

APPENDICES

Appendix 1: Table of Population

Grade	Active	Leave	Inactive	Total
2024	86		8	94
2023	94	2	18	114

Appendix 2: Table of Blueprint Morphological Awareness

No	Instrument	Indicators	Construct Specification	Types	Item Numbers	Score
1	Morphological Identification Test (MIT)	Awareness of Structure	The students can identify, break down, analysis structure of morphemes	Multiple choice	1-10	10
2	Judgement and Analogy Test	Awareness of Meaning	The students can understand the meaning of a morpheme	Multiple Choice	11-20	10
3	Morphological Structure Awareness Test (MSAT)	Awareness of productivity	The students can produce and manipulate the structure of a morpheme	Open-ended	21-30	10

Appendix 3: Morphological Awareness Test

Name:			
NIM:			
Class:			
No	Morphological Identification Test	Judgement and Analogy Test	Morphological Awareness Structure Test
	Instruction	Instruction	Instruction
	Read each word below. Identify and break down the word into its constituent morphemes (root, prefix, suffix). Write down the number of morphemes and their components	Choose the most appropriate answer to complete the words and sentences based on your understanding	Write your answers in the spaces provided. For questions 1–5, change the word in brackets to the correct form so that the sentence is correct and makes sense. For questions 6–10, look at the pattern in the first pair of words, then write the correct word to complete the second pair
	Question	Question	Question
1	How many morphemes are there in the word 'unbelievable'? a. 2 morphemes b. 3 morphemes c. 4 morphemes d. 5 morphemes	The lecturer explained the theory with great ... a. clearly b. clearer c. clarity d. clearing	The _____ of the economy is a key indicator of national prosperity. (grow) Answer: _____
2	Look at the word 'reorganisation'. Which of the following options represents the correct morpheme division? a. reorganize + ation b. re + organization c. re + organ + ize + ation d. re + organize + ation	The ... of the new policy was felt across the university. a. implemented b. implementing c. implementation d. implements	The study aims to _____ the data using a statistical method. (analysis) Answer: _____
3	How many morphemes are there in the word 'teacher'? a. 1 morpheme b. 2 morphemes c. 3 morphemes d. 4 morphemes	His writing is very ...; it is free from any structural errors. a. systematically b. systematic c. system d. systematize	The professor was impressed by the student's _____ in the research. (original) Answer: _____
4	What is the minimum number of morphemes contained in the word 'antidisestablishment'? a. 3 morphemes b. 4 morphemes c. approx. 5 morphemes d. 6 morphemes	create → creative : act → ... a. active b. action c. activity d. actor	The two theories are fundamentally _____ in their approach. (differ) Answer: _____
5	The word 'cats' consists of ... a. 1 morpheme b. 2 morphemes c. 3 morphemes	beauty → beautify : class → ... a. classic b. classify	The _____ was rejected by the academic committee due to insufficient evidence. (offers)

	d. 4 morphemes	c. classical d. classy	Answer: _____
6	Which option shows the correct morpheme segmentation for the word 'nationalisation'? a. nation + al + ize + ation b. national + ization c. nation + alization d. natio + nal + ization	biology → biologist : psychology → ... a. psychological b. psychologist c. psychologize d. psyche	sing → singer house → _____ Answer: _____
7	The word 'run' has ... morphemes a. 0 morphemes b. 1 morpheme c. 2 morphemes d. 3 morphemes	The root of the word 'sign' forms a word meaning 'something that indicates the presence of something else', namely ... a. signing b. significant c. signature d. signal	industrial → industrialize modern → _____ Answer: _____
8	Which is the correct option for the morphemes that make up the word 'independence'? a. in + dependence b. inde + pend + ence c. in + depend + ence d. independ + ence	The root of the word 'govern' forms a word meaning 'the act or process of governing', namely ... a. governor b. governmental c. governance d. governing	computer → computerize drama → _____ Answer: _____
9	How many morphemes are there in the word 'misunderstood'? a. 2 morphemes b. 3 morphemes c. 4 morphemes d. 5 morphemes	The root of the word 'differ' forms a word meaning 'a difference in quality', namely ... a. different b. differently c. difference d. differentiate	wide → widen sharp → _____ Answer: _____
10	The word 'unquestionably' has the most morphemes of the following options. Which is the correct option? a. un + question + ably b. un + question + able + ly c. unquestion + able + ly d. a + question + able	The root of the word 'rely' forms a word meaning 'reliable', namely ... a. reliability b. connecting c. reliable d. reliably	permit → permission admit → _____ Answer: _____

