

**DEVELOPING HIGHER-ORDER THINKING SKILLS
READING COMPREHENSION QUESTIONS
FOR SENIOR HIGH SCHOOL STUDENTS**

A THESIS



By:

Faisal Novian Hermansah

1213018060

**ENGLISH EDUCATION STUDY PROGRAM
FACULTY OF TEACHER TRAINING AND EDUCATION
WIDYA MANDALA SURABAYA CATHOLIC UNIVERSITY**

January 2022

**DEVELOPING HIGHER-ORDER THINKING SKILLS
READING COMPREHENSION QUESTIONS
FOR SENIOR HIGH SCHOOL STUDENTS**

A Thesis

Presented to Faculty of Teacher Training and Education
Widya Mandala Catholic University Surabaya
in partial fulfillment of the requirement for the Degree of
Sarjana Pendidikan in Teaching English as a Foreign Language



By:

Faisal Novian Hermansah

1213018060

**ENGLISH EDUCATION STUDY PROGRAM
FACULTY OF TEACHER TRAINING AND EDUCATION
WIDYA MANDALA SURABAYA CATHOLIC UNIVERSITY**

January 2022

SURAT PERNYATAAN

Jalur Skripsi

Bersama ini saya:

Nama : Faisal Novian Hermansah
Nomor Pokok : 1213018060
Program Studi : Pendidikan Bahasa Inggris
Jurusan : Pendidikan Bahasa dan Seni FKIP
Fakultas : Keguruan dan Ilmu Pendidikan

Menyatakan dengan sesungguhnya bahwa skripsi saya yang berjudul:

“DEVELOPING HIGHER-ORDER THINKING SKILLS READING
COMPREHENSION QUESTIONS FOR SENIOR HIGH SCHOOL STUDENTS”

benar-benar merupakan hasil karya saya sendiri. Apabila Skripsi ini ternyata merupakan hasil *plagiarisme*, maka saya bersedia menerima sanksi berupa pembatalan kelulusan dan/atau pencabutan gelar yang telah saya peroleh.

Demikian surat pernyataan ini saya buat dengan sesungguhnya dan dengan penuh kesadaran.

Trenggalek, 6 Januari 2022

Yang membuat pernyataan,



Faisal Novian Hermansah

Mengetahui,
Dosen Pembimbing I,

Dra. Agnes Santi W., M.Pd.
NIK: 121.83.0102

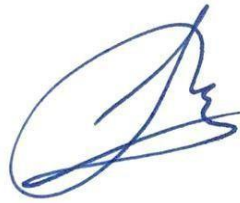
Dosen Pembimbing II

NIK:

APPROVAL SHEET

(I)

This thesis entitled “DEVELOPING HIGHER-ORDER THINKING SKILLS READING COMPREHENSION QUESTIONS FOR SENIOR HIGH SCHOOL STUDENTS” prepared and submitted by Faisal Novian Hermansah (1213018060) has been approved to be examined by the Thesis Board of Examiners.



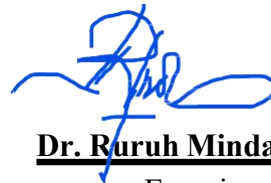
Dra. Agnes Santi W., M.Pd.

Thesis Advisor



Dr. B. Budiyono, M.Pd.

Examiner 1



Dr. Ruruh Mindari, M.Pd.

Examiner 2

SURAT PERNYATAAN

PERSETUJUAN PUBLIKASI KARYA ILMIAH

Demi perkembangan Ilmu Pengetahuan, saya sebagai mahasiswa Universitas Katolik Widya Mandala Surabaya:

Nama Mahasiswa : Faisal Novian Hermansah
Nomor Pokok : 1213018060
Program Studi : Pendidikan Bahasa dan Seni
Jurusan : Pendidikan Bahasa Inggris
Fakultas : Fakultas Keguruan dan Ilmu Pendidikan
Tanggal Lulus : _____

Dengan ini ~~SETUJU/TIDAK SETUJU~~*) Skripsi atau Karya Ilmiah saya,

Judul:

**“DEVELOPING HIGHER-ORDER THINKING SKILLS READING
COMPREHENSION QUESTIONS FOR SENIOR HIGH SCHOOL STUDENTS”**

Untuk dipublikasikan/ditampilkan di Internet atau media lain (Digital Library Perpustakaan Universitas Katolik Widya Mandala Surabaya) untuk kepentingan akademik sebatas sesuai undang-undang Hak Cipta yang berlaku.

