APPENDICES

APPENDIX A

Core vocabulary in CET 4

No.	words	No.	words	No.	words	No.	words	No.	words
1	abandon	41	adjust	81	aluminum	121	approve	161	attorney
2	ability	42	admire	82	amateur	122	approximate	162	attract
3	aboard	43	admission	83	amaze	123	arbitrary	163	attraction
4	absent	44	admit	84	ambition	124	architect	164	attractive
5	absolute	45	adopt	85	ambulance	125	argue	165	attribute
6	absorb	46	advance	86	amid	126	argument	166	audience
7	abstract	47	advanced	87	amount	127	arise	167	authority
8	abundant	48	advantage	88	amuse	128	arouse	168	automatic
9	abuse	49	adventure	89	analysis	129	arrange	169	auxiliary
10	academy	50	advertise	90	analyze	130	arrangement	170	available
11	accelerate	51	advertisement	91	ancestor	131	arrest	171	avenue
12	accent	52	advisable	92	anchor	132	arrival	172	average
13	acceptance	53	advise	93	ancient	133	artificial	173	avoid
14	access	54	advocate	94	anniversary	134	artistic	174	await
15	accidental	55	affect	95	announce	135	ashamed	175	awake
16	accommodate	56	affection	96	annoy	136	aside	176	award
17	accompany	57	afford	97	annual	137	aspect	177	aware
18	accomplish	58	agency	98	anticipate	138	assemble	178	awful
19	accord	59	agenda	99	antique	139	assembly	179	awkward
20	accordance	60	agent	100	anxiety	140	assess	180	badly
21	accordingly	61	aggressive	101	anyhow	141	asset	181	baggage
22	account	62	agree	102	anyway	142	assign	182	bake
23	accumulate	63	agreement	103	apart	143	assignment	183	balance
24	accurate	64	aim	104	apologize	144	assist	184	bankrupt
25	accuse	65	aircraft	105	apology	145	assistance	185	banner
26	accustomed	66	airline	106	apparent	146	associate	186	bare
27	achieve	67	alarm	107	appeal	147	association	187	bargain
28	achievement	68	alert	108	appear	148	assume	188	barrel
29	acknowledge	69	alike	109	appearance	149	assumption	189	barrier
30	acquaintance	70	alive	110	appetite	150	assure	190	basically
31	acquire	71	alliance	111	applause	151	astonish	191	basis
32	acquisition	72	allow	112	appliance	152	atmosphere	192	bathe
33	activity	73	allowance	113	applicable	153	atomic	193	battery
34	actual	74	ally	114	application	154	attach	194	bearing
35	acute	75	alongside	115	apply	155	attack	195	behalf
36	adapt	76	alphabet	116	appoint	156	attain	196	behave
37	addition	77	alter	117	appointment	157	attempt	197	belief
38	additional	78	alternative	118	appreciate	158	attend	198	believe
39	address	79	altitude	119	approach	159	attention	199	belong
40	adequate	80	altogether	120	appropriate	160	attitude	200	beloved

No.	words	No.	words	No.	words	No.	words	No.	words
201	bend	241	burst	281	circuit	321	commitment	361	conference
202	beneath	242	busy	282	circulate	322	common	362	confess
203	beneficial	243	calculate	283	circumstance	323	communicate	363	confidence
204	benefit	244	calm	284	cite	324	communication	364	confident
205	beyond	245	camp	285	civil	325	community	365	confine
206	bid	246	campaign	286	civilian	326	companion	366	confirm
207	bind	247	cancel	287	civilize	327	company	367	conflict
208	blade	248	candidate	288	claim	328	comparable	368	confront
209	blame	249	capable	289	clarify	329	comparative	369	confuse
210	blast	250	capacity	290	clash	330	compare	370	congress
211	bleed	251	capture	291	classic	331	compass	371	conjunction
212	blend	252	case	292	classical	332	compel	372	connect
213	bloody	253	cash	293	classification	333	compete	373	conquer
214	bloom	254	casual	294	classify	334	competent	374	conquest
215	boast	255	catalogue	295	clause	335	competition	375	conscience
216	boil	256	category	296	click	336	competitive	376	conscious
217	bold	257	cautious	297	client	337	complain	377	consent
218	bolt	258	cease	298	climate	338	complete	378	consequence
219	bomb	259	celebrate	299	clue	339	complex	379	consequently
220	bond	260	cement	300	clumsy	340	complicate	380	conservation
221	boom	261	certify	301	coach	341	component	381	conservative
222	boost	262	chain	302	coarse	342	compose	382	consider
223	border	263	challenge	303	code	343	compound	383	considerable
224	bore	264	chamber	304	coil	344	comprehension	384	considerate
225	boring	265	champion	305	coin	345	comprehensive	385	consideration
226	bottom	266	chaos	306	collapse	346	compress	386	consist
227	bounce	267	characteristic	307	collection	347	comprise	387	consistent
228	bound	268	characterize	308	collision	348	conceal	388	constant
229	boundary	269	charge	309	column	349	concede	389	constitute
230	bow	270	charity	310	comb	350	concentrate	390	construct
231	breed	271	charm	311	combat	351	concept	391	consult
232	breeze	272	chart	312	combination	352	concern	392	consume
233	brief	273	chase	313	combine	353	concerning	393	contact
234	broadcast	274	cheat	314	comedy	354	concession	394	contain
235	broom	275	check	315	comfort	355	conclude	395	contemporary
236	budget	276	chew	316	command	356	concrete	396	content
237	bulk	277	chief	317	comment	357	condemn	397	contest
238	bump	278	chill	318	commerce	358	condense	398	context
239	bundle	279	choke	319	commission	359	condition	399	continual
240	burden	280	chop	320	commit	360	conduct	400	continue

