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APPENDIX A

CONSONANT, VOWELS AND TONES OF THE BURMESE LANGUAGE

TABLE 1 : CONSONANTS

	Voiceless Stops		Voiced Stops		Nasals
	Unaspirated	Aspirated	Unaspirated	Aspirated	
Velar	ဦ k [k:]	ဌ kh [k|:]	ဃ g [γ:]	င gh [γ|:]	ဃ n [ŋ]
Palatal	ဢ c [σ:]	ဣ ch [σ|:]	ဤ j [ζ:]	ဥ jh [ζ|:]	ဤ n [ɲ]
Retroflex	ဈ t [τ:]	မ th [τ|:]	ု d [δ:]	ဧ dh [δ|:]	ု n [v:]
Dental	စ t [τ:]	ဖ th [τ|:]	ခ d [δ:]	ဦ dh [δ|:]	ခ n [v:]
Labial	ဝ p [π:]	သ ph [π|:]	ဟ b [β:]	ဦ bh [β|:]	ဦ m [μ:]
SONORANTS					

	y [ø:]	r [ø:]	v l [λ:]	w [ø:]	t [ø:]
	<i>y^m</i> h [η:]		<i>v^m</i> l [λ:]	<i>t^m</i> a [:]	

TABLE 2 : VOWELS AND TONES

Vowels and Tones (open syllables)						
Tone	Front Vowels		Central Vowels		Back Vowels	
	Initial	Diacritic	Initial	Diacritic	Initial	Diacritic
Primary Vowels						
creaky	-	-d' td' [□∩]		t [:.]	○	-k' tk' [←∩]
low	T-D'	tD' [□]	-m	tm [□]	OD'	-s' ts' [v]
high	-D':	tD'; [t:]	-m;	tm; [□:]	OD';	-f; tf; [v:]
Mid Vowels						
High	"					
low	"	a- at [ɛ □]				-dk' tdk' [:←]
high		a- ; at; [ɛ □:]				-dk' tdk' [:←:]

creaky		<i>a-H atH [ε □ ∩]</i>			<i>-dK H tdK H [.: ← ∩]</i>
Low					
low		<i>-f t,f [—]</i>		<i>ajomf</i>	<i>a-mf atmf [↓:]</i>
high		<i>-L tL [—:]</i>		<i>jø</i>	<i>a-m atm [↓]</i>
creaky		<i>-LH tLH [—∩]</i>			<i>a-mH atmH [↓∩]</i>

APPENDIX B
SAMPLE PAGE OF DICTIONARY

APPENDIX C

DISTRIBUTION OF LOANWORDS IN BURMESE ACCORDING TO LOANWORD CATEGORY

KEY: WC - WORD CLASS
 LW - LOANWORDS
 LB - LOANBLEND
 LS - LOANSHIFT

CLB - COMPOUND LOANBLEND
TLB - TAUTOLOGICAL LOANBLEND
LLT - LITERAL LOAN TRANSLATIONS

No.	Burmese	Burmese	Burmese Phonemic	WC	English	LW			LB			LS
	Spelling	Pronunciation	Transcription			Spelling	None	Partial	Complete	CLB	TLB	LLT
	u											
1	u7IZm	u7IZm	ဗုဒ္ဓံး	n	crusher			1				
2	u7uf	u7uf	ဗုဒ္ဓံး	n	carat			1				
3	uvyf	uvwf	ဗုဒ္ဓံး	n	club				1			
4	u7def;	u7def;	ဗုဒ္ဓံး	n	crane			1				
5	uvpf	uvpf	ဗုဒ္ဓံး	n	clip				1			
6	umw,f	umw,f	ဗုဒ္ဓံး	n	cartel			1				
7	um;	um;	ဗုဒ္ဓံး	n	car		1					
8	umuDa7mif	umuDa,mif	ဗုဒ္ဓံး	n	khaki (color)							1
9	umwGef;	umwGef;	ဗုဒ္ဓံး	n	cartoon			1				
10	umAGef	umAGef	ဗုဒ္ဓံး	n	carbon			1				
11	umabmfvpfqD	umaAmfpfqD	ဗုဒ္ဓံး	n	carbolic (oil)							1
12	umbdkif	umAdkif	ဗုဒ္ဓံး	n	carbine			1				
13	uDvdk87rf	uDvd87rf	ဗုဒ္ဓံး	n	kilogram			1				
14	uDvdkrDwm	uDvdkrDwm	ဗုဒ္ဓံး	n	kilometre			1				
15	uDvdkvDwm	uDvdkvDwm	ဗုဒ္ဓံး	n	kilotitre			1				
16	uDvdk0yf	uDvdk0yf	ဗုဒ္ဓံး	n	kilowatt			1				
17	uDvdkjwf	uDvdkjwf	ဗုဒ္ဓံး	n	kilohertz			1				
18	uD0D	uD0D	ဗုဒ္ဓံး	n	kiwi		1					
19	ukA	ukA	ဗုဒ္ဓံး	n	cube				1			
20	ulyGef	ulyGef	ဗုဒ္ဓံး	n	coupon			1				
21	au'g	au'g	ဗုဒ္ဓံး	n	cadre				1			
22	aumvdjf	aumvdwf	ဗုဒ္ဓံး	n	college				1			
23	aumfyD	aumfyD	ဗုဒ္ဓံး	n	copy			1				
24	aumfydka7;7S	aumfydka7;,Sif	ဗုဒ္ဓံး	n	corporation			1				
25	aumfzD	umzD / aumfzD	ဗုဒ္ဓံး	n	coffee				1			
26	aumfrwD	aumfrwD	ဗုဒ္ဓံး	n	committee			1				
27	17GK	17GK	ဗုဒ္ဓံး	n	cooperative				1			

