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Deviation from the standard pronunciation of English: 350 words in Pakistani English



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Abstract

A list of 350 words that deviate in pronunciation from the standard English pronunciation of these words has been suggested in the present study. To highlight the deviant pronunciation of these words from the standard pronunciation, a wordlist based on observation has been suggested. Transcription of the words according to the British, American, and Pakistani phonetic variants has been given. The general phonological patterns of the pronunciation of these English words by Pakistani speakers as non-native learners of English have also been suggested. The deviation can be found in terms of the elongation of sounds, insertion or omission of schwa, pronunciation of diphthongs as monophthongs, stress patterns, and focus on spellings than sounds. The study not only highlights the unique phonological features of Pakistani English but also offers an opportunity for Pakistani teachers and learners to focus on these words while teaching or learning how to pronounce English words correctly. The study has implications for TESOL, EFL, SLA, and contrastive phonetics and phonology.

Keywords: Pakistani English; RP; American English; TESOL; IPA Chart; Contrastive Analysis

1. Introduction

The study identifies English words that are pronounced differently, due to lack of knowledge, problems with listening, or most importantly first language influence, by the educated Pakistani speakers living in the province Punjab. English, as an international language, has remarkably influenced the other languages in the world, while it has also been affected by other languages simultaneously. "People not only employ English expressions out of need but also due to willingness and desire to be associated with the elite and educated class. This impact has led to a world-wide language variation on a large scale" (Riaz, 2019, p. 412). Mostly, speakers belonging to different regions and nationalities in the world speak it according to their native language constraints. Similarly, the pronunciation of English spoken by Pakistani speakers is also naturally and dominantly influenced

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by their native languages such as Urdu, Punjabi, Pashto, and Saraiki, etc. English, by the educated community in Pakistan, is either employed for speaking thoroughly in English for academic, business, or professional purposes or at least through code-mixing and code-switching in their day-to-day communication. English is also the medium of instruction in most of the institutes and is also considered as a symbol of social status and qualification in Pakistan.

The differently pronounced words suggested in this study cannot be considered as mispronounced because "Pakistani English (PE) has its own linguistic features some of which differ from the British English" (Syed, 2013, p. 59). "Pakistani English is an emerging independent variety...[which] is undergoing the process of localization and the impact of local languages has been the main cause of the language variation" (Baumgardner 1993; in Ahmad and Ali, 2014, p. 62). Kachru (1983) also proclaims Pakistani English as a South Asian variety of English. Highlighting such deviations doesn't aim at degrading anyone because English is learnt as a second language in Pakistan and it is quite natural that the speakers have their unique style. Researchers of language believe that "SLA is influenced by the learners' first language (L1) to varying degrees. The clear support for this belief comes from foreign accents in the L2 speech of learners" (Maniam, 2010, p. 4). The words suggested in the present study are not generalizable to the entire population but apply to the vast majority ofeducated speakers who live in Punjab, Pakistan.

1.1. Review of Related Literature

Rehman (1990), Jabeen, et al., (2012), Nadeem (2013), Sheikh (2012), Shabbir, et al., (2013), Syed (2013), Mahmood (2011), and Riaz (2015) researched different features of Pakistani English. Jabeen, et al., (2012) suggested that epenthesis is a regular and prominent phonetic feature of Pakistani English. Pakistani speakers insert a short vowel sound before or in the syllable consonant regularly and there is no gender-based difference in this regard.

Nadeem (2013) found that Pakistani learners of English do not employ proper stress patterns. It results in confusion between different word categories such as nouns, verbs, and adjectives and conveys wrong meanings to the listeners. Sheikh (2012) noted that in Pakistani English / \mathfrak{d} / is pronounced as /æ/ and /p/ and /p: / as /a:/. Similarly, other vowel sounds are structured and realized differently from RP. She suggested that the vowels in Pakistani English that need to restructure according to RP are /e/, /æ/, /p/, /3/, and / \mathfrak{d} /. Shabbir et al (2013) suggested that speakers of standard English pronounce voiced and unvoiced /th/ sound as / \mathfrak{d} / and / \mathfrak{d} /, while the Pakistani English speakers pronounce voiced and unvoiced /th/ as /th/ and /d/. Mahmood (2011) noted that the phonological patterns of vowel sounds are distinctly different in Pakistani English. Javed and Ahmad (2014), after studying speeches of 440 Pakistani college students, noted that "the participants poorly pronounced multisyllabic words, diphthongs, triphthongs, unvoiced sounds, interrogative sentences, and declarative sentences" (p. 19). Riaz (2015) suggested 195 English words that are differently pronounced by uneducated native Punjabi speakers of English in Pakistan.