Appendix 4: Key Answer of Pilot

No	Key Answers	No	Key Answers	No	Key Answers
Q1	B	Q11	C	Q21	Growth
Q2	C	Q12	C	Q22	Analyse
Q3	B	Q13	B	Q23	Originality
Q4	B	Q14	A	Q24	Different
Q5	B	Q15	B	Q25	Offer
Q6	A	Q16	B	Q26	Provider
Q7	B	Q17	D	Q27	Modernize
Q8	C	Q18	C	Q28	Dramatize
Q9	B	Q19	C	Q29	Sharpen
Q10	B	Q20	C	Q30	Admission

Appendix 5: The Real Key Answer

No	Key Answers	No	Key Answers	No	Key Answers
Q1	B	Q10	C	Q19	Offer
Q2	C	Q11	B	Q20	Modernize
Q3	B	Q12	D	Q21	Dramatize
Q4	B	Q13	C	Q22	Sharpen
Q5	A	Q14	C	Q23	Admission
Q6	B	Q15	Growth		
Q7	C	Q16	Analyse		
Q8	B	Q17	Originality		
Q9	B	Q18	Different		

Appendix 6: The Table of Interpretation Validity

df = (N-2)	Tingkat signifikansi untuk uji satu arah				
	0.05	0.025	0.01	0.005	0.0005
	Tingkat signifikansi untuk uji dua arah				
	0.1	0.05	0.02	0.01	0.001
1	0.9877	0.9969	0.9995	0.9999	1.0000
2	0.9000	0.9500	0.9800	0.9900	0.9990
3	0.8054	0.8783	0.9343	0.9587	0.9911
4	0.7293	0.8114	0.8822	0.9172	0.9741
5	0.6694	0.7545	0.8329	0.8745	0.9509
6	0.6215	0.7067	0.7887	0.8343	0.9249
7	0.5822	0.6664	0.7498	0.7977	0.8983
8	0.5494	0.6319	0.7155	0.7646	0.8721
9	0.5214	0.6021	0.6851	0.7348	0.8470
10	0.4973	0.5760	0.6581	0.7079	0.8233
11	0.4762	0.5529	0.6339	0.6835	0.8010
12	0.4575	0.5324	0.6120	0.6614	0.7800
13	0.4409	0.5140	0.5923	0.6411	0.7604