79	87yfzdkuf	87yfzdkuf		n	graphite	1		
80	8pfavS	8pfavS		n	gig (boat)		1	
81	87rf	87rf		n	gram		1	
82	87Gwf	87Gwf		n	gross		1	
83	8vpfq7if	8vpfq7if		n	glycerine		1	
84	8gvef	8gvef		n	gallon		1	
85	8g0ef	8g0ef		n	gown		1	
86	8Dwm	8Dwm		n	guitar		1	
87	8D,m	8D,m		n	gear		1	
88	a8Zuf	8Zuf		n	gazette	1		
89	8dk;	8dk;		n	goal	1		
90	a8gufoD;	a8gufoD;		n	golf		1	
91	8gfwfJ	8gfwfJ		n	guard (house)		1	
92	8dwf	8dwf		n	gauge		1	
93	8dwf	8dwf		n	gate		1	
94	8smuif	8smuif		n	jacket		1	
95	8smpD	8smpD		n	jersey	1		
96	8sme,f	8sme,f		n	journal		1	
97	8sDjoarjwD	a8smfarx7D		n	geometry		1	
98	8sL7D	8sL7D		n	jury	1		
99	8sL;	8sL;		n	Jew	1		
100	a8smf8suf	a8smf8suf		n	georgette	1		
101	a8smuf	a8smuf		n	jobbing		1	
102	8sdkuf	8sdkuf		n	jack		1	
103	8sdKum	8sdKum		n	joker		1	
104	8sufav,mOfys	8sufav,mOfysh		n	jet (airplane)			1
105	8sifea7wm	8sifea7wm		n	generator	1		
106	8spfum;	8spfum;		n	jeep			1
107	8spfyqrf	8spfyqrf		n	gypsum	1		
108	8srf;	8srf;		n	jam		1	
109	8Gsef	8Gsef		n	June	1		
	p							
110	pwD7D,dk	pwD7D,dk		n	stereo		1	
111	pau;	pau;		n	scale		1	
112	pwl'D,dk	pw'l'D,dk		n	studio		1	
113	paw'D,h	paw'D,ef		n	stadium		1	
114	pawmH	pawmH		n	stock		1	
115	pwdkif	pwdkif		n	style		1	
No.	Burmese Spelling	Burmese Pronunciation	Burmese Phonemic Transcription	WC	English Spelling	LW	LB	LS
					None Spelling	Partial	Complete	CLB TLB LLT