The present study suggests words along with their transcription and phonological patterns of realizing or perceiving vowels, consonants, epenthesis, stress patterns, and sound-spelling relationship, etc. It is different from the previous studies in that it not only suggests a transcribed list of words with deviant pronunciation employed by educated Pakistani speakers of English in Punjab but also displays the general patterns of the realization of sounds.

1.2. Research questions

1. Which words spoken by educated Pakistani speakers of English phonetically deviate from standard English?

2. What are the general phonological patterns of deviation?

1.3. Significance of the study

The study highlights the unique phonetic features of English spoken by Pakistani educated people and familiarizes the teachers, learners, and researchers with a list of differently pronounced words, as well as the consonant and vowel systems of Pakistani English. Reid (2016) notes, "role of teaching pronunciation in schools is very unfavourable next to teaching grammar or vocabulary. This is a problem of English teaching in many countries. Experienced teachers are not keen to teach pronunciation" and claims that lack of clear guidance and well-structured exercises hinder the effective teaching of standard pronunciation (p. 20). Besides, mispronunciation may lead to miscommunication or communication failure (Ghorbani, 2019, p. 402), while pronunciation is a "neglected and excluded component of language teaching and learning" (Yürük, 2020, p. 138), therefore, to improve accuracy and intelligibility, learners may pay attention to the standard pronunciation of these words and teachers may help them achieve this goal. People from Pakistan appear for TOEFL and IELTS for going to America, England, and other countries to study or do jobs, therefore, they should learn the standard pronunciation of English words. Therefore, teachers need to pay more attention to the phonetic features of Pakistani speakers' English. As Ghorbani (2019) confirms that transcription helps improve stress patterns and pronunciation of English (p. 406), the word list suggested in this study may help the learners. It will also help the researchers in carrying out further research concerning second language acquisition, Pakistani English, and phonetics and phonology.

1.4. Delimitations

The study has been delimited to the speakers of the province Punjab in Pakistan where most of the people speak Punjabi as their mother tongue and Urdu as their national language. Urdu is also spoken as a first language by many speakers. Many of them, especially those living in cities, learn Urdu and Punjabi simultaneously. The methodology has also been delimited to observation and preparation of word lists.

2. Methodology

It is an exploratory-qualitative study. A list of words that are differently pronounced by the Pakistani educated speakers has been made through observation. Many teachers and learners of English contributed to the making of this wordlist. They had been asked to suggest words that Pakistani speakers pronounce differently. It has been endeavored to prepare a list of as many words as possible and finally, the author included 350 words in the list after observing the frequency or recurrence of these words in the wordlists suggested by the observers in general. Professionals, teachers, graduate, undergraduate, and postgraduate students have been generally observed over a decade. A general observation of the English pronunciation of educated people throughout the academic and professional career of the author helped come up with the most deviant phonetic variants. Not all the words having deviant pronunciation could be added to the list due to the limitation of space and the similarity or repetition of certain sounds, for instance, boy and joy. Not all the educated speakers in Pakistan pronounce all these words like this because they have diverse linguistic and academic backgrounds and levels of motivation so far as the learning of English as a foreign language is concerned, but many of these words are surely pronounced like that by individuals. Moreover, the vast majority display phonetic features of Pakistani English as suggested in the present study. Oxford Dictionary and IPA chart have been used for transcribing the words for British, North American, and Pakistani ways of pronouncing these words. The patterns of differences in pronunciation of Pakistani speakers and standard British or American pronunciation have also been suggested and discussed.

3. Results

The following is a list of words with deviant pronunciation along with their transcription. The transcriptions of words in North American pronunciation, which were the same as those in the British English pronunciation, have not been added. /e:/ in words such as anyway, alternative, or birthday in the transcription of words pronounced by Pakistani speakers has been used to signify a sound, which as opposed to diphthong /eɪ/, is pronounced as a monophthong which is different from /e/ and shorter than /eɪ/.

