

CHAPTER V

CONCLUSION AND SUGESSTION

5.1 Conclusion

Based on the research data, the following conclusions can be drawn:

1. Misconceptions of XI students at SMA Negeri 2 Percut Sei Tuan on reaction rate material is 61.6%, included in the high category.
2. The test instrument developed is declared feasible to be used to measure the misconceptions of students in class XI SMA Negeri 2 Percut Sei Tuan on the material of reaction rate.
3. The concept of reaction rate that students experience misconceptions there are understanding of reaction rate and reaction rate expressions, reaction order, factors affecting reaction rate, collision theory, and reaction rate equation.
4. The percentages of student's misconception in understanding of reaction rate and reaction rate expressions concept have percentage 54,25%, in reaction order concept have percentage 62,86%, in factors affecting reaction rate concept have percentage 60,57%, in collision theory concept have percentage 73,70%, and in reaction rate equation concept have percentage 52,57%.

5.2 Sugestion

Misconceptions are misunderstandings in connecting concepts with other concepts so that they often form contradictory concepts or are not in accordance with scientific concepts. This certainly affects further learning. Therefore, the suggestion that can be conveyed to future researchers is that further research needs to be carried out on the causes of misconceptions accompanied by interviews with students regarding concepts that experience misconceptions in conducting Chemistry learning, both on reaction rate material and on different materials.