126	qvyf	qvwf		n	salad		1				
127	qvGef;um;	qvGef;um;		n	saloon car						1
128	qvdkuf	qvdkuf		n	search light						1
129	qmusLvm	qmusLvm		n	circular						1
130	qm8sif	qm8sif		n	serjeant						1
131	qD'ifum;	qD'ifum;		n	sedan car						1
132	qDvDum	qDvDum		n	silica		1				
133	aqmf'g	aqmf'g		n	soda		1				
134	qdkzm	qdkzm		n	sofa		1				
135	qdk7S,fvpfpep	qdk7S,fvpfpep		n	socialism						1
136	qufwif	qufwif		n	setting		1				
137	qdkufum;	qdkufum;		n	sidecar						1
138	qifqm	qifqm		n	censor						1
139	qif'Dudwf	qif'Dudwf		n	syndicate		1				
140	qdkif;	qdkif;		n	sign		1				
141	qpfzvpf	qpfzvpf		n	syphilis						1
142	qyfaumfrwD	qyfaumfrwD		n	subcommittee		1				
143	qyfuyf	qyfuwf		n	circus						1
144	qG,fwm	qG,fwm		n	sweater		1				
	Z										
145	ZvDzm;whk;	ZvDzm;'kef;		n	sleeper(block)						1
146	Zm7D	Zm7D		n	summary(judgement))		1				
147	ZDEGef	ZDEGef		n	xenon		1				
148	Zlvdkif	Zlvdkif		n	July		1				
149	ZifeD,m	ZifeD,m		n	zinnia		1				
150	Zpf	Zpf		n	zip						1
151	Ze0g7D	Zefe0g7D		n	January						1
152	Zkh	Zkef		n	zone		1				
	w										
153	wmay:vif	wmay:vif		n	tarpaulin		1				
154	wmyifwdkif	wmyif'dkif		n	tarpentine		1				
155	wm,m	wm,m		n	tyre						1
No.	Burmese Spelling	Burmese Pronunciation	Burmese Phonemic Transcription	WC	English Spelling		LW		LB	LS	
						None	Partial	Complete	CLB	TLB	LLT
156	wmvD	wmvD		n	tally			1			
157	wDbD	wDAD		n	TB		1				
158	awmfepf	awmfepf		n	tonic			1			
159	awmfyD'dk	awmfyD'dk		n	torpedo		1				
160	awmffzD	awmffzD		n	toffee			1			

218	Esluvd,	Esluvd,		n	nucleus			1		
219	EsluvD; ,m; }gwfaygif; zdk	EsluvD; ,m; }gwfaygif; zdk	/□●★⊗/□★/	n	nuclear (boiler)			1		
220	Eslx7Gef	e, lx7Gef		n	neutron		1			
	y									
221	y7DrD, haiG	y7DrD, efaiG		n	premium			1		
222	y7k	y7k		n	proof		1			
223	y7dkudk;	y7dkudk;		n	procol		1			
224	y7dk8suf	y7dk8suf		n	project		1			
225	y7dkwif;	y7dkwif;		n	protein		1			
226	y7dkwGef	y7dkwGef		n	proton		1			
227	y7pfZrf	y7pfZef		n	prism		1			
228	yvm,m	yvm,m		n	pliers		1			
229	yvlwdk	yvlwdk		n	pluto		1			
230	yvlwdkeD,rf	yvlwdkeD,ef		n	plutonium		1			
231	yavuwf	yavuwf		n	plaid		1			
232	yvufwDerf	yvufwDeef		n	platinum		1			
233	yvufazmif;	yvufazmif;		n	platform		1			
234	ywwf	ywwf		n	plug		1			
235	ywwfpwm	yvmpwm		n	plaster		1			
236	ywwfpwpf	ywwfpwpf		n	plastic		1			
237	yvdif	yvdif		n	plague		1			
238	yqq,f	yqq,f		n	parcel		1			
No.	Burmese	Burmese	Burmese Phonemic	WC	English	LW		LB	LS	
						Spelling	Pronunciation			Transcription	Spelling	None	Par-tial	Com-plete	CLB	TLB	LLT
239	ygwD	ygwD		n	party		1			
240	ygwDau'g	ygwDau'g		n	party cadre		1			
241	ygwD,lepf	ygwD,lepf		n	party unit		1			
242	ygrp	ygrp		n	permit		1			
243	ygrif8edwf	ygrif;8edwf		n	permanganate		1			
244	ygvDref	ygvDref		n	parliament		1			
245	yg0g	yg0g		n	power		1			
246	yd7rpf	ypf7rpf		n	pyramid		1			
247	ykvdyf	yvdyf		n	police		1			
248	ylwif;	ylwif;		n	putty		1			
249	ylvD	ylvD		n	pulley		1			
250	yJed	yJed		n	penny		1			
251	aygZpfwpf	aygZpfwpf		n	positive		1			
252	ay:yvif	ay:yvif		n	poplin		1			
253	ay:jylvm	ay:ysLvm		adj	popular		1			
254	-	-		-	-	-	-	-	-	

