

CHAPTER V

CONCLUSIONS AND SUGGESTIONS

A. Conclusions

Based on the research findings, obtained after doing the analysis, then it can be inferred that:

1. Three indices of English summative test based on the 3-PLM of IRT were difficulty index, discrimination power index and pseudo-guessing index. Concerning with the difficulty level parameter, the English summative test of SMKS Parulian 1 Medan ranges from -410 to -0.86. Then, the discrimination power ranges from -0.00000000622 (-6.229095e-08) to +5.80 and in reference with the pseudo-guessing parameter, the English summative test items ranges of 0.00000000000000779 to 0.592.
2. The quality of the English summative test for the tenth grade students of SMKS Parulian 1 Medan in 2020/2021 academic year based on the 3-PLM is as much as 95 % (38 items) were in the good category of difficulty index and 5% (2 items) were in the poor category. Then, based on the result of the discrimination power, as much as 30 % (12 items) were in the good category and 70 % (28 items) in the poor category. While referring to the result of the guessing parameter, as much as 90 % (36 items) were in the good category and 10 % (4 items) were in the poor category. The test item need significant reviews and revisions before using it in another testing.

B. Suggestions

Having conducted a research about item analysis of English summative test based on the 3-PLM of IRT, thus some suggestions are considered to be given to the English teacher who usually become the test-maker in the class as well as to all teachers to be and the next researchers.

1. For English teachers who usually construct test items/questions for students, it is suggested that the teachers should be aware of the advantages of test item analysis to avoid the existence of such poor item. Then, it is so important to have good understanding in arranging good test items and to do evaluation through item analysis toward the test item that have already made and administered to the students in every testing.
2. For the next researchers, it is suggested to conducted such research with more explanation about the interrelationship among the 3 parameters logistics model and to do further action research that can become a new broader research, since there are still some weaknesses, lacks found in this research. It can be said that the result drawn has not been well-presented. It is due to researcher's limited ability toward the topic. Therefore, this research is still so far from perfect.