No.	words	No.	words	No.	words	No.	words	No.	words
401	contract	441	cultivate	481	depart	521	display	561	elbow
402	contradiction	442	curiosity	482	dependent	522	disposal	562	elect
403	contrary	443	current	483	deposit	523	dispose	563	electrical
404	contrast	444	curse	484	depress	524	dispute	564	elegant
405	contribute	445	curve	485	depression	525	dissolve	565	elementary
406	contribution	446	cushion	486	deputy	526	distinct	566	eliminate
407	control	447	cycle	487	derive	527	distinguish	567	embarrass
408	controversy	448	damn	488	descend	528	distress	568	embrace
409	convenience	449	dare	489	describe	529	distribute	569	emerge
410	convenient	450	data	490	deserve	530	disturb	570	emergency
411	convention	451	date	491	desirable	531	diverse	571	emit
412	conversely	452	dawn	492	despair	532	divide	572	emotion
413	convert	453	deadline	493	desperate	533	division	573	emphasis
414	convey	454	deal	494	despite	534	divorce	574	employ
415	conviction	455	debate	495	destruction	535	document	575	enable
416	convince	456	debt	496	detail	536	domestic	576	enclose
417	cooperate	457	decay	497	detect	537	dominant	577	encounter
418	coordinate	458	deceive	498	determination	538	dominate	578	encourage
419	cope	459	decent	499	determine	539	donation	579	endure
420	corporation	460	declaration	500	development	540	doubtful	580	enforce
421	correspond	461	decline	501	devise	541	draft	581	engage
422	correspondence	462	decorate	502	devote	542	drain	582	enhance
423	costly	463	decrease	503	dictate	543	dramatic	583	enjoy
424	council	464	defeat	504	differ	544	drift	584	enormous
425	counsel	465	defect	505	digest	545	drip	585	ensure
426	count	466	defend	506	dimension	546	dumb	586	entertain
427	couple	467	define	507	diplomatic	547	dump	587	entireness
428	course	468	definite	508	directly	548	durable	588	entitle
429	crack	469	definitely	509	dirt	549	duration	589	entry
430	craft	470	delegate	510	disappoint	550	dynamic	590	environment
431	crazy	471	delete	511	discharge	551	ease	591	envy
432	create	472	deliberate	512	discipline	552	economic	592	episode
433	credit	473	delicate	513	discount	553	economical	593	equation
434	critical	474	delight	514	discourage	554	edit	594	equip
435	crucial	475	deliver	515	discover	555	effect	595	equivalent
436	crude	476	delivery	516	discuss	556	effective	596	erect
437	cruise	477	demand	517	disguise	557	efficiency	597	essential
438	crush	478	democracy	518	disgust	558	efficient	598	establishment
439	crystal	479	demonstrate	519	dismiss	559	elaborate	599	estimate
440	cue	480	deny	520	disorder	560	elastic	600	evaluate

No.	words	No.	words	No.	words	No.	words	No.	words
601	eventually	641	factor	681	fold	721	gesture	761	hedge
602	evidence	642	faculty	682	fond	722	glance	762	heel
603	evident	643	fade	683	forbid	723	glimpse	763	hesitate
604	evolution	644	fail	684	forecast	724	glow	764	highlight
605	evolve	645	failure	685	fortnight	725	govern	765	horizontal
606	exaggerate	646	faint	686	fortunate	726	grab	766	hostile
607	examine	647	faith	687	found	727	grace	767	hunt
608	exceed	648	faithful	688	fraction	728	gradual	768	ideal
609	exceedingly	649	famine	689	freight	729	graduate	769	identical
610	Exchange	650	fancy	690	freight	730	grant	770	identify
611	exclaim	651	fantastic	691	frequency	731	grasp	771	identity
612	exclude	652	fascinating	692	frequency	732	grateful	772	idle
613	exclusive	653	fashion	693	frequent	733	gratitude	773	ignore
614	excursion	654	fasten	694	frequent	734	gravity	774	illegal
615	execute	655	fatal	695	frown	735	greedy	775	illustrate
616	executive	656	fatigue	696	fruitful	736	greenhouse	776	image
617	exert	657	fatigue	697	frustrate	737	grind	777	imagination
618	exhaust	658	faulty	698	fuel	738	grip	778	imagine
619	exhibit	659	favor	699	fulfill	739	gross	779	imitate
620	existence	660	favorable	700	function	740	guarantee	780	immense
621	exit	661	favorite	701	fund	741	guidance	781	impact
622	expand	662	feasible	702	fundamental	742	guide	782	implement
623	expectation	663	feature	703	furnish	743	guilty	783	implication
624	expense	664	feedback	704	Fuss	744	halt	784	imply
625	expert	665	fertile	705	forge	745	handle	785	import
626	explode	666	fiction	706	forgive	746	handy	786	impose
627	exploit	667	fierce	707	format	747	harbor	787	impress
628	explore	668	figure	708	formula	748	harden	788	improve
629	explosion	669	file	709	gain	749	harm	789	incident
630	export	670	filter	710	gap	750	harmony	790	incline
631	expose	671	finance	711	garbage	751	harness	791	include
632	exposure	672	flame	712	gay	752	harsh	792	increase
633	extend	673	flash	713	gaze	753	haste	793	incredible
634	extent	674	flee	714	gear	754	hatred	794	index
635	exterior	675	flexible	715	gene	755	hazard	795	indicate
636	external	676	flock	716	generate	756	heading	796	indifferent
637	extraordinary	677	flourish	717	generous	757	headline	797	indirect
638	extreme	678	fluent	718	genuine	758	heal	798	indispensable
639	fabric	679	fluid	719	geometry	759	heap	799	individual
640	facility	680	focus	720	germ	760	heave	800	indoor