265	yifpif	yifpif	ကျော်မြတ်မြတ်ရှုံးမြတ်မြတ်	n	pension			1				
266	yifaygif	yifaygif	ကျော်မြတ်မြတ်ရှုံးမြတ်မြတ်	n	pingpong			1				
267	yife,ef	yife,ef	ကျော်မြတ်မြတ်ရှုံးမြတ်မြတ်	n	pinion			1				
268	yifeDqDvif	yifeDqvif	ကျော်မြတ်မြတ်ရှုံးမြတ်မြတ်	n	penicillin		1					
269	yiftyf	yiftwf	ကျော်မြတ်မြတ်ရှုံးမြတ်မြတ်	n	pin			1				
270	yif;rif;	yif;rif;	ကျော်မြတ်မြတ်ရှုံးမြတ်မြတ်	n	laundry man			1				
271	aygif	aygif	ကျော်မြတ်မြတ်ရှုံးမြတ်မြတ်	n	pound		1					
272	aygif'grSkefH	aygif'grSkefH	ကျော်မြတ်မြတ်ရှုံးမြတ်မြတ်	n	powder						1	
273	ydkifH	ydkifH	ကျော်မြတ်မြတ်ရှုံးမြတ်မြတ်	n	pint			1				
274	yefu7d,	yefu7d,m	ကျော်မြတ်မြတ်ရှုံးမြတ်မြတ်	n	pancreas			1				
275	y,f7Dpukyf	y,f7Dpukwf	ကျော်မြတ်မြတ်ရှုံးမြတ်မြတ်	n	peri-scope		1					
276	yGdKifH	yGdKifH	ကျော်မြတ်မြတ်ရှုံးမြတ်မြတ်	n	point		1					
	z											
277	zvif	zvif	ကျော်မြတ်မြတ်ရှုံးမြတ်မြတ်	n	film			1				
278	zvefe,f	zvefe,f	ကျော်မြတ်မြတ်ရှုံးမြတ်မြတ်	n	flannel			1				
279	zmvhk	zmvhk	ကျော်မြတ်မြတ်ရှုံးမြတ်မြတ်	n	furlong			1				
280	zDedkif	zDedkif	ကျော်မြတ်မြတ်ရှုံးမြတ်မြတ်	n	phenol			1				
281	azazmf0g7D	azazmf0g7D	ကျော်မြတ်မြတ်ရှုံးမြတ်မြတ်	n	February			1				
No.	Burmese	Burmese	Burmese Phonemic	WC	English	LW			LB			LS
						Spelling	Pronunciation	Transcription	Spelling	None	Par- tial		Com- plete	CLB	TLB	LLT
282	zdkwdkpwuf	zdkwdkpwuf	ကျော်မြတ်မြတ်ရှုံးမြတ်မြတ်	n	photostat		1					
283	zdkrif	zdkrif	ကျော်မြတ်မြတ်ရှုံးမြတ်မြတ်	n	fore-man			1				
284	zufqpf0g'	zufqpf0g'	ကျော်မြတ်မြတ်ရှုံးမြတ်မြတ်	n	fascist						1	
285	zuf7Sif	zuf7Sif	ကျော်မြတ်မြတ်ရှုံးမြတ်မြတ်	n	fashion		1					
286	azmif	azmif	ကျော်မြတ်မြတ်ရှုံးမြတ်မြတ်	n	form			1				
287	azmifwdef	azmifwdefyif	ကျော်မြတ်မြတ်ရှုံးမြတ်မြတ်	n	fountain (pen)		1					
288	zdkif	zdkif	ကျော်မြတ်မြတ်ရှုံးမြတ်မြတ်	n	file			1				
289	zdkifwGJ	zdkifwGJ	ကျော်မြတ်မြတ်ရှုံးမြတ်မြတ်	n	fileholder						1	
290	zm7if]dkuf	zm7if]dkuf	ကျော်မြတ်မြတ်ရှုံးမြတ်မြတ်	n	fahrenheit		1					
	A											
291	Am8sD;eD;,m	Am8sD;eD;,m;a	ကျော်မြတ်မြတ်ရှုံးမြတ်မြတ်	n	virginia(tobacco)						1	
292	AmvD	bmvD	ကျော်မြတ်မြတ်ရှုံးမြတ်မြတ်	n	barley		1					
293	Am;epf	Am;epf	ကျော်မြတ်မြတ်ရှုံးမြတ်မြတ်	n	varnish			1				
294	ADZm	ADZm	ကျော်မြတ်မြတ်ရှုံးမြတ်မြတ်	n	visa			1				
295	AD'D,dk	AD'D,dk	ကျော်မြတ်မြတ်ရှုံးမြတ်မြတ်	n	video			1				
296	ADwmrif	ADwmrif	ကျော်မြတ်မြတ်ရှုံးမြတ်မြတ်	n	vitamin		1					
297	ADwdk	ADwdk	ကျော်မြတ်မြတ်ရှုံးမြတ်မြတ်	n	veto		1					
298	AD7dk	AD'dk	ကျော်မြတ်မြတ်ရှုံးမြတ်မြတ်	n	boudoir			1				
299	aAmf,m	aAmf,m	ကျော်မြတ်မြတ်ရှုံးမြတ်မြတ်	n	buoy			1				
300	AdkHtm;	AdkHtm;	ကျော်မြတ်မြတ်ရှုံးမြတ်မြတ်	n	volt						1	
301	Ahkky	Ahkky	ကျော်မြတ်မြတ်ရှုံးမြတ်မြတ်	n	bomb			1				