df = (N-2)	Tingkat signifikansi untuk uji satu arah				
	0.05	0.025	0.01	0.005	0.0005
	Tingkat signifikansi untuk uji dua arah				
	0.1	0.05	0.02	0.01	0.001
14	0.4259	0.4973	0.5742	0.6226	0.7419
15	0.4124	0.4821	0.5577	0.6055	0.7247
16	0.4000	0.4683	0.5425	0.5897	0.7084
17	0.3887	0.4555	0.5285	0.5751	0.6932
18	0.3783	0.4438	0.5155	0.5614	0.6788
19	0.3687	0.4329	0.5034	0.5487	0.6652
20	0.3598	0.4227	0.4921	0.5368	0.6524
21	0.3515	0.4132	0.4815	0.5256	0.6402
22	0.3438	0.4044	0.4716	0.5151	0.6287
23	0.3365	0.3961	0.4622	0.5052	0.6178
24	0.3297	0.3882	0.4534	0.4958	0.6074
25	0.3233	0.3809	0.4451	0.4869	0.5974
26	0.3172	0.3739	0.4372	0.4785	0.5880
27	0.3115	0.3673	0.4297	0.4705	0.5790
28	0.3061	0.3610	0.4226	0.4629	0.5703
29	0.3009	0.3550	0.4158	0.4556	0.5620
30	0.2960	0.3494	0.4093	0.4487	0.5541
31	0.2913	0.3440	0.4032	0.4421	0.5465
32	0.2869	0.3388	0.3972	0.4357	0.5392
33	0.2826	0.3338	0.3916	0.4296	0.5322
34	0.2785	0.3291	0.3862	0.4238	0.5254
35	0.2746	0.3246	0.3810	0.4182	0.5189
36	0.2709	0.3202	0.3760	0.4128	0.5126
37	0.2673	0.3160	0.3712	0.4076	0.5066

