

CHAPTER V

CONCLUSION AND SUGGESTION

5.1 Conclusion

Based on the above result, can conclude that:

1. Student's outcome taught by CTL using concept map is significant better than student's outcome taught by conventional with manual calculation, $Z_{\text{calculation}}$ is 14.2995, it means $z_{\text{calculation}} > z_{\text{table}}$, (1.645), H_a is accepted and H_0 is rejected.
2. The influence student's outcome of CTL using concept map is better than conventional, because the percentage student's outcome in experimental class is higher than control class (63.88 % > 19.58 %), it means there is have increasing.

5.2 Suggestion

Form the result of the research, there are some suggestion must be raised :

1. Chemistry teaching can use contextual teaching and learning using concep map on the tesching acid based topic to increase the student's outcomes in learning process.
2. Another researcher that want to implement contextual teaching and learning can make variation with some learning media.