311	b7if;8ef;	A7if;8ef;		n	brangun		1				
312	b7dwf	A7dwf		n	brake			1			
313	b7ef'D	A7ef'D		n	brandy		1				
314	bavmuf	Aavmuf		n	block			1			
315	bavmuf	Aavmuf		n	bloc			1			
316	bm8D	Am8D		n	buggy		1				
317	bm;	bm;		n	bar	1					
318	bDpuGwf	bDpuGwf		n	biscuit			1			
319	bdpwdwf	Adpwdwf		n	beef-steak			1			
320	bdvd,uf	Advd,uf		n	billiards			1			
321	bdvpf	Advpf		n	bailiff			1			
322	bD	AD		n	bill			1			
323	bDpD	ADpD		n	BC	1					
No.	Burmese	Burmese	Burmese Phonemic	WC	English	LW			LB		LS
						Spelling	Pronunciation	Transcription	Spelling	None	Partial	Complete	CLB	TLB	LLT
324	bDpD8sD	ADpD8sD		n	BCG	1					
325	bDwif	ADdwif		n	hem			1			
326	bD,m	AD,m		n	beer		1				
327	bl'dkZm	Al'dkZm		n	bulldozer		1				
328	abvDxkyf	aAvD'kwf		n	bale				1		
329	bJav;	bJav;		n	ballet			1			
330	abm	aAm		n	ball			1			
331	abmf'g	aAmf'g		n	boarder	1					
332	abmfvD	aAmfvD		n	bodice			1			
333	abmfvDabm	aAmfvDaAm		n	volleyball			1			
334	bdk;wh	Adk;'ef		n	bow				1		
335	bufx7D	Aufx7D		n	battery	1					
336	abmufcsm	abmufcsm		n	voucher			1			
337	bwpum;	bwpum;		n	bus car		1				
338	bif8dsK	Aif8dsK		n	banjo		1				
339	bdkifpukwf	Adkifpukwf		n	bioscope			1			
340	bdkifpu,f	Adkifpu,f		n	bicycle			1			
341	b\f	Aef		n	bank			1			
342	bwf8suf	Awf8suf		n	budget	1					
343	bwfpuffabm	bwfpuffabm		n	basketball	1					
344	bkwftzGJH	AkwftzGJH		n	board				1		
345	bkwftkwf	bkwftkwf		n	book				1		
346	befum	Aefum		n	bunker	1					
347	befyg	Aefyg		n	bumper	1					
348	bef;rkefH	bef;rkefH		n	bun				1		