Appendix 7: The Result of Validity Test

		Ecuador										El Salvador										Guatemala										Honduras										Nicaragua										Panama										Paraguay										Peru										Uruguay										Venezuela																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1	Population	15,120,000	15,250,000	15,380,000	15,510,000	15,640,000	15,770,000	15,900,000	16,030,000	16,160,000	16,290,000	16,420,000	16,550,000	16,680,000	16,810,000	16,940,000	17,070,000	17,200,000	17,330,000	17,460,000	17,590,000	17,720,000	17,850,000	17,980,000	18,110,000	18,240,000	18,370,000	18,500,000	18,630,000	18,760,000	18,890,000	19,020,000	19,150,000	19,280,000	19,410,000	19,540,000	19,670,000	19,800,000	19,930,000	20,060,000	20,190,000	20,320,000	20,450,000	20,580,000	20,710,000	20,840,000	20,970,000	21,100,000	21,230,000	21,360,000	21,490,000	21,620,000	21,750,000	21,880,000	22,010,000	22,140,000	22,270,000	22,400,000	22,530,000	22,660,000	22,790,000	22,920,000	23,050,000	23,180,000	23,310,000	23,440,000	23,570,000	23,700,000	23,830,000	23,960,000	24,090,000	24,220,000	24,350,000	24,480,000	24,610,000	24,740,000	24,870,000	25,000,000	25,130,000	25,260,000	25,390,000	25,520,000	25,650,000	25,780,000	25,910,000	26,040,000	26,170,000	26,300,000	26,430,000	26,560,000	26,690,000	26,820,000	26,950,000	27,080,000	27,210,000	27,340,000	27,470,000	27,600,000	27,730,000	27,860,000	27,990,000	28,120,000	28,250,000	28,380,000	28,510,000	28,640,000	28,770,000	28,900,000	29,030,000	29,160,000	29,290,000	29,420,000	29,550,000	29,680,000	29,810,000	29,940,000	30,070,000	30,200,000	30,330,000	30,460,000	30,590,000	30,720,000	30,850,000	30,980,000	31,110,000	31,240,000	31,370,000	31,500,000	31,630,000	31,760,000	31,890,000	32,020,000	32,150,000	32,280,000	32,410,000	32,540,000	32,670,000	32,800,000	32,930,000	33,060,000	33,190,000	33,320,000	33,450,000	33,580,000	33,710,000	33,840,000	33,970,000	34,100,000	34,230,000	34,360,000	34,490,000	34,620,000	34,750,000	34,880,000	35,010,000	35,140,000	35,270,000	35,400,000	35,530,000	35,660,000	35,790,000	35,920,000	36,050,000	36,180,000	36,310,000	36,440,000	36,570,000	36,700,000	36,830,000	36,960,000	37,090,000	37,220,000	37,350,000	37,480,000	37,610,000	37,740,000	37,870,000	38,000,000	38,130,000	38,260,000	38,390,000	38,520,000	38,650,000	38,780,000	38,910,000	39,040,000	39,170,000	39,300,000	39,430,000	39,560,000	39,690,000	39,820,000	39,950,000	40,080,000	40,210,000	40,340,000	40,470,000	40,600,000	40,730,000	40,860,000	40,990,000	41,120,000	41,250,000	41,380,000	41,510,000	41,640,000	41,770,000	41,900,000	42,030,000	42,160,000	42,290,000	42,420,000	42,550,000	42,680,000	42,810,000	42,940,000	43,070,000	43,200,000	43,330,000	43,460,000	43,590,000	43,720,000	43,850,000	43,980,000	44,110,000	44,240,000	44,370,000	44,500,000	44,630,000	44,760,000	44,890,000	45,020,000	45,150,000	45,280,000	45,410,000	45,540,000	45,670,000	45,800,000	45,930,000	46,060,000	46,190,000	46,320,000	46,450,000	46,580,000	46,710,000	46,840,000	46,970,000	47,100,000	47,230,000	47,360,000	47,490,000	47,620,000	47,750,000	47,880,000	48,010,000	48,140,000	48,270,000	48,400,000	48,530,000	48,660,000	48,790,000	48,920,000	49,050,000	49,180,000	49,310,000	49,440,000	49,570,000	49,700,000	49,830,000	49,960,000	50,090,000	50,220,000	50,350,000	50,480,000	50,610,000	50,740,000	50,870,000	51,000,000	51,130,000	51,260,000	51,390,000	51,520,000	51,650,000	51,780,000	51,910,000	52,040,000	52,170,000	52,300,000	52,430,000	52,560,000	52,690,000	52,820,000	52,950,000	53,080,000	53,210,000	53,340,000	53,470,000	53,600,000	53,730,000	53,860,000	53,990,000	54,120,000	54,250,000	54,380,000	54,510,000	54,640,000	54,770,000	54,900,000	55,030,000	55,160,000	55,290,000	55,420,000	55,550,000	55,680,000	55,810,000	55,940,000	56,070,000	56,200,000	56,330,000	56,460,000	56,590,000	56,720,000	56,850,000	56,980,000	57,110,000	57,240,000	57,370,000	57,500,000	57,630,000	57,760,000	57,890,000	58,020,000	58,150,000	58,280,000	58,410,000	58,540,000	58,670,000	58,800,000	58,930,000	59,060,000	59,190,000	59,320,000	59,450,000	59,580,000	59,710,000	59,840,000	59,970,000	60,100,000	60,230,000	60,360,000	60,490,000	60,620,000	60,750,000	60,880,000	61,010,000	61,140,000	61,270,000	61,400,000	61,530,000	61,660,000	61,790,000	61,920,000	62,050,000	62,180,000	62,310,000	62,440,000	62,570,000	62,700,000	62,830,000	62,960,000	63,090,000	