No.	words	No.	words	No.	words	No.	words	No.	words
801	inevitable	841	interior	881	legislation	921	massive	961	mode
802	infect	842	intermediate	882	leisure	922	master	962	moderate
803	infer	843	internal	883	lest	923	mate	963	modest
804	inferior	844	internet	884	liable	924	mature	964	modify
805	infinite	845	interpret	885	liberal	925	maximum	965	moist
806	inflation	846	interrupt	886	liberate	926	mayor	966	molecule
807	influence	847	interval	887	license	927	means	967	monitor
808	influential	848	interview	888	likely	928	meantime	968	monthly
809	inform	849	intimate	889	likewise	929	measurement	969	mosquito
810	ingredient	850	introduction	890	limitation	930	mechanic	970	mostly
811	inhabitant	851	invade	891	limited	931	mechanism	971	motion
812	inherit	852	invasion	892	literary	932	media	972	motivate
813	initial	853	invest	893	loan	933	medium	973	motive
814	initiative	854	investigate	894	lobby	934	melt	974	mount
815	injure	855	invisible	895	local	935	members	975	mud
816	innocent	856	invitation	896	locate	936	memorial	976	mug
817	input	857	involve	897	location	937	mend	977	multiple
818	insert	858	isolate	898	lodge	938	mental	978	multiply
819	insight	859	issue	899	logic	939	mention	979	mushroom
820	insist	860	jealous	900	loop	940	mercy	980	mutual
821	inspect	861	joint	901	loose	941	mere	981	myth
822	install	862	journal	902	lorry	942	merely	982	naked
823	instance	863	jungle	903	lousing	943	merit	983	namely
824	instant	864	junior	904	lower	944	merry	984	narrow
825	instead	865	justice	905	loyal	945	mess	985	nationality
826	Instinct	866	justify	906	luggage	946	might	986	native
827	institute	867	keen	907	lump	947	mild	987	naturally
828	instruction	868	kindness	908	luxury	948	mingle	988	naval
829	insult	869	label	909	machinery	949	ministry	989	navigation
830	insure	870	lag	910	magnet	950	minor	990	navy
831	integrate	871	landscape	911	magnificent	951	minority	991	necessary
832	intellect	872	largely	912	maintain	952	minus	992	necessity
833	intelligence	873	launch	913	maintenance	953	miracle	993	negotiate
834	intend	874	laundry	914	management	954	mirror	994	neighborhood
835	intense	875	lavatory	915	manual	955	miserable	995	nest
836	intensity	876	layout	916	manufacture	956	mislead	996	network
837	intention	877	leading	917	margin	957	mission	997	neutral
838	interaction	878	leak	918	marine	958	mist	998	nevertheless
839	interest	879	leap	919	marvelous	959	mixture	999	nightmare
840	interfere	880	lease	920	mass	960	mobile	1000	nitrogen

No.	words	No.	words	No.	words	No.	words	No.	words
1201	pursue	1241	reception	1281	remind	1321	restrict	1361	scare
1202	push	1242	recession	1282	remote	1322	resume	1362	scatter
1203	puzzle	1243	reckon	1283	removal	1323	retail	1363	scenery
1204	qualification	1244	recognition	1284	render	1324	retain	1364	schedule
1205	qualify	1245	recommend	1285	renew	1325	retire	1365	scheme
1206	quality	1246	recommendation	1286	rent	1326	retreat	1366	scholarship
1207	quantity	1247	recovery	1287	repeatedly	1327	reveal	1367	scope
1208	queue	1248	recreation	1288	repetition	1328	revenue	1368	scout
1209	quit	1249	recruit	1289	replace	1329	revenue	1369	scrape
1210	quotation	1250	reduction	1290	represent	1330	review	1370	scratch
1211	quote	1251	refer	1291	representative	1331	revise	1371	screw
1212	racial	1252	reference	1292	reproduce	1332	revolt	1372	script
1213	rack	1253	refine	1293	reputation	1333	reward	1373	seal
1214	radiation	1254	reflect	1294	request	1334	reward	1374	second
1215	radical	1255	reform	1295	require	1335	rid	1375	section
1216	rage	1256	refresh	1296	require	1336	ridiculous	1376	sector
1217	raid	1257	refugee	1297	rescue	1337	rigid	1377	secure
1218	rainy	1258	refusal	1298	resemble	1338	rival	1378	security
1219	rally	1259	regarding	1299	reservation	1339	roar	1379	seek
1220	ramble	1260	regardless	1300	reservoir	1340	rob	1380	segment
1221	range	1261	register	1301	residence	1341	roller	1381	selection
1222	rank	1262	regulate	1302	resident	1342	romantic	1382	semester
1223	rare	1263	reinforce	1303	resign	1343	rotate	1383	semiconductor
1224	rate	1264	reject	1304	resist	1344	rotten	1384	seminar
1225	ratio	1265	rejection	1305	resistant	1345	rouse	1385	senior
1226	rational	1266	relate	1306	resolution	1346	routine	1386	sensible
1227	raw	1267	relativity	1307	resolve	1347	rumor	1387	sensitive
1228	react	1268	relax	1308	resort	1348	rural	1388	sequence
1229	reaction	1269	release	1309	resource	1349	rust	1389	session
1230	readily	1270	relevant	1310	respect	1350	sack	1390	setting
1231	realistic	1271	reliable	1311	respectively	1351	sack	1391	sexual
1232	reality	1272	relief	1312	respire	1352	sacrifice	1392	shallow
1233	realm	1273	relieve	1313	respond	1353	safety	1393	shave
1234	rear	1274	religious	1314	response	1354	sake	1394	shed
1235	reasonable	1275	reluctant	1315	responsibility	1355	salesman	1395	sheer
1236	rebel	1276	rely	1316	responsible	1356	sample	1396	shelter
1237	recall	1277	remain	1317	restless	1357	sanction	1397	shield
1238	receipt	1278	remark	1318	restore	1358	satisfactory	1398	shift
1239	receiver	1279	remarkable	1319	restrain	1359	scandal	1399	shiver