Demikian surat pernyataan ~~SETUJU/TIDAK SETUJU~~*) publikasi Karya Ilmiah ini saya buat dengan sebenarnya.

Surabaya, 19 Januari 2022

Yang membuat pernyataan



Faisal Novian Hermansah

NRP:1213018060

APPROVAL SHEET

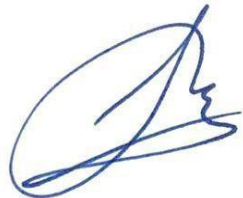
(II)

This thesis entitled “DEVELOPING HIGHER-ORDER THINKING SKILLS READING COMPREHENSION QUESTIONS FOR SENIOR HIGH SCHOOL STUDENTS” prepared and submitted by Faisal Novian Hermansah (1213018060) has been approved to be examined by the Thesis Board of Examiners.

β

Dr. B. Budiyo, M.Pd.

Chair



Dra. Agnes Santi W., M.Pd.

Secretary



Dr. Ruruh Mindari, M.Pd.

Member



Dr. Luluk Prijambodo, M.Pd.

Dean of the Faculty of Teacher and
Training and Education



Yohanes Nugroho Widyanto, Ph.D

Head of the English Education
Study Program

STATEMENT OF AUTHENTICITY

I declare that this thesis is my own writing and it is true and correct that I did not take any scholarly ideas or work from other dishonestly. All the cited works were quoted in accordance with the ethical code of academic writing. I will take all consequences if plagiarism is found in this thesis.

Trenggalek, 5th January 2022



Faisal Novian Hermansah
(1213018060)

ACKNOWLEDGEMENT

Praise to be Allah SWT because of His grace, the writer can finish the research that entitled **“Developing Higher-Order Thinking Skills Reading Comprehension Questions for Senior High School Students”** on time.

This thesis has been completed because of helping and support from many people. The writer would like to honour and to express his deepest gratitude to those who have given their time to guide, help, and support the writer during the process of writing the thesis, especially to:

1. Dra. Agnes Santi W., M.Pd, the writer’s advisor, who have given her valuable advice, guidance, motivation, and support to the writer during the process of writing the thesis.
2. Dr. B. Budiyo, M. Pd. and Dr. Ruruh Mindari, M. Pd., the writer’s thesis examiners, who have given valuable feedback and suggestions during the proposal and thesis examination.
3. The writer’s beloved family, who always support and pray for him to complete his study and finish his thesis.
4. Miss Debby, who has helped to share the Google form to the students.
5. Vannesa and Ofta, who have helped and supported to share the HOTS reading comprehension question to her friends.
6. The writer’s beloved friends, who have helped and given support during the process of writing the thesis.

Trenggalek, 5th January 2022

Faisal Novian Hermansah

TABLE OF CONTENTS

SURAT PERNYATAAN JALUR SKRIPSI.....	ii
APPROVAL SHEET (I).....	iii
SURAT PERNYATAAN PERSETUJUAN PUBLIKASI KARYA ILMIAH.....	iv
APPROVAL SHEET (II).....	v
STATEMENT OF AUTHENTICITY.....	vi
ACKNOWLEDGEMENT.....	vii
TABLE OF CONTENTS.....	viii
TABLE OF FIGURE.....	x
TABLE OF TABLE.....	xi
ABSTRACT.....	xii
CHAPTER 1.....	1
INTRODUCTION.....	1
1.1 Background of the Study.....	1
1.2 The Objective of the Study.....	4
1.3 Theoretical Framework.....	4
1.4 Limitation and Scope.....	5
1.5 Significance of the Study.....	6
1.6 Definition of Key Terms.....	6
1.7 Organization of the Proposal.....	6
CHAPTER II.....	8
RELATED LITERATURE.....	8
2.1 Reading Comprehension Questions.....	8
2.2 Assessment of the 21 st Century.....	12
2.3 Revised Bloom's Taxonomy.....	13
2.4 ADDIE Model.....	14
2.5 English Syllabus of the Senior High School.....	14
2.6 Text Genres for the Senior High School Students.....	19
2.7. Previous Studies.....	20
CHAPTER III.....	22
RESEARCH METHODOLOGY.....	22
3.1 Research Design.....	22
3.2 Instrument.....	22
3.3 Test Takers.....	22