63,220,000	63,350,000	63,480,000	63,610,000	63,740,000	63,870,000	64,000,000	64,130,000	64,260,000	64,390,000	64,520,000	64,650,000	64,780,000	64,910,000	65,040,000	65,170,000	65,300,000	65,430,000	65,560,000	65,690,000	65,820,000	65,950,000	66,080,000	66,210,000	66,340,000	66,470,000	66,600,000	66,730,000	66,860,000	66,990,000	67,120,000	67,250,000	67,380,000	67,510,000	67,640,000	67,770,000	67,900,000	68,030,000	68,160,000	68,290,000	68,420,000	68,550,000	68,680,000	68,810,000	68,940,000	69,070,000	69,200,000	69,330,000	69,460,000	69,590,000	69,720,000	69,850,000	69,980,000	70,110,000	70,240,000	70,370,000	70,500,000	70,630,000	70,760,000	70,890,000	71,020,000	71,150,000	71,280,000	71,410,000	71,540,000	71,670,000	71,800,000	71,930,000	72,060,000	72,190,000	72,320,000	72,450,000	72,580,000	72,710,000	72,840,000	72,970,000	73,100,000	73,230,000	73,360,000	73,490,000	73,620,000	73,750,000	73,880,000	74,010,000	74,140,000	74,270,000	74,400,000	74,530,000	74,660,000	74,790,000	74,920,000	75,050,000	75,180,000	75,310,000	75,440,000	75,570,000	75,700,000	75,830,000	75,960,000	76,090,000	76,220,000	76,350,000	76,480,000	76,610,000	76,740,000	76,870,000	77,000,000	77,130,000	77,260,000	77,390,000	77,520,000	77,650,000	77,780,000	77,910,000	78,040,000	78,170,000	78,300,000	78,430,000	78,560,000	78,690,000	78,820,000	78,950,000	79,080,000	79,210,000	79,340,000	79,470,000	79,600,000	79,730,000	79,860,000	79,990,000	80,120,000	80,250,000	80,380,000	80,510,000	80,640,000	80,770,000	80,900,000	81,030,000	81,160,000	81,290,000	81,420,000	81,550,000	81,680,000	81,810,000	81,940,000	82,070,000	82,200,000	82,330,000	82,460,000	82,590,000	82,720,000	82,850,000	82,980,000	83,110,000	83,240,000	83,370,000	83,500,000	83,630,000	83,760,000	83,890,000	84,020,000	84,150,000	84,280,000	84,410,000	84,540,000	84,670,000	84,800,000	84,930,000	85,060,000	85,190,000	85,320,000	85,450,000	85,580,000	85,710,000	85,840,000	85,970,000	86,100,000	86,230,000	86,360,000	86,490,000	86,620,000	86,750,000	86,880,000	87,010,000	87,140,000	87,270,000	87,400,000	87,530,000	87,660,000	87,790,000	87,920,000	88,050,000	88,180,000	88,310,000	88,440,000	88,570,000	88,700,000	88,830,000	88,960,000	89,090,000	89,220,000	89,350,000	89,480,000	89,610,000	89,740,000	89,870,000	90,000,000	90,130,000	90,260,000	90,390,000	90,520,000	90,650,000	90,780,000	90,910,000	91,040,000	91,170,000	91,300,000	91,430,000	91,560,000	91,690,000	91,820,000	91,950,000	92,080,000	92,210,000	92,340,000	92,470,000	92,600,000	92,730,000	92,860,000	92,990,000	93,120,000	93,250,000	93,380,000	93,510,000	93,640,000	93,770,000	93,900,000	94,030,000	94,160,000	94,290,000	94,420,000	94,550,000	94,680,000	94,810,000	94,940,000	95,070,000	95,200,000	95,330,000	95,460,000	95,590,000	95,720,000	95,850,000	95,980,000	96,110,000	96,240,000	96,370,000	96,500,000	96,630,000	96,760,000	96,890,000	97,020,000	97,150,000	97,280,000	97,410,000	97,540,000	97,670,000	97,800,000	97,930,000	98,060,000	98,190,000	98,320,000	98,450,000	98,580,000	98,710,000	98,840,000	98,970,000	99,100,000	99,230,000	99,360,000	99,490,000	99,620,000	99,750,000	99,880,000	100,010,000	100,140,000	100,270,000	100,400,000	100,530,000	100,660,000	100,790,000	100,920,000	101,050,000	101,180,000	101,310,000	101,440,000	101,570,000	101,700,000	101,830,000	101,960,000	102,090,000	102,220,000	102,350,000	102,480,000	102,610,000	102,740,000	102,870,000	103,000,000	103,130,000	103,260,000	103,390,000	103,520,000	103,650,000	103,780,000	103,910,000	104,040,000	104,170,000	104,300,000	104,430,000	104,560,000	104,690,000	104,820,000	104,950,000	105,080,000	105,210,000	105,340,000	105,470,000	105,600,000	105,730,000	105,860,000	105,990,000	106,120,000	106,250,000	106,380,000	106,510,000	106,640,000	106,770,000	106,900,000	107,030,000	107,160,000	107,290,000	107,420,000	107,550,000	107,680,000	107,810,000	107,940,000	108,070,000	108,200,000	108,330,000	108,460,000	108,590,000	108,720,000	108,850,000	108,980,000	109,110,000	109,240,000	109,370,000	109,500,000	109,630,000	109,760,000	109,890,000	110,020,000	110,150,000	110,280,000	110,410,000	110,540,000	110,670,000	110,800,000	110,930,000	111,060,000	111,190,000	111,320,000	111,450,000	111,580,000	111,710,000	111,840,000	111,970,000	112,100,000	112,230,000	112,360,000	112,490,000	112,620,000	112,750,000	112,880,000	113,010,000	113,140,000	113,270,000	113,

