Of Teaching English For Young Learners In Hartini's Course Banjarmasin (Annita Rahmaniati : 2015) and The Teachers' Techniques In Teaching Young Learners At LBPP Lia Banjarmasin (Fahmiannor Anshari : 2013), from those three research before, they researched those topic had done the study.

The first research is conducted by Miftah Farid ( 2015 ) with title “The Analysis of Teacher’s Techniques in Teaching English at Islamic Religious Department of IAIN Antasari Banjarmasin”. In the result revealed that kind of techniques that the teacher uses and student’s responses are very important to know to measure whether the teacher’s technique to improve students’ view toward teaching English. It also can be input for the teacher who teaches English nowadays. The similarity of this research is to know the techniques are used in teaching english, but this research also different. This research focus on the teacher’s difficulties and problems in teaching English at Mathematics department at IAIN Antasari Banjarmasin, whereas the research before are to know the students’ responses toward the techniques used by teachers at Islamic Religious Department of IAIN Antasari Banjarmasin and to find out the students respond to the lesson.

The second research is conducted by Annita Rahmaniati ( 2015 ) with title “The Techniques Of Teaching English For Young Learners In Hartini’s Course Banjarmasin”. In the result revealed that there are 16 techniques that are used by the teachers in EFL class: short conversation, writing the starting and finishing the time of teaching and learning process, listening music, listen and repeat, point to each word, memorization, tracing, reading aloud, guessing picture, fill in the letters, fill in the blanks, self correction, defining words, point the matching picture, translation of literary passage, and reading comprehension questions. The similarities of this research are to know the techniques are used in teaching English and to know how the application of techniques in teaching English, but this reseach also differences. This research focus on the teaching English at

Mathematics department at IAIN Antasari Banjarmasin, whereas the research before is teaching English for young learners in Hartini's course Banjarmasin.

The third research is conducted by Fahmiannor Anshari (2013 ) with title "The Teachers' Techniques In Teaching Young Learners At LBPP Lia Banjarmasin". In the result reveals that the teachers' techniques in teaching young learners at LBPP LIA Banjarmasin are varied within a relatively short span of time. The similarity of this research is to know how the application of techniques in teaching English, but this research also different. This research focus on the teacher's difficulties and problems in teaching English at Mathematics department at IAIN Antasari Banjarmasin, whereas the research before is to know the students response to the English lesson at LBPP-LIA Banjarmasin.

Based on pre observation, background of study of teachers who teach English in mathematics was graduated from the postgraduated of Mathematics at UIN Yogyakarta. The teacher ever taught English at a university in the past, so he did not have difficulties or problems in teaching English in mathematics, because the teacher had previously taught at university.

This research tried to observe the techniques are used in teaching English, teacher's difficulties and problems in teaching English and to know whether English at Mathematics Department same with genaral English. In this research, writer chose seventh semester at Mathematics Department which is located in IAIN Antasari Banjarmasin, it is because this semester has an English course, one of courses is English for Mathematics.



Based on the explanation above, the writer is interested in the research entitled, **“TEACHER’S TECHNIQUES IN TEACHING ENGLISH AT MATHEMATICS DEPARTMENT AT IAIN ANTASARI BANJARMASIN.”**

**B. Statement of problem**

1. What techniques are used in teaching English in mathematics department at IAIN Antasari Banjarmasin?
2. How does the teacher use teaching and learning techniques in teaching English at Mathematics department at IAIN Antasari Banjarmasin?
3. What are the problems or difficulties that the teacher finds in teaching English at Mathematics department at IAIN Antasari Banjarmasin?

**C. Objective of study**

1. To know the teacher’s techniques in teaching English at Mathematics department at IAIN Antasari Banjarmasin.
2. To know how the application of techniques in teaching English at Mathematics department at IAIN Antasari Banjarmasin.
3. To find out the teacher’s difficulties and problems in teaching English at Mathematics department at IAIN Antasari Banjarmasin.

#### **D. Significant of Study**

The result of the research is expected to have advantages, such as:

1. In order to get opportunity for other researchers to observe further on how to optimally use the techniques in teaching English at Mathematics department at IAIN Antasari Banjarmasin.
2. To enrich the writer's knowledge about using techniques in teaching English, especially for Mathematics department.
3. As the information for the English teachers at Mathematics department at IAIN Antasari Banjarmasin to improve their teaching technique in teaching and learning process.

#### **E. Definition of Key Terms**

To avoid misunderstanding of the title, the writer needs to explain some terms in the title as follows:

##### **1. Teacher's Techniques**

In Longman dictionary of language teaching and applied linguistics, a technique was described as an overall plan for systematic presentation of language based upon a selected approach (Richards & Richards : 2002).

A.S Hornby in *Oxford Advance Learner's Dictionary of Current English* says that "technique is method of doing something expertly" (1995 : 887).

Anthony as quoted by Jack C. Richards says that "Techniques is implementation that which actually takes place in a class room. It is a

particular trick, strategy, or contrivance used to accomplish an immediately objective”.

Thus, in this research the teacher's techniques which are meant here is the overall plans or workings that are used by the English teacher to teach English for the Mathematics Department. The writer will observe every step that the teacher does when teaching English, from the beginning to the last part of teaching and learning process.

## 2. Teaching English

Brown (2000:7) in his book explains that teaching defined as “Showing or helping someone to learn how to do something, giving instruction, guiding in the study of something, providing with knowledge, causing to know or understanding.”

Teaching is a verbal noun or gerund, it is consist of “teach” and “ing. According to Oxford Dictionary, teach is give instruction to somebody about knowledge, skill, etc. It means teach is some instruction effort to reach the goal and to find the knowledge and skill. There is no denying that teaching is challenging, teachers should make a good connection to the students to know the ability of them. In certain times, teachers can get inspiring in their life while teaching.

However, English as a language is well known as second and foreign language. Teaching English subject has to facilitate the learners to learn English. Thus, the English teaching which is meant in this research is the

process of teaching English as a foreign language to the Mathematics Department at the seventh semester of IAIN Antasari Banjarmasin.

### 3. Mathematics

According to Merriam say that mathematics is the science of numbers and their operations, interrelations, combinations, generalizations, and abstractions and of space configurations and their structure, measurement, transformations, and generalizations, so mathematics is a knowledge that discussing about the number.

### 4. Mathematics Department

Mathematics is one of the major which was taught by teacher or lecturer. Besides, according Oxford learner's pocket dictionary department is a part of an organization such as school, business or government that deals with a particular area of study or work. It means that in this study Mathematics Department is a part of organization in the school or university to study about English. In this research, the writer choose mathematics department in IAIN Antasari Banjarmasin where there is English for mathematic as a compulsory subject in the seventh semester. Based on the first observation, the teacher said that the goal of the the teaching and learning process; the students are able to make lesson plan and teaching mathematic in English. The teacher transfered the knowledge about English by some approaches which is appropriate with the students' needs in mathematics department.

## **F. Organization of the Content**

This research is divided into five chapters as follows.

The first chapter is introduction that covers background of study, statement of problems, objectives of study, significant of study, definition of key terms, and organization of the contents.

The second chapter is theoretical review on related field that covers definition of English language teaching, techniques in language teaching, kinds of techniques in language teaching, the definition of deafness and the deaf students, the characteristics of the deaf students, and teaching English for the deaf students.

The third chapter is research method that covers research design, research setting, subject and object of research, data and sources of data, data collection procedure, and data analysis.

The fourth chapter is findings and discussion that covers general description of the research location, data presentation, and data analysis.

The last chapter is the fifth chapter which is closure. It covers conclusions and suggestions.