3.4	Stages of The HOTS Questions Development.....	23
CHAPTER IV.....		25
THE RESULT OF THE HOTS QUESTIONS DEVELOPMENT.....		25
4.1.	Analyzing Stage.....	25
4.2	Designing Stage.....	25
4.3	Developing Stage.....	27
4.4	Implementing Stage.....	38
4.5	Evaluating Stage.....	39
4.6	Conclusion of The Questions Development.....	39
CHAPTER V.....		41
CONCLUSION AND SUGGESTIONS.....		41
5.1	Summary and Conclusion.....	41
5.2	Suggestions.....	41
BIBLIOGRAPHY.....		43
APPENDICES.....		47
Appendix 1: Revised Bloom's Taxonomy with Action Verbs.....		47
Appendix 2: The Example of Reading texts.....		49
□	A descriptive text from “Talk Active Senior High School published by Yudhistira”.....	49
□	A recount text from “Talk Active Senior High School published by Yudhistira”.....	51
□	A narrative text from “Talk Active Senior High School published by Yudhistira”.....	52
□	An analytical exposition from “ESPS English grade 11 published by Erlangga”.....	53
□	An analytical exposition from "Bahasa Inggris" grade XI published by Ministry of Education and Culture.....	55
□	A procedure text from “Bahasa Inggris” grade 12 published by Ministry Education and Culture 2018 edition.....	56
Appendix 3: English Syllabus for Senior High Schools.....		60
Appendix 4: Reading Comprehension Original.....		71
Appendix 5: Reading Comprehension Revision.....		76
Appendix 6: HOTS Reading Comprehension Questions.....		79
Appendix 7: Table Scores.....		87

TABLE OF FIGURE

Figure 2. 1 Original Bloom's taxonomy vs Revised Bloom's Taxonomy.....	13
--	----

TABLE OF TABLE

Table 2. 1 The Descriptions of three HOTS levels.....	14
Table 2. 2 Text Genres for Grade X.....	17
Table 2. 3 Text Genres for Grade XI.....	18
Table 2. 4 Text Genre for Grade XII.....	19
Table 3. 1 Parameters.....	23
Table 3. 2 Test Blue Print.....	23
Table 4. 1 Parameters.....	26
Table 4. 2 Test Blue Print.....	26
Table 4. 3 Details of the Reading Texts.....	26

ABSTRACT

Hermansah, F. N. (2022). *Developing Higher-Order Thinking Skills Reading Comprehension Questions for Senior High School Students*. S-1 Thesis. English Education Study Program Faculty of Teacher Training and Education, Widya Mandala Catholic University, Surabaya, 2022.

Advisor: Dra. Agnes Santi W., M.Pd.

This research is developmental research aims at developing Higher-Order Thinking Skills (HOTS) reading comprehension questions for senior high school students. This is inline with the national educational goal which is to increase the nation competitiveness in the global era in manipulating in Higher-Order Thinking Skills in the global communication. This research is supported by the theory that HOTS questions enable students to think critically (Richards, 2006).

In this developmental research, the writer applied the ADDIE model of instructional design in the process of creating the HOTS reading comprehension questions. Two authentic analytical exposition texts and two authentic explanation texts are used as the reading materials. Twenty five multiple-choice questions of the Analyzing, Evaluating, and Creating levels of the cognitive domain of the Revised Bloom's Taxonomy (RBT) are developed. The writer has decided to use three options for each question.

A blue print is used as the basis for the questions development to ensure the content validity of the questions. Fifteen students did the test (reading exercise), and their answers were scored using the answer prepared by the writer. K-R21 was applied to examine the reliability coefficient and the r is 0.68. This is considered as a high reliability.

The writer expects that this research would give beneficial insights for teachers and reading material developers that providing HOTS questions are important for students, and that multiple-choice question type can be used. Hence, the writer also expects that other researchers will develop other types of questions to measure the Higher-Order Thinking Skills of the students.

Keywords: reading comprehension questions, Higher-Order Thinking Skills.