No.	words	No.	words	No.	words	No.	words	No.	words
1401	shortly	1441	sorrow	1481	stimulate	1521	superficial	1561	technique
1402	shrink	1442	sour	1482	sting	1522	superior	1562	tedious
1403	shrug	1443	source	1483	stir	1523	supplement	1563	temper
1404	sideways	1444	sow	1484	stock	1524	supply	1564	temporary
1405	signal	1445	spacecraft	1485	stoop	1525	support	1565	temptation
1406	significant	1446	span	1486	storage	1526	suppose	1566	tend
1407	similar	1447	spark	1487	strain	1527	supreme	1567	tendency
1408	simplicity	1448	specialist	1488	strap	1528	surgery	1568	tender
1409	simplify	1449	species	1489	string	1529	surplus	1569	tense
1410	sincerely	1450	specific	1490	strip	1530	surrender	1570	terminal
1411	singular	1451	specify	1491	stripe	1531	surround	1571	terror
1412	site	1452	specimen	1492	stroke	1532	surroundings	1572	textile
1413	situation	1453	spectacular	1493	structure	1533	survey	1573	theme
1414	sketch	1454	sphere	1494	studio	1534	survival	1574	theoretical
1415	skillful	1455	spill	1495	stuff	1535	survive	1575	therapy
1416	skim	1456	spin	1496	style	1536	suspect	1576	thereby
1417	slam	1457	spiritual	1497	subject	1537	suspend	1577	thirst
1418	slap	1458	split	1498	submerge	1538	suspicion	1578	thorough
1419	slender	1459	spoil	1499	submit	1539	sustain	1579	thoughtful
1420	slice	1460	sponsor	1500	substance	1540	swallow	1580	threaten
1421	slide	1461	spray	1501	substantial	1541	sway	1581	thrive
1422	slight	1462	spur	1502	substitute	1542	swear	1582	thrust
1423	slip	1463	squeeze	1503	subtract	1543	sweater	1583	thump
1424	slippery	1464	stable	1504	suburb	1544	sweep	1584	thunder
1425	slope	1465	staff	1505	succeed	1545	swell	1585	tide
1426	smash	1466	stain	1506	succession	1546	swift	1586	tidy
1427	snap	1467	stake	1507	successive	1547	swing	1587	timber
1428	soak	1468	stale	1508	suck	1548	switch	1588	tissue
1429	soar	1469	standpoint	1509	sufficient	1549	symbol	1589	title
1430	social	1470	starve	1510	suggestion	1550	sympathetic	1590	toast
1431	software	1471	static	1511	suicide	1551	sympathize	1591	tolerate
1432	solar	1472	statistic	1512	suit	1552	sympathy	1592	tone
1433	sole	1473	statue	1513	suitable	1553	symptom	1593	topic
1434	solemn	1474	status	1514	summarize	1554	synthetic	1594	torch
1435	solution	1475	steak	1515	summit	1555	systematic	1595	torture
1436	solve	1476	steep	1516	sunlight	1556	tackle	1596	total
1437	somehow	1477	steer	1517	sunrise	1557	tag	1597	tough
1438	somewhat	1478	stem	1518	sunset	1558	talent	1598	trace
1439	sophisticated	1479	sticky	1519	sunshine	1559	target	1599	trade
1440	sore	1480	stiff	1520	superb	1560	tax	1600	tragedy

No.	words	No.	words	No.	words	No.	words	No.	words
1601	trail	1641	uneasy	1681	version	1721	wicked		
1602	transfer	1642	unfortunately	1682	vertical	1722	widen		
1603	transform	1643	unique	1683	veteran	1723	widespread		
1604	translation	1644	unity	1684	via	1724	willing		
1605	transmission	1645	universal	1685	vibrate	1725	wipe		
1606	transmit	1646	universe	1686	vice	1726	withdraw		
1607	transparent	1647	unless	1687	victim	1727	withstand		
1608	transport	1648	unlike	1688	view	1728	witness		
1609	trash	1649	unload	1689	viewpoint	1729	worldwide		
1610	tread	1650	unusual	1690	vigorous	1730	worm		
1611	treatment	1651	upper	1691	violate	1731	worship		
1612	treaty	1652	upright	1692	violence	1732	worth		
1613	tremble	1653	upset	1693	virtual	1733	worthwhile		
1614	tremendous	1654	up-to-date	1694	virtue	1734	worthy		
1615	trend	1655	upward	1695	virus	1735	wound		
1616	triangle	1656	urban	1696	visible	1736	wrap		
1617	trim	1657	urgent	1697	visual	1737	wrap		
1618	triumph	1658	usage	1698	vitamin	1738	wreck		
1619	troop	1659	usage	1699	vivid	1739	yawn		
1620	tropical	1660	utility	1700	voltage	1740	yield		
1621	troublesome	1661	utilize	1701	volume	1741			
1622	truly	1662	utmost	1702	voluntary	1742			
1623	tune	1663	utter	1703	volunteer	1743			
1624	tuner	1664	vacant	1704	vote	1744			
1625	tunnel	1665	vacation	1705	voyage	1745			
1626	turbine	1666	vacuum	1706	wage	1746			
1627	turtle	1667	vague	1707	wake	1747			
1628	tutor	1668	vain	1708	waken	1748			
1629	twin	1669	valid	1709	wander	1749			
1630	twist	1670	valuable	1710	warn	1750			
1631	typical	1671	value	1711	waterproof	1751			
1632	ultimate	1672	vanish	1712	weave	1752			
1633	uncover	1673	variable	1713	weed	1753			
1634	undergo	1674	variation	1714	weep	1754			
1635	undergraduate	1675	variety	1715	weld	1755			
1636	underground	1676	vary	1716	welfare	1756			
1637	underline	1677	vast	1717	whatsoever	1757			
1638	underneath	1678	vehicle	1718	whereas	1758			
1639	undo	1679	venture	1719	whistle	1759			
1640	undoubtedly	1680	verify	1720	wholly	1760			

APPENDIX B

Detailed Samples of screenshots from DIALANG tests

1. Screenshot of the Vocabulary Size Placement Test

2. Screenshot from the Listening test

3. Screenshot from Writing test

◀◀ ◀ ▶ ▶▶ ⑦ 😐 ⌨ | 1 | **◐**DIALANG

ℹ Read the text, and choose one of the options below, then click on the button using the mouse.