Appendix 8: The Result of Reliability Test

Reliability Statistics	
Cronbach's Alpha	N of Items
.805	23

Appendix 9: Table of Interpretation Reliability

No	Cronbach Alpha	Internal Consistency
1	>0.90	Very High Reliable
2	0.80 - 0.89	Highly Reliable
3	0.70 – 0.79	Reliable
4	0.60 – 0.69	Minimal Reliable
5	<0.06	Unacceptable

No	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Q21	Q22	Q23	Total
R46	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	11
R47	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	1	1	1	1	11
R48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	9
R49	0	0	0	0	1	0	1	0	0	1	1	0	0	0	1	1	1	1	1	1	1	1	1	13
R50	0	1	0	0	1	0	1	0	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	13
R51	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	10
R52	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	11
R53	0	1	0	0	1	0	1	0	1	0	1	0	0	0	1	1	1	1	1	1	1	1	1	14
R54	0	0	0	0	1	0	1	1	0	0	1	0	0	0	1	1	1	1	1	0	1	1	1	12
R55	0	0	0	1	0	0	1	0	1	0	1	0	1	0	1	1	1	1	1	1	0	1	1	13
R56	0	1	1	0	0	0	0	1	0	0	0	1	0	0	1	1	0	1	1	1	0	1	1	11
R57	0	0	0	1	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	0	1	1	11
R58	0	0	0	0	0	0	1	1	0	0	1	0	0	0	1	1	1	1	1	1	0	1	1	11
R59	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	1	1	0	1	1	10
R60	1	1	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	13
R61	1	1	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	13
R62	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	1	1	1	1	1	0	1	1	10
R63	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	1	1	0	1	1	0	1	1	12
R64	0	0	0	1	1	0	1	0	0	0	1	0	0	0	1	1	1	1	1	1	0	1	1	12
R65	0	1	0	1	1	0	1	0	0	0	0	0	1	0	1	1	1	1	1	1	0	1	1	13
R66	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	11
R67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1	1	8
R68	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	12
R69	0	0	0	0	1	0	0	1	1	0	0	0	0	1	1	1	1	1	1	1	0	1	1	12
R70	0	0	1	0	0	0	0	1	0	1	0	0	0	0	1	1	1	1	1	1	0	1	1	11
R71	0	0	1	1	1	0	0	1	1	0	1	0	1	1	1	1	1	1	1	1	0	1	1	16
R72	0	0	1	1	1	0	0	0	0	0	1	1	1	0	1	1	0	1	1	0	0	1	1	12
R73	1	0	0	1	1	0	1	1	0	0	0	0	0	0	1	0	0	1	0	0	0	1	1	9
R74	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	1	1	7
R75	0	1	1	0	1	0	0	0	0	0	1	0	0	1	0	0	0	1	1	0	0	1	1	9
R76	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	1	0	0	1	1	6
R77	0	0	0	0	1	0	1	1	0	0	0	0	0	0	1	0	1	1	1	0	0	1	1	9
R78	0	0	0	1	1	0	1	0	0	0	1	0	0	1	1	0	1	1	0	1	1	1	1	12
R79	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0	0	0	1	1	0	0	1	1	8
R80	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	1	1	0	0	1	0	5

