## ACKNOWLEDGEMENT

Praise and great gratitude to Almighty God submitted by the author to the Lord Jesus Christ Her Savior for blessing and grace that gives me health and wisdom so that I can complete a thesis entitled "The Development Of Textbook Based On Scientific Approach On Digestive System and Circulatory System Topics For Grade XI Science Program".

The thesis is arranged to fulfill the requirements for obtaining barchelor's degree, in Bilingual Biology Education Study Program, Faculty Mathematics and Natural Science, Medan State University. On this occasion the author would like to thank you to Sir Drs. Syarifuddin, M.Sc., Ph.D. as a thesis supervisor who has provided guidance and advice from the beginning of the research proposal preparation until this thesis can be completed. The author also say thank you Dra Mam Meida Nugrahalia M.Sc as academic supervisor. The author also expressed my gratitude to the examining lecturer Sir Prof. Dr. rer. nat. Binari Manurung, M.Si, M.Sc., Mam Endang Sulistyarini S.Si., M.Si., Apt , Sir Dr. Syahmi Edi M.Si, who has provided criticism and suggestions to improve the quality of this thesis.

Especially the author would like to thank my beloved father Jon Marulituah Damanik and my beloved Rampung S Dame Purba Tanjung who always prays, motivates, gives full support and truly loves me so that the author can do the lecture to finish this thesis well. I also like to thank my sister, Hana Teresia Damanik, my brother, Rohma Natanael Daamanik who has provided support author through speech and prayer.

The author also thanked to my best friend Juni Pardomuan Saragih, Rani Mariani Purba, Redova Purba, and to my friends in GKPS Pardamean to their support, motivation, and pray for me to finish this thesis. Wonderful, thank for all my greatest friends in Bilingual Biology Education 2014 and other friends, brother and sister who could not mention one by one. The author has tried as much as possible in the completion of this thesis, but the author realizes there are still many weaknesses both in terms of content and grammar, for that the author expects constructive suggestions and criticism from the reader for the sake of perfect this thesis. Hopefully the contents of this thesis are useful in the science of education. God bless us.

Medan, October 2019 Author

Mariauli R Damanik
ID 4143342022