

LIST OF APPENDIX

	<i>Pages</i>
Appendix 1. Teacher interview data	62
Appendix 2. Multiple Choice Test	63
Appendix 3. Answer of Multiple Choice Test	71
Appendix 4. Student Questionnaire Sheet	73
Appendix 5. Lesson Plan (RPP).....	76
Appendix 6. IPA's Syllabus in Biology	78
Appendix 7. Tabel Instrument Validity	85
Appendix 8. Calculation of Validaty Test	86
Appendix 9. Table Summary of Calculation of the Validity of Each Item	87
Appendix 10. Calculation of Question Item Reliability	88
Appendix 11. Calculation of Problem Level of Difficulty	89
Appendix 12. Tabel of Discrimination Power	91
Appendix 13. Calculation of Discrimiation Power Test.....	92
Appendix 14. Table of Student Learning Outcomes for Class X MIA 1	93
Appendix 15. Table of Student Learning Outcomes for Class X MIA 2	94
Appendix 16. Student Learning Outcomes Data Table Based on Cognitive Aspects	95
Appendix 17. Table of Calculation of the Percentage of Students with Difficulties for Each Problem Cognitive Aspects	97
Appendix 18. Calculation of the percentage of students experiencing Difficulties.....	98
Appendix 19. Calculation of the Absorption of Students for Each Learning Indicator	99
Appendix 20. Table of Data Student Learning Difficulty Questionnaire	100
Appendix 21. Table of Data Student Learning Difficulty Questionnaire Based on Indicator.....	102