Appendix 11: The Blueprint of Lexical Richness

Instrument	Indicators	Construct Specification	Output
Lexical Complexity Analyzer-Academic Writing (LCA-AW)	Lexical Diversity	The ratio of the number of unique word types to the total number of words (type-token ratio) in a text. Measures the variety of vocabulary used.	Index
	Lexical sophistication	The proportion of words classified as rare or advanced (low-frequency) in the text, such as those on the Academic Word List or words outside the high-frequency list.	
	Lexical Density	The proportion of content words (nouns, verbs, adjectives, adverbs) relative to the total number of words in the text. Measures how information-dense the text is.	

Appendix 12: The Score of Lexical Richness

No	Lexical Diversity	Lexical Density	Lexical Sophistication	No	Lexical Diversity	Lexical Density	Lexical Sophistication
R1	0,491	0,67	0,521	R41	0,186	0,666	0,531
R2	0,387	0,623	0,342	R42	0,561	0,698	0,571
R3	0,515	0,648	0,449	R43	0,588	0,719	0,643
R4	0,56	0,68	0,471	R44	0,159	0,66	0,569
R5	0,356	0,629	0,309	R45	0,556	0,693	0,635
R6	0,536	0,69	0,391	R46	0,205	0,715	0,647
R7	0,427	0,669	0,354	R47	0,606	0,674	0,658
R8	0,528	0,662	0,391	R48	0,189	0,698	0,624
R9	0,434	0,649	0,317	R49	0,273	0,729	0,67
R10	0,438	0,677	0,348	R50	0,244	0,691	0,624
R11	0,333	0,615	0,6	R51	0,185	0,682	0,649
R12	0,306	0,613	0,396	R52	0,214	0,7	0,63
R13	0,46	0,669	0,37	R53	0,532	0,899	0,613
R14	0,435	0,659	0,55	R54	0,199	0,706	0,557
R15	0,408	0,664	0,283	R55	0,212	0,703	0,613
R16	0,5	0,656	0,376	R56	0,209	0,704	0,607
R17	0,36	0,648	0,501	R57	0,143	0,677	0,589
R18	0,372	0,649	0,516	R58	0,262	0,759	0,7
R19	0,394	0,684	0,436	R59	0,271	0,714	0,653
R20	0,431	0,6	0,343	R60	0,285	0,697	0,616
R21	0,498	0,643	0,394	R61	0,156	0,702	0,57
R22	0,328	0,659	0,509	R62	0,497	0,7	0,55
R23	0,379	0,575	0,37	R63	0,303	0,719	0,682
R24	0,318	0,647	0,455	R64	0,171	0,714	0,6

No	Lexical Diversity	Lexical Density	Lexical Sophistication	No	Lexical Diversity	Lexical Density	Lexical Sophistication
R25	0,431	0,588	0,291	R65	0,172	0,702	0,646
R26	0,359	0,669	0,355	R66	0,144	0,695	0,634
R27	0,642	0,698	0,342	R67	0,281	0,752	0,605
R28	0,359	0,665	0,538	R68	0,256	0,731	0,574
R29	0,282	0,609	0,551	R69	0,187	0,718	0,505
R30	0,566	0,601	0,294	R70	0,217	0,708	0,582
R31	0,508	0,639	0,435	R71	0,224	0,709	0,584
R32	0,45	0,684	0,472	R72	0,493	0,691	0,571
R33	0,425	0,674	0,382	R73	0,501	0,688	0,57
R34	0,306	0,613	0,396	R74	0,276	0,706	0,547
R35	0,57	0,641	0,317	R75	0,489	0,665	0,624
R36	0,662	0,69	0,359	R76	0,496	0,633	0,6
R37	0,446	0,685	0,366	R77	0,567	0,661	0,612
R38	0,377	0,715	0,298	R78	0,298	0,705	0,654
R39	0,468	0,618	0,443	R79	0,296	0,674	0,62
R40	0,379	0,661	0,551	R80	0,254	0,701	0,704