Dear Dan,

The sports centre is open (a) at 12 o'clock (b) on Saturdays so I'll meet you (c) on the bus stop (d) at 11 o'clock. See you then.

Rolf

Read the text and decide where (a, b, c or d) there is a grammatical mistake.

○ (a) at 12 o'clock
○ (b) on Saturdays
○ (c) on the bus stop
○ (d) at 11 o'clock

4. Screenshot from the Reading test

◀◀ ◀ ▶ ▶▶ ⑦ ⌨ | 1 | **◐**DIALANG

ℹ Read the text, and choose one of the options below, then click on the button using the mouse.

In South Africa, spring begins in late August and early September. This is a country whose wild flowers are too beautiful to describe. Travelling from near the border with Namibia down towards Cape Town, we make frequent overnight stops, thus keeping journey times short and maximising the time available for wildflower searches and walks. When combined with brilliant sunshine, magnificent scenery and flowers in great numbers and variety, this is a dream tour in a world of flowers.

What is the best title for this text?

○ South Africa's attractive climate
○ Botanical holiday in South Africa
○ South Africa safari
○ Trekking in South Africa

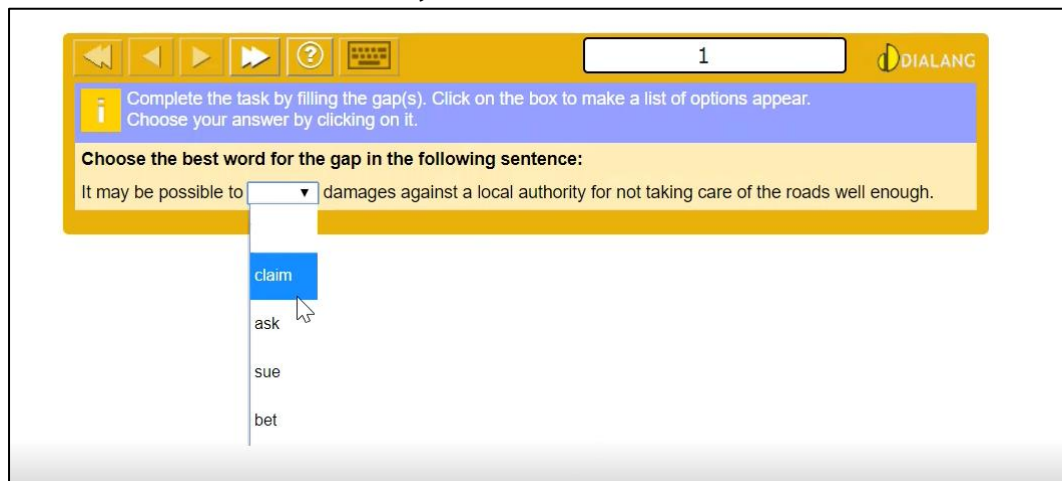### 5. Screenshot from the Structure test

◀◀ ◀ ▶ ▶▶ ⑦ ⌨ | 1 | **◐**DIALANG

ℹ Choose one of the options below, and click on the button using the mouse.

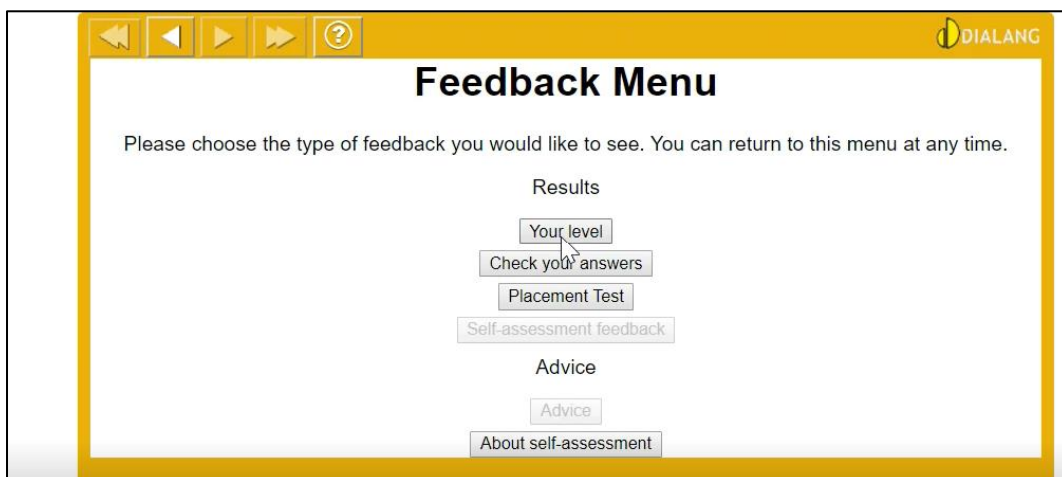**Choose the best answer for the gap (...) in the following sentence:**

She has ... beautiful smile.