Table 1. 350 differently pronounced words in Pakistani English as compared to BE and NAmE

Serial No.	Words	British English Pronunciation	Pakistani Pronunciation	North American Pronunciation
1.	Atmosphere	/ˈætməsfɪə(r)/	/et'mɒsfɪər/	/ˈætməsfɪr/
2.	Attribute	/əˈtrɪbjuːt/	/ˈætrɪbjuːt /	
3.	Although	/ɔ:l'ðəʊ/	/a:l'ðʊ /	/ɔ:l'ðου/
4.	Audience	/ˈɔ:diəns/	/ˈaːdiəns /	
5.	Attorney	/əˈtɜːni/	/əˈtɑːrniː/	/əˈtɜːrni/
6.	Abbreviation	/əˌbriːviˈeɪʃn/	/ˌebreviˈeɪʃən/	
7.	Abroad	/əˈbrɔːd/	/ebˈrɔːd /	
8.	Acid	/ˈæsɪd/	/ˈeɪsəd /	
9.	Aisle	/aɪl/	/eɪzəl/	
10.	Adjective	/ˈædʒɪktɪv/	/ed'd3ektiv/	
11.	Advice	/əd'vais/	/ed'vais/	
12.	Alcohol	/ˈælkəhɒl/	/əlˈkʊhəl/	/ˈælkəhɑːl/
13.	All	/ɔ:1/	/a:1/	
14.	Academic	/ˌækəˈdemɪk/	/ˌəˈkædmɪk/	
15.	Africa	/ˈæfrɪkə/	/əfˈrɪːkɑː/	
16.	Accept	/əkˈsept/	/ıkˈsept/	
17.	Adjust	/əˈdʒʌst/	/ed'd3Ast/	
18.	April	/'eɪprəl/	/ˈæprəl/	
19.	Audio	/ˈɔːdiəʊ/	/ˈaːdioʊ/	/ˈɔːdioʊ/
20.	Advertisement	/əd'v3:tɪsmənt/	/edvərˈtaɪzment/	ˈædvərˈtaɪzmənt
21.	Asterisk	/ˈæstərɪsk/	/esˈtærɪk/	
22.	Anyway	/'eniweɪ/	/ˈæniːw <u>e:</u> /	
23.	Aegis	/'i:d31s/	/' <u>e:</u> dʒɪs/	/'i:d31s/
24.	Accessory	/əkˈsesəri/	/əˈsesəri:/	
25.	Accessible	/əkˈsesəbl/	/əsesibəl/	

26.	Accident	/'æksidənt/	/'æksi:dent/	
27.	Assume	/əˈsjuːm/	/eˈzjuːm/	/əˈsuːm/
28.	Alternative	/ɔːlˈtɜːnətɪv/	/ 'a:ltərn <u>e:</u> tɪv/	
29.	Also	/ˈɔːlsəʊ/	/'a:lsv/	/ˈɔːlsoʊ/
30.	Attitude	/ˈætɪtjuːd/	/ˈætɪːtʃjuːd/	
31.	Appreciate	/əˈpriːʃieɪt/	/ˈæpriːʃieɪt/	
32.	Allergy	/ˈælədʒi/	/əˈlərdʒiː/	
33.	Asthma	/ˈæsmə/	/ˈesθma:/	/ˈæzmə/
34.	Abandon	/əˈbændən/	/əˈbəndən/	
35.	Allocate	/ˈæləkeɪt/	/ˈælʊkeɪt/	
36.	Ball	/bɔ:1/	/ba:1/	
			/bɒl/	
37.	Bowl	/bəʊl/	/ˈbɑːəʊl/	/boul/
38.	Banana	/bəˈnɑːnə/	/beˈnɑːnɑː/	/bəˈnænə/
39.	Butterfly	/'bʌtəflaɪ/	/ˈbʌtərflaɪ/	
40.	Birthday	/ˈbɜːθdeɪ/	/ˈbərθd <u>e:</u> /	
41.	Bacteria	/bækˈtɪəriə/	/bækˈteɪriɑ:/	/bækˈtɪriə/
42.	Bargain	/'ba:gən/	/'ba:rgein/	/ˈbɑːrgən/
43.	Bulldozer	/ˈbʊldəʊzə(r)/	/ˈbʌldoʊzər /	/ˈbʊldoʊzər/
44.	Blanket	/'blæŋkɪt/	/ˈblæŋkət/	
45.	Breakfast	/'brekfəst/	/'breikfa:st/	
46.	Because	/bɪˈkɒz/ /bɪˈkəz/	/bɪˈkɑːz/	/bɪˈkɔːz/ /bɪˈkʌz/
47.	Ballpoint	/ 'bo:lpoint /	/ 'ba:lpoint /	
			/'ba:lpvænt/	
48.	Balloon	/bəˈluːn/	/bæˈluːn/	
49.	Bury	/ 'beri /	/ 'bʌri:/	
50.	Bureaucracy	/bjʊəˈrɒkrəsi/	/'bjʊroʊkreɪsi:/	/bjʊˈrɑːkrəsi/
51.	Betray	/ bɪˈtreɪ /	/bɪːˈtreɪ/	
52.	Chair	/ tʃeə(r) /	/tʃeɪr/	
53.	Carpet	/'ka:pit/	/ˈkɑːrpət/	/ˈkɑːrpɪt/
54.	College	/ ˈkɒlɪdʒ /	/ ˈkɑːlədʒ /	/ˈkɑːlɪdʒ/
55.	Champion	/tʃæmpiən/	/tʃempiən/	
56.	Challenge	/ˈtʃalɪn(d)ʒ/	/ˈtʃalən(d)ʒ/	
57.	Challenge	/ ˈtʃælɪndʒ /	/ ˈtʃæləndʒ /	
58.	Cupboard	/ ˈkʌbəd /	/ ˈkʌpbərd /	/ˈkʌbərd/
59.	Coherence	/ kəʊˈhɪərəns /	/ kʊˈheɪrens /	/ koʊˈhɪrəns /