Appendix 13: The Interpretation of Correlation

Coefficient Correlation	Category
0.00 – 0.199	Very Low Correlation
0.20 – 0.399	Low Correlation
0.40 – 0.599	Moderate Correlation
0.60 – 0.799	Strong Correlation
0.80 – 1.000	Very Strong Correlation

Appendix 14: The Descriptive of Morphological Awareness

Descriptive Statistics						
	N Statistic	Minimum Statistic	Maximum Statistic	Mean Statistic Std. Error		Std. Deviation Statistic
Total_Morphological_Awareness	80	5	23	13.36	.517	4.629
Valid N (listwise)	80					

Appendix 15: The Descriptive of Lexical Diversity

Descriptive Statistics					
	N	Minimum	Maximum	Mean	Std. Deviation
Lexical_Diversity	80	.143	.662	.37226	.138155
Valid N (listwise)	80				

Appendix 16: The Descriptive of Lexical Density

Descriptive Statistics

	N Statistic	Minimum Statistic	Maximum Statistic	Mean Statistic	Std. Error	Std. Deviation Statistic
Lexical_Density	80	.575	.899	.67733	.005008	.044793
Valid N (listwise)	80					

Appendix 17: The Descriptive of Lexical Sophistication

Descriptive Statistics

	N Statistic	Minimum Statistic	Maximum Statistic	Mean Statistic	Std. Error	Std. Deviation Statistic
Lexical_Sophistication	80	.283	.704	.51019	.013630	.121915
Valid N (listwise)	80					

Appendix 18: The Hypothesis Test of Morphological Awareness and Lexical Diversity

Correlations

			Total_Morphol ogical_Awaren ess	Lexical_Diversi ty
Spearman's rho	Total_Morphological_Awar eness	Correlation Coefficient	1.000	.110
		Sig. (1-tailed)	.	.165
		N	80	80
	Lexical_Diversity	Correlation Coefficient	.110	1.000
		Sig. (1-tailed)	.165	.
		N	80	80

Appendix 19: The Hypothesis Test of Morphological Awareness and Lexical Density

Correlations

			Total_Morphol ogical_Awaren ess	Lexical_Densit y
Spearman's rho	Total_Morphological_Awar eness	Correlation Coefficient	1.000	-.328**
		Sig. (1-tailed)	.	.001
		N	80	80
	Lexical_Density	Correlation Coefficient	-.328**	1.000
		Sig. (1-tailed)	.001	.
		N	80	80

** . Correlation is significant at the 0.01 level (1-tailed).

Appendix 20: The Hypothesis Test of Morphological Awareness and Lexical Sophistication

Correlations

		Total_Morphological_Awareness		Lexical_Sophistication
Spearman's rho	Total_Morphological_Awareness	Correlation Coefficient	1.000	-.328**
		Sig. (1-tailed)	.	.002
		N	80	80
	Lexical_Sophistication	Correlation Coefficient	-.328**	1.000
		Sig. (1-tailed)	.002	.
		N	80	80

** . Correlation is significant at the 0.01 level (1-tailed).

Appendix 21: Curriculum Vitae



The author's full name is Muhammad Ainul Yaqin; he was born in Gresik on 12 June 2002. He lives in Sumberwaru Village, Wringinanom Sub-district, Gresik Regency. He is the eldest of two siblings.

The author attended MTS Mambaus Sholihin from 2015 to 2018, MA Mambaus Sholihin from 2018 to 2021, and is currently studying at UIN Syekh Wasil Kediri 2022 to present.