○ -
○ the
○ a

6. Screenshot of Vocabulary test

Screenshot of feedback

APPENDIX C

VSK Test

I. I don't remember having seen this word before. (1 point)

II. I have seen this word before, but I don't think I know what it means. (2 points)

III. I have seen this word before, and I think it means _____. (synonyms or translation) (3 points)

IV. I know this word. It means _____. (synonyms or translation) (4 points)

V. I can use this word in a sentence: _____. (if you do this section, please complete section IV) (5 points)

词汇熟悉度测试（VSK Test Chinese version）

请根据以下要求，如实选择你对下列词和词组的认识程度。

1. 我之前没有见过/听过这个词/词组。

2. 我之前见过/听过这个词/词组，但我不知道它的意思。

3. 我之前见过/听过这个词/词组，我猜它的意思是___（汉语意思或英语同义词）。

4. 我肯定它的意思是_____（汉语意思或英语同义词）。

5. 我能用它造句:_____（做 5 必须先做 4）。

VSK Pretest

1. Accelerate:　　1）之前没见过；　　2）见过，但不知其意；
   3）见过，猜其意是:＿＿＿＿＿＿；　4）其意是:＿＿＿＿＿；　　5）造句：＿＿＿＿＿

2. Accumulate:　　1）之前没见过；　　2）见过，但不知其意；
   3）见过，猜其意是:＿＿＿＿＿＿；　4）其意是:＿＿＿＿＿；　　5）造句：＿＿＿＿＿

3. Advocate:　　1）之前没见过；　　2）见过，但不知其意；
   3）见过，猜其意是:＿＿＿＿＿＿；　4）其意是:＿＿＿＿＿；　　5）造句：＿＿＿＿＿

4. Beneath:　　1）之前没见过；　　2）见过，但不知其意；
   3）见过，猜其意是:＿＿＿＿＿＿；　4）其意是:＿＿＿＿＿；　　5）造句：＿＿＿＿＿

5. Bounce:　　1）之前没见过；　　2）见过，但不知其意；
   3）见过，猜其意是:＿＿＿＿＿＿；　4）其意是:＿＿＿＿＿；　　5）造句：＿＿＿＿＿

6. Circumstance:　1）之前没见过；　　2）见过，但不知其意；
   3）见过，猜其意是:＿＿＿＿＿＿；　4）其意是:＿＿＿＿＿；　　5）造句：＿＿＿＿＿

7. Condemn:　　1）之前没见过；　　2）见过，但不知其意；
   3）见过，猜其意是:＿＿＿＿＿＿；　4）其意是:＿＿＿＿＿；　　5）造句：＿＿＿＿＿

8. Concede:　　1）之前没见过；　　2）见过，但不知其意；
   3）见过，猜其意是:＿＿＿＿＿＿；　4）其意是:＿＿＿＿＿；　　5）造句：＿＿＿＿＿

9. Disguise:　　1）之前没见过；　　2）见过，但不知其意；
   3）见过，猜其意是:＿＿＿＿＿＿；　4）其意是:＿＿＿＿＿；　　5）造句：＿＿＿＿＿

10. Dissolve:　　1）之前没见过；　　2）见过，但不知其意；
    3）见过，猜其意是:＿＿＿＿＿＿；　4）其意是:＿＿＿＿＿；　　5）造句：＿＿＿＿＿

11. Dominate:　　1）之前没见过；　　2）见过，但不知其意；
    3）见过，猜其意是:＿＿＿＿＿＿；　4）其意是:＿＿＿＿＿；　　5）造句：＿＿＿＿＿

12. Enhance:　　1）之前没见过；　　2）见过，但不知其意；
    3）见过，猜其意是:＿＿＿＿＿＿；　4）其意是:＿＿＿＿＿；　　5）造句：＿＿＿＿＿

13. Evolve:　　1）之前没见过；　　2）见过，但不知其意；
    3）见过，猜其意是:＿＿＿＿＿＿；　4）其意是:＿＿＿＿＿；　　5）造句：＿＿＿＿＿

14. Frustrate:　　1）之前没见过；　　2）见过，但不知其意；
    3）见过，猜其意是:＿＿＿＿＿＿；　4）其意是:＿＿＿＿＿；　　5）造句：＿＿＿＿＿

15. Flourish:　　1）之前没见过；　　2）见过，但不知其意；
    3）见过，猜其意是:＿＿＿＿＿＿；　4）其意是:＿＿＿＿＿；　　5）造句：＿＿＿＿＿

16. Gratitude:　　1）之前没见过；　　2）见过，但不知其意；
    3）见过，猜其意是:＿＿＿＿＿＿；　4）其意是:＿＿＿＿＿；　　5）造句：＿＿＿＿＿

17. Glimpse:　　1）之前没见过；　　2）见过，但不知其意；
    3）见过，猜其意是:＿＿＿＿＿＿；　4）其意是:＿＿＿＿＿；　　5）造句：＿＿＿＿＿

18. Hazard:　　1）之前没见过；　　2）见过，但不知其意；
    3）见过，猜其意是:＿＿＿＿＿＿；　4）其意是:＿＿＿＿＿；　　5）造句：＿＿＿＿＿

19. Heave:　　1）之前没见过；　　2）见过，但不知其意；
    3）见过，猜其意是:＿＿＿＿＿＿；　4）其意是:＿＿＿＿＿；　　5）造句：＿＿＿＿＿

20. Illegal:　　1）之前没见过；　　2）见过，但不知其意；
    3）见过，猜其意是:＿＿＿＿＿＿；　4）其意是:＿＿＿＿＿；　　5）造句：＿＿＿＿＿

21. Inflation:　　1）之前没见过；　　2）见过，但不知其意；
　3）见过，猜其意是:_____；　4）其意是:_____；　　5）造句:_____

22. Jealous:　　1）之前没见过；　　2）见过，但不知其意；
　3）见过，猜其意是:_____；　4）其意是:_____；　　5）造句:_____

23. Jungle:　　1）之前没见过；　　2）见过，但不知其意；
　3）见过，猜其意是:_____；　4）其意是:_____；　　5）造句:_____

24. Keen:　　1）之前没见过；　　2）见过，但不知其意；
　3）见过，猜其意是:_____；　4）其意是:_____；　　5）造句:_____

25. Kindness:　　1）之前没见过；　　2）见过，但不知其意；
　3）见过，猜其意是:_____；　4）其意是:_____；　　5）造句:_____

26. Launch:　　1）之前没见过；　　2）见过，但不知其意；
　3）见过，猜其意是:_____；　4）其意是:_____；　　5）造句:_____

27. Lavatory:　　1）之前没见过；　　2）见过，但不知其意；
　3）见过，猜其意是:_____；　4）其意是:_____；　　5）造句:_____

28. Margin:　　1）之前没见过；　　2）见过，但不知其意；
　3）见过，猜其意是:_____；　4）其意是:_____；　　5）造句:_____

29. Molecule:　　1）之前没见过；　　2）见过，但不知其意；
　3）见过，猜其意是:_____；　4）其意是:_____；　　5）造句:_____

30. Negotiate:　　1）之前没见过；　　2）见过，但不知其意；