60.	Contraction	/ kənˈtrækʃn /	/ ˈkɒntrækʃən /	
61.	Chemistry	/ 'kemɪstri /	/ kəˈmɪstriː /	
62.	Core	/ kə:(r) /	/ kour/	/ ko:r/
63.	Comment (n)	'kpment	/kəˈment/	/'ka:ment/
64.	Colleagues	/ ˈkɒliːg /	/kʊˈliːg /	/ 'ka:li:g /
65.	Component	/ kəmˈpəʊnənt /	/ 'kpmpoonent /	/ kəmˈpoʊnənt /
66.	Canal	/ kəˈnæl /	/ ke'na:1 /	
67.	Cargo	/ 'ka:gəʊ /	/ 'ka:rgv /	/ ˈkɑːrgoʊ /
68.	Congratulations	/ kən ˈgrætʃuˈleɪʃn /	/ kɒnˌgˈrætʃuːleɪʃən /	
69.	Conversation	/ ˌkɒnvəˈseɪʃn /	/ ˈkənvərseɪʃən /	/ka:nvərˈseɪʃn/
70.	Cricket	/ 'krıkıt /	/ 'kırkət /	
71.	Caller	/ 'kɔ:lə(r) /	/ ˈkɑːlər /	/ˈkɔːlər/
72.	Call	/ kɔ:1 /	/ ka:1 /	
73.	Confirm	/ kənˈfɜ:m /	/ kənˈfərəm /	
74.	Certificate	/ səˈtɪfɪkət /	/ ˈsəltɪfɪk <u>e:</u> t /	
			/ 'sə(r)tıfık <u>e:</u> t /	
			(monophthong)	
75.	Credit	/ 'kredit /	/ kˈrædət /	
76.	Clinic	/ 'klınık /	/ ˈklɪːnək /	
77.	Candidate	/ ˈkændɪdət /	/ ˈkænɪd <u>eɪ</u> t /	
		/ˈkændɪdeɪt/		
78.	Career	/ kəˈrɪə(r) /	/ˈkærɪər/	/kəˈrɪr/
79.	Commitment	/ kəˈmɪtmənt /	/ ko 'mitment/	
80.	Cassette	/ kəˈset /	/ 'k <u>er</u> sət /	
81.	Catastrophe	/ kəˈtæstrəfi /	/ 'kætəst'ra:fi /	
82.	Curriculum	/ kəˈrɪkjələm /	/ ˈkərɪkuːləm /	
83.	Cement	/ si'ment /	/ 'sɪ:mənt /	
84.	Campaign	/kæm'pein/	/kəm'peın/	
85.	Character	/ ˈkærəktə(r) /	/ kəˈræktər /	/ˈkærəktər/
86.	Correct	/ kəˈrekt /	/ k'rekt /	
87.	Corps	/ kɔ:z /	/ 'ka:(r)ps /	/kɔ:rz/
88.	Continuous	/kənˈtɪnjuəs/	/kpn'tɪnju:s/	
89.	Celebrity	/səˈlebrəti/	/ˈselebrɪti:/	
90.	Chalk	/tʃɔːk/	/tʃa:k/	
91.	Close	/kləʊs/	/kloʊz/	
92.	Cinema	/ˈsɪnəmə/	/'senma:/	

