

## CHAPTER V

### CONCLUSION, IMPLICATIONS AND SUGGESTION

#### 5.1 Conclusions

Based on the findings of the study and result of the data analysis regarding The Effect of Teaching Models And Critical Thinking On Students' Achievement in Speaking, it can be concluded that :

1. The first hypothesis is accepted the Quantum Learning Model is better than Problem-based Learning Model to create the achievement of the students in speaking. It is indicated by the mean of achievement in speaking of the students taught by Quantum Learning Model ( $79.37 \pm 11.28$ ) is higher than that taught by Problem-Based Learning Model ( $72.00 \pm 7.31$ ).
2. The second hypothesis is accepted that the achievement in speaking of the students with high critical is better than that with low critical. It is indicated by the mean of achievement in speaking of the students with high critical ( $68.65 \pm 9.11$ ) is higher than that with low critical in speaking ( $39.89 \pm 4.96$ ).
3. There is the significant effect of the interaction between the variable X1 (learning model) and variable X2 (critical level) on the achievement of the students in speaking. It is indicated by The interaction between X1 and X2 has  $F_{\text{observed}} = 6.104$  and sig-p of 0.016 which is smaller than 0.05

## 5.2 Implications

The first finding of this research reveals that the students' achievement in speaking taught by using Quantum Learning Model is significantly higher than that of taught by using Problem-Based Learning. Quantum Learning Model shows the way how the students are enjoying to express their ideas in speaking and they can explore their ability to communicate with some topics given.

The second finding of this research reveals that the students' achievement in speaking with high critical thinking is higher than that of with low critical thinking. The students with high critical thinking tend to be more energetic to communicate in English, develop deeper interest with their friends, form a stronger sense of learning and respond to the teacher instruction quickly. This is why they are brave and have much chance to speak in English. They want to try their best on making a good conversation with given topic in class. They have good confidence to talk in front of the class. Thus, English teacher should give more attention to the students' critical thinking so the students can obtain better achievement.

The last finding of this research reveals that there is an interaction between teaching models and critical thinking on students' achievement in speaking. Both students with high and low critical thinking will get good achievement by using Problem-Based Learning Model. While the use of Quantum Learning Model is attracted. Some students will be interested to use this model, but for that with low one tends to be shy since they do not have enough critical thinking to get good achievement to use this model. It implies that the teachers should apply suitable

teaching models based on students' critical thinking level to improve students' achievement in speaking.

### 5.3 Suggestion

Based on the result of the data analysis, it can be known that the result of the study is still not perfect, therefore, the researcher assumes some suggestions as below ;

1. It is suggested to the teachers of SMP Negeri 19 Medan to improve the learning models so that the achievement of the students in speaking may be improved.
2. It is suggested to the students of SMP Negeri 19 Medan to increase their critical thinking so, their achievement in speaking may be more improved.
3. It is suggested to those next researchers to increase the scale of the study that the result of the study may be more reliable and accurate.