　3）见过，猜其意是:_____；　4）其意是:_____；　　5）造句:_____

31. Nitrogen:　　1）之前没见过；　　2）见过，但不知其意；
　3）见过，猜其意是:_____；　4）其意是:_____；　　5）造句:_____

32. Omit:　　1）之前没见过；　　2）见过，但不知其意；
　3）见过，猜其意是:_____；　4）其意是:_____；　　5）造句:_____

33. Overcome:　　1）之前没见过；　　2）见过，但不知其意；
　3）见过，猜其意是:_____；　4）其意是:_____；　　5）造句:_____

34. Peculiar:　　1）之前没见过；　　2）见过，但不知其意；
　3）见过，猜其意是:_____；　4）其意是:_____；　　5）造句:_____

35. Predict:　　1）之前没见过；　　2）见过，但不知其意；
　3）见过，猜其意是:_____；　4）其意是:_____；　　5）造句:_____

36. Quote:　　1）之前没见过；　　2）见过，但不知其意；
　3）见过，猜其意是:_____；　4）其意是:_____；　　5）造句:_____

37. Qualify:　　1）之前没见过；　　2）见过，但不知其意；
　3）见过，猜其意是:_____；　4）其意是:_____；　　5）造句:_____

38. Resign:　　1）之前没见过；　　2）见过，但不知其意；
　3）见过，猜其意是:_____；　4）其意是:_____；　　5）造句:_____

39. Routine:　　1）之前没见过；　　2）见过，但不知其意；
　3）见过，猜其意是:_____；　4）其意是:_____；　　5）造句:_____

40. Sacrifice:　　1）之前没见过；　　2）见过，但不知其意；
　3）见过，猜其意是:_____；　4）其意是:_____；　　5）造句:_____

41. Shiver:　　1）之前没见过；　　2）见过，但不知其意；
　3）见过，猜其意是:_____；　4）其意是:_____；　　5）造句:_____

42. Trace: 　　1）之前没见过；　　2）见过，但不知其意；
　　3）见过，猜其意是:_____;　4）其意是:_____;　　5）造句：_____

43. Torch: 　　1）之前没见过；　　2）见过，但不知其意；
　　3）见过，猜其意是:_____;　4）其意是:_____;　　5）造句：_____

44. Utilize: 　　1）之前没见过；　　2）见过，但不知其意；
　　3）见过，猜其意是:_____;　4）其意是:_____;　　5）造句：_____

45. Utter: 　　1）之前没见过；　　2）见过，但不知其意；
　　3）见过，猜其意是:_____;　4）其意是:_____;　　5）造句：_____

46. Vertical: 　　1）之前没见过；　　2）见过，但不知其意；
　　3）见过，猜其意是:_____;　4）其意是:_____;　　5）造句：_____

47. Vivid: 　　1）之前没见过；　　2）见过，但不知其意；
　　3）见过，猜其意是:_____;　4）其意是:_____;　　5）造句：_____

48. Wander: 　　1）之前没见过；　　2）见过，但不知其意；
　　3）见过，猜其意是:_____;　4）其意是:_____;　　5）造句：_____

49. Victim: 　　1）之前没见过；　　2）见过，但不知其意；
　　3）见过，猜其意是:_____;　4）其意是:_____;　　5）造句：_____

50. Yawn: 　　1）之前没见过；　　2）见过，但不知其意；
　　3）见过，猜其意是:_____;　4）其意是:_____;　　5）造句：_____

APPENDIX D

Target words	Part of speech	Definition	the pictures in my life with description
1. depressed	Past participle of "depress" used as adjective 过去分词作形容词	Unhappy or hopeless 抑郁的；沮丧的	I broke up with my girl friend the other day and felt so depressed. 和女朋友分手后，我感到非常的沮丧。
2.			
3.			
4.			
5.			
6.			
Reflection: (problems encountered in creating artefacts or learning the new words) (time spent on each task and location for completing these tasks) (briefly describe the learning process for today)			

Template of students' learning journal

APPENDIX E

Questionnaire for Experimental Group

Directions:

This questionnaire is designed to gather information about your opinions of the SMAVL program you participated. Please read each statement carefully and fill in the statement which represents your opinions. Your answers will be used confidentially. Your participation and cooperation are appreciated during the course. Thank you!

Part I Personal information

1. Name: ………………………………………………………
2. Gender: ………………………………………………………
3. Age: ………………………………………………………
4. Major: ………………………………………………………
5. How long have you studied English? ……………………………
6. Have you learned any other languages? If yes, what is it? …………………
7. Have you taken any language proficiency tests? If yes, what is your level?
   ………………………………………………………
8. What activities do you often do to improve your English outside the classroom?
   ……………………………………………………

Part II Opinions about the SMAVL program

Please read these statements and mark the box as your answer.