359	ara';	ara';		n	may day	1				
360	armfwm	armfwm		n	mortar	1				
361	armfawmf	armfawmf		n	motor	1				
362	armfawmfum;	armfawmfum;		n	motorcar	1				
363	armfawmfqdkf	armfawmfqdkf		n	motorcycle	1				
364	armfawmfbkw	armfawmfbkw		n	motorboat	1				
365	armfzD;,m;	armfzD;,m;		n	morphine	1				
366	armfvDusL;	armfvDusL;		n	molecule	1				
No.	Burmese Spelling	Burmese Pronunciation	Burmese Phonemic Transcription	WC	English Spelling	LW			LB LS	
						None	Par-tial	Com-plete	CLB	TLB	LLT
367	rdkedkpmvhk;	rdkedkpvhk;		n	mono words					1
368	rufx7pf	rufx7pf		n	metric			1		
369	r8*Zif;	ruf8Zif;		n	magazine	1				
370	rdkif	rdkif		n	mile			1		
371	rdkif;	rdkif;		n	mine			1		
372	rdkif;Ahk;	rdkif;Ahk;		n	mine bomb			1		
373	rwf	rwf		n	March			1		
374	rwfcGuf	rwfcGuf		n	mug					1
375	rwf8wf	rwf8wf		n	mud-guard			1		
376	rdwfuyf	rdwfuyf		n	make-up			1		
377	ref'gvD	ref'gvD		n	muscovy			1		
378	refae8sm	refae8sm		n	manager			1		
379	r,f'vif	r,f'vif		n	mandolin			1		
380	jrlleDpDy,f	rsLleDpy,f		n	municipal	1				
	,									
381	,luvpf	,luvpf		n	eucalyptus			1		
382	,leDazmif;	,leDazmif;		n	uniform			1		
383	,leDAmpwD	,leDAmpwD		n	university			1		
384	,leD,ef	,leD,ef		n	union			1		
385	lepf	lepf		n	unit			1		
386	,l7D;,m;	,l7D;,m;		n	urea			1		
387	,la7eD,h	,la7eD,h		n	uranium			1		
388	,la7ewfj8dkym	,la7ewf8sdK		n	uranus(planet)					1
389	a,7l	a,,l		n	Jesus			1		
	7									
390	7ref	7ref		n	remand			1		
391	7m7Sif	7m,Sif		n	ration			1		
392	7Daumf'g	7aumf'g		n	recorder	1				
393	a7ppP7D	a,ppfp7D		n	registry			1		

404	7GdKif7,f	7GdKif7,f		n	royal		1		
405	&GdKif7, fwD	&GdKif7, fwD		n	royalty		1		
406	7SDwiff	, SDwif		n	sheet			1	
407	7Sl;zdeyf	, Sl;zeyf		n	shoe				1
No.	Burmese Spelling	Burmese Pronunciation	Burmese Phonemic Transcription	WC	English Spelling		LW	LB	LS
408	a7Smapmif	a, Smapmif		n	shawl				1
409	7kyfjrifohjum;	7kyfjrifohjum;		n	television /tv				1
410	7SifrD;	7SifrD;		n	chemise			1	
411	7Sefwdefvkyf	, Sefwdefvkyf		v	shunting (do)				1
412	7SyftuFsD	, Swftif; 8sD		n	shirt (dress)				1
413	7Srfydef	, Sefydef		n	champagne			1	
414	7S,f,m	, S,f,m		n	share			1	
	v								
415	vD'g	vD'g		n	leader			1	
416	vDAm	vDAm		n	lever			1	
417	avqma7mifjcn	avZma7mif8sD		n	laser (rays)				1
418	avmHufoD;	avmHufoD;		n	locket	.		1	
419	avmu,frD;7xm	avmu,frD;7xm;		n	local train			1	
420	avmf87pforf	avmf87pfoef		n	logarithm			1	
421	avmf7Dum;	avmf7Dum;		n	lorry (car)				1
422	vufwif	vufwif		n	Latin			1	
423	vifeDrif	viferif		n	liniment			1	
424	vifrepf	vifrepf		n	lemonade			1	
425	avmif8sDwGw	avmif8sDwGwf		n	longitude			1	
426	avmif;ukwftuF	avmif;uGwftdef;		n	long coat(dress)				1
427	vdkifpif	vdkifpif		n	licence			1	
428	vdkifedk	vdkifedk		n	lino			1	
429	vdkifeif	vdkifeif		n	linen			1	
430	vdkif;	vdkif;		n	line			1	
431	vdkif;um;	vdkif;um;		n	line car (bus)				1
432	vdkif;bavmuf	vdkif;Aavmuf		n	line block			1	
433	vfwfDwGwf	vfwfDwGwf		n	latitude			1	
434	v,f8sm	v,f8sm		n	ledger			1	
	0								
435	07efwm	0,efwm		n	veranda			1	
436	07rf;	0,ef;		n	warrant			1	
437	0g'g	0g'g		n	warder			1	
438	0g7Sm	0g,Sm		n	washer			1	
439	0g7Sifaqmf'g	0g,Sifaqmf'g		n	washing soda			1	
440	0DnuD	0DnuD		n	whiskey			1	

	Spelling	Pronunciation	Transcription		Spelling	None	Par-tial	Com-plete	CLB	TLB	LLT
449	oDtdk7D	oDtdk7D	ଓ-ଡ଼ି-ଟଙ୍କୁ-ଷୀ-ଏର୍	n	theory		1				
450	oDtdk7rf	oDtdk7ef	ଓ-ଡ଼ି-ଟଙ୍କୁ-ଷୀ-ଏର୍-ଏଫ୍	n	theorem		1				
451	orRefpm	oerefZm	ଓ-ରେ-ଫେ-ପି-ମ୍	n	summons						1
452	oSsDvif	,DSvif	ଓ-ସ୍ସି-ଡି-ବି-ଏଫ୍	n	shilling		1				
]										
453	]vdk	]vdk	ଓ-ବି-ଦୁ-କୁ	n	hello		1				
454	]mrDkeDum	]mrDkeDum	ଓ-ମର୍-ଦି-କେ-ଦୁ-ମୁମ୍	n	harmonica		1				
455	]mrDkeD,ef	]mrDkeD,ef	ଓ-ମର୍-ଦି-କେ-ଦୁ-ଏଫ୍	n	harmonium		1				
456	]ma0,h7Syf	]ma0,h7Syf	ଓ-ମା-୦-ହେଚ୍-ସି-ଏଫ୍	n	hawaiian shirt						1
457	ymDvD,h	ymDvD,h	ଓ-ଯମ୍-ଡି-ବି-ଡୁ-ଏହ୍	n	helium		1				
458	a]mfuD	a]mfuD	ଏ-ଅମ୍-ଫୁ-ଡୁ	n	hockey		1				
459	a]mfw,f	a]mfw,f	ଏ-ଅମ୍-ଫୁ-ଏଫ୍	n	hotel			1			
460	a]mfrkef;	a]mfrkef;	ଏ-ଅମ୍-ଫର୍-କେଫ୍	n	hormone		1				
461	]fvDaumHywr	]fvDaumHywm	ଓ-ଫି-ବୁ-ଦ୍ୟା-ମ୍ଯା-ହୁ-ମ୍	n	helicopter		1				
462	ymdkuf'7dk8si	ymdkuf'7dk8sif	ଓ-ଯମ୍-ଡି-କୁ-ଫୁ-୭-ଡି-କୁ-ସି-ଏଫ୍	n	hydrogen		1				
463	]Gef;	]Gef;	ଓ-ଗେ-ଫ୍	n	horn			1			
	t										
464	taumf'D,ef	taumf'D,ef	ତ୍ରୋ-ଫୁ-ଡ଼ି-ଏଫ୍	n	accordion		1				
465	tu,f'rD	tu,f'rD	ତ୍ରୋ-ଫୁ-ଏଫ୍-ରି-ଡୁ	n	academy		1				
466	trD;Am;	trD;Am;	ତ୍ରୋ-ଡ଼ି-ଏମ୍	n	amoeba		1				
467	tvif;eSpf	tvif;eSpf	ତ୍ରୋ-ଫି-ଏ-ସ୍ପିଫ୍	n	light year						1
468	tm8Gef	tm8Gef	ତ୍ରୋ-ମ୍ୟୁ-ଏଫ୍	n	organ			1			
469	tmwdwf	tmwdwf	ତ୍ରୋ-ମ୍ୟୁ-ଡି-ବି-ଏଫ୍	n	Arctic		1				
470	tm'gvGwf	tm'gvGwf	ତ୍ରୋ-ମ୍ୟୁ-ଗ୍ରୋ-ଏଫ୍	n	root plant			1			
471	tDauGwm	tDauGwm	ତ୍ରୋ-ଦ୍ୟୁ-ଗୁ-ଏମ୍	n	equator		1				
472	tDvufx7Gef	tDvufx7Gef	ତ୍ରୋ-ଦ୍ୟୁ-ଫୁ-ଏଫ୍	n	electron			1			
473	tDvufx7Gefepf	tDvufx7Gefepf	ତ୍ରୋ-ଦ୍ୟୁ-ଫୁ-ଏଫ୍-ଏଫ୍	n	electronic			1			
474	at'D	at'D	ଅଟ୍-ଏଟ୍-ଡ଼ି	n	AD		1				
475	atmf8ef'D	atmf8ef'D	ଅଟ୍-ଏଟ୍-ଏଫ୍-ଏଫ୍-ଡ଼ି	n	organdy			1			
476	atmfwdk	atmfwdk	ଅଟ୍-ଏଟ୍-ଏଫ୍-ୱୁ-ଡ଼ି	n	auto		1				
477	atmfwdkua7pD	atmfwdkua7pD	ଅଟ୍-ଏଟ୍-ଏଫ୍-ୱୁ-ଡ଼ି-ଏୟୁ-୭-ପି-ଡ଼ି	n	autocracy		1				
478	atmfwdk87yf	atmfwdk87yf	ଅଟ୍-ଏଟ୍-ଏଫ୍-ୱୁ-ଡ଼ି-୧୮-ୟୁ-ଏଫ୍	n	autograph		1				
479	atmfwdkrufwp	atmfwdkrufwp	ଅଟ୍-ଏଟ୍-ଏଫ୍-ୱୁ-ରୁ-ଫୁ-ଏଫ୍	n	automatic		1				
480	atmf'g	atmf'g	ଅଟ୍-ଏଟ୍-ଏଫ୍-ଗୁ	n	order		1				
481	atmfy7m	atmfy7m	ଅଟ୍-ଏଟ୍-ଏଫ୍-ଯୁ-ଏମ୍	n	opera		1				
482	atmfya7wm	atmfya7wm	ଅଟ୍-ଏଟ୍-ଏଫ୍-ୟୁ-ଏୟୁ-୧୮-୨୦୦	n	operator		1				
483	atmfvD8ef;	atmfvD8ef;	ଅଟ୍-ଏଟ୍-ଏଫ୍-ୱୁ-ଡ଼ି-୧୮-୧୦୦	n	oligun		1				
484	tdkAmpD,m	tdkAmpD,m	ଟଙ୍କୁ-ଏପ୍-ଡ଼ି-ଏଫ୍-ଏଫ୍	n	over-seer			1			
485	tdkAmwdkif	tdkAmwdkif	ଟଙ୍କୁ-ଏମ୍-ୱୁ-ଡ଼ି-ଏଫ୍	n	over-time			1			