9. I like learning English vocabulary in this SMAVLE.
   ☐ Strongly disagree   ☐ Disagree ☐ Undecided ☐ Agree ☐ Strongly Agree

10. This SMAVLE can help me improve my vocabulary learning.
    ☐ Strongly disagree   ☐ Disagree ☐ Undecided ☐ Agree ☐ Strongly Agree

11. This SMAVLE can help me improve my accuracy of word spelling.
    ☐ Strongly disagree   ☐ Disagree ☐ Undecided ☐ Agree ☐ Strongly Agree

12. This SMAVLE can help me remember the meanings of words.
    ☐ Strongly disagree   ☐ Disagree ☐ Undecided ☐ Agree ☐ Strongly Agree

13. This SMAVLE can help me improve my accuracy in using words.
    ☐ Strongly disagree   ☐ Disagree ☐ Undecided ☐ Agree ☐ Strongly Agree

14. This SMAVLE encourages my learning autonomy.
    ☐ Strongly disagree   ☐ Disagree ☐ Undecided ☐ Agree ☐ Strongly Agree

15. This SMAVLE enables me to learn from my classmates.
    ☐ Strongly disagree   ☐ Disagree ☐ Undecided ☐ Agree ☐ Strongly Agree

16. I have no difficulties learning in this SMAVLE.
    ☐ Strongly disagree   ☐ Disagree ☐ Undecided ☐ Agree ☐ Strongly Agree

17. I have no difficulties in completing all the tasks under this SMAVLE.

☐ Strongly disagree   ☐ Disagree ☐ Undecided ☐ Agree ☐ Strongly Agree

18. I feel motivated to learn vocabulary in this SMAVLE

☐ Strongly disagree   ☐ Disagree ☐ Undecided ☐ Agree ☐ Strongly Agree

19. This SMAVLE can be applied at my university.

☐ Strongly disagree   ☐ Disagree ☐ Undecided ☐ Agree ☐ Strongly Agree

20. I prefer learning vocabulary with the traditional approach to this one.

☐ Strongly disagree   ☐ Disagree ☐ Undecided ☐ Agree ☐ Strongly Agree

21. What other factors do you think contribute to the improvement of your

vocabulary learning? ....

APPENDIX F

IOC analysis for a questionnaire on *Vocabulary Learning under the Seamless Mobile-Assisted Language Learning Environment*

Item	Expert A	Expert B	Expert C	Expert D	Expert E	Expert F	Result of analysis
1	+1	+1	+1	+1	+1	+1	√
2	+0	+0	+1	+1	+1	+1	√
3	+1	+1	+1	+1	+0	+1	√
4	+1	+1	+1	+1	+1	+1	√
5	+1	+1	0	+1	+1	+1	√
6	+1	+1	+1	+1	+1	+1	√
7	+1	+1	+1	+1	+1	+1	√
8	+1	+1	+1	+0	+1	+1	√
9	+1	+1	+1	+1	+1	+1	√
10	+1	+1	+1	+1	+1	+1	√
11	+0	-1	+0	+1	+1	+0	√
12	+1	+1	+1	+1	+1	+1	√
Total	10	10	10	11	11	11	√

Notes:

1. +1= the item is congruent with the objective

2. -1= the item is not congruent with the objective

3. 0=uncertain about this item

Result of IOC: (IOC=$\sum R/N$)

Item number: 12 R= 10+10+10+11+11+11 (Scores from experts)

N=6 (Number of experts)

IOC=63/6=10.5

Percentage: 10.6/12*100%=87%

APPENDIX G

Questions for the semi-structured interview
(For the experimental group)

Dear students,

This interview aims to elicit your opinions on the seamless mobile-assisted vocabulary learning environment (SMAVLE) you had joined. Please be aware that there is no right or wrong answer. Feel free to say anything you think and feel about this learning program. Your responses will be kept confidential. Thank you for your participation! **Guiding Questions**

1. What do you think of the SMAVLE in your vocabulary learning process?
2. Did you have any problems when you were learning vocabulary under this SMAVLE during the past 12 weeks? (If yes, what problems did you encounter?)
3. Through this 12-week learning, where did you use the mobile device for learning?
4. What are the benefits of using a mobile device when you conducted learning activities after class?
5. In your opinion, what are the biggest challenges when you conducted learning activities in class with mobile devices?
6. In your opinion, what is the effect or impact of this SMAVLE on your English vocabulary learning?
7. In your opinion, are there any other factors that affect your English vocabulary learning in general?
8. What do you think about the traditional way of vocabulary learning compared to this novel learning environment?
9. Have you changed your English vocabulary learning habits after this 12-week learning experience? If yes, what are the main changes?
10. How do you feel about the application of this SMAVLE to English vocabulary learning in your college?
11. What are "the most important tools or technologies needed for learning" from your perspective?
12. Could you provide some suggestions to improve the implementation of this new SMAVLE based on the 12-week learning?

APPENDIX H

IOC analysis for Semi-structured interview questions on *Vocabulary Learning under the Seamless Mobile-Assisted Language Learning Environment*

Item	Expert A	Expert B	Expert C	Expert D	Expert E	Expert F	Result of analysis
1	+1	+1	+1	+1	+1	+1	√
2	+1	+1	+1	+1	+1	+1	√
3	0	+1	+1	+1	+0	+1	√
4	+1	+1	+1	+1	+1	+1	√
5	+1	+1	0	+1	+1	+1	√
6	+1	+1	+1	+1	+1	+0	√
7	+1	+1	+1	+1	+1	+1	√
8	+1	+1	+1	+0	+1	+1	√
9	+1	+1	+1	+1	+0	+0	√
10	+1	+1	+1	+1	+1	+1	√
11	+1	+1	+0	+1	+1	+1	√
12	+1	+1	+1	+1	+1	+1	√
Total	11	12	10	11	10	10	√

Notes:

1. +1= the item is congruent with the objective

2. -1= the item is not congruent with the objective

3. 0=uncertain about this item

Result of IOC: (IOC=∑R/N)

Item number: 12 R= 11+12+10+11+10+10 (Scores from experts)

N=6 (Number of experts) IOC=64/6=10.6

Percentage: 10.6/12*100%=88%