494	atmufpD8sif	atmufpD8sif	☞★☒☞•❶☞	n	oxygen		1				
495	atmufqdk'f	atmufqdk'f	☞★☒☞•❶❷❸❹	n	oxide		1				
496	atmufwdkbm	atmufwdkAm	☞★☒☞•❶❷❸❹	n	October		1				
497	atmuf'dk;	atmuf'dk;	☞★☒☞•❶❷❸❹	n	out-door		1				
498	tdkufpu7if	tdkufpu7if	☒☒☒☒☒	n	ice-cream		1				
499	tdkuwfif	tdkuwfif	☒☒☒☒☒	n	acting		1				
500	tif8sif	tif8sif	☞❶❷❸❹❻❽	n	engine		1				
501	tif8sifeD,m	tif8sifeD,m	☞❶❷❸❹❻❽	n	engineer		1				
502	tifydkif,m	tifyg,m	☞❶❷❸❹❻❽	n	empire		1				
503	tif;qufydk;	tif;qufydk;	☞❶❷❸❹❻❽	n	insect						1
504	tefwmwdwf	tefwmwdwf	❶❷❸❹❻❽	n	antartic		1				
505	atmifp	atmifZ	❶★❷❸❹❻❽	n	ounce			1			
506	tdkiftdk'if;	tdkiftdk'if;	❶❷❸❹❻❽	n	iodine		1				
507	t,f'Dwm	t,f'Dwm	❶❷❸❹❻❽	n	editor		1				
508	t,fvbrf	t,fvAef	❶❷❸❹❻❽	n	album		1				
	"										
509	"u	atumH	❶❷❸❹❻❽	n	acre			1			
510	"jyD	atyDs	❶❷❸❹❻❽	n	April		1				
511	"7d,m	at7d,m	❶❷❸❹❻❽	n	area		1				
512	jo8kwf	atm8kwf	☒☒❶❷❸❹❻❽	n	August		1				
	TOTAL		512			17	246	182	15	49	3
	Percentage of Total Borrowings		100			3.32	48.05	35.5	2.93	9.57	0.59
	Total of Types of Borrowings		512			445		64			3
	Percentage of Types of Borrowings		100			86.91		12.50			0.59
	Percentage of Manner of Borrowings					3.82	55.28	40.9	23.4	76.6	100
						100		100			100