		/ˈsɪnəmɑː/		
93.	Clerk	/kla:k/	/k'lərk/	/kl3:rk/
			/k'lərək/	
94.	Coupon	/ˈkuːpɒn/	/ˈkuːpən/	/ˈkjuːpɑːn/
95.	Divorce	/ dɪˈvɔ:s /	/ daɪˈvɔːrs /	/dɪˈvɔːrs/
96.	Delete	/ dɪˈliːt /	/ dəˈliːt /	
97.	Debt	/det/	/'debt/	
98.	Data	/ 'deɪtə /	/ 'de:ta:/	/'deɪtə/
		'dɑ:tə		/ˈdætə/
99.	Date	/ deɪt /	/ 'd <u>e:</u> t / (monophthong)	
100.	Democracy	/ dɪˈmɒkrəsi /	/ demok'reisi:/	/dɪˈmɑːkrəsi/
101.	Disadvantage	/_disəd'va:ntid3/	/,dis'edventeid3/	/_disəd'væntidʒ/
102.	Doctrine	/ ˈdɒktrɪn /	/ 'dvktrain /	/'da:ktrɪn/
103.	Dietician	/ ˌdaɪəˈtɪʃn /	/ ˌdaɪˈtɪʃən /	
104.	Demonstrate	/'demənstreɪt/	/'dimpnstreit/	
105.	Daughter	/ 'dɔ:tə(r) /	/ 'da:ctər /	/ˈdɔːtər/
106.	Determine	/dɪˈtɜ:mɪn/	/dɪˈtərmaɪn/	
107.	Development	/dɪ'veləpmənt/	/dəˈveləpment/	
108.	Derogatory	/ dɪˈrɒgətri /	/ ˌdærʊˈgeɪtri:/	/dɪˈrɑːgətɔːri/
109.	Denotation	/ di:nəʊˈteɪʃn /	/ 'denouteiʃən /	/ˌdiːnoʊˈteɪʃn/
110.	Definition	/ˌdefiˈnɪʃn/	/_defi'neifən/	
111.	Deviation	/ˌdiːviˈeɪʃn/	/ˌdeviˈeɪʃən/	
112.	Dilemma	/dɪˈlemə/	/'daɪlmɑ:/	
		/darˈlemə/		
113.	Debris	/'debri:/	/'debris/	
114.	Donkey	/ˈdɒŋki/	/ˈdəŋkiː/	/ˈdɑːŋki/
115.	Demon	/'di:mən/	/'demən/	
116.	Entertainment	/ entə teinmənt /	/entər'teinment /	
117.	Experience	/ ıkˈspɪəriəns /	/ eks 'pı:riəns /	
118.	Exclusive	/ ıkˈskluːsıv /	/ ekskˈluːsɪv /	
119.	External	/ ıkˈstɜ:nl /	/ eksˈtərnəl /	/ıkˈstɜ:rnl/
120.	Escape	/ ıˈskeɪp /	/ esˈkeɪp /	
121.	Economics	/ iːkəˈnɒmɪks /	/ ik'na:mɪks /	/ˌiːkəˈnɑːmɪks/
		ekə nomiks	/ˌik'nɒmɪks/	/ˌekəˈnɑːmɪks/
122.	Earring	/ˈɪərɪŋ/	/ˈ <u>e:</u> rɪng/	/'ırıŋ/
123.	Engineer	/	/ˌinˈdʒɪːnɪər /	/end31'n1r/

124.	Era	/ '1ərə /	/'1:r a :/	/ˈɪrə/
			/ˈærɑ:/	/'erə/
125.	Engine	/'endʒɪn /	/ˈɪndʒən /	
126.	Engagement	/in'geidzmənt/	/in'geind3ment/	
127.	Enjoy	/ın'dʒɔɪ /	/ɪnˈdʒɔ <u>eɪ</u> /	
			/ɪnˈdʒʊ <u>aɪ</u> /	
128.	Entrepreneur	/ˌpntrəprəˈnɜ:(r)/	/'entər preniour/	/ˌa:ntrəprəˈnɜ:r/
129.	Epitome	/ıˈpɪtəmi /	/'epitoum/	
130.	Event	/ı'vent /	/ɪːˈvənt /	
131.	Energy	/ˈenədʒi /	/ɪˈnərdʒiː/	
132.	Equation	/ıˈkweɪʒn/	/ɪˈkʊeɪʃən/	
133.	Encore	/'pŋkɔ:(r) /	/eŋˈkoʊr /	/ˈɑːŋkɔːr/
134.	Forty	/'fɔ:ti /	/'fa:ti: /	/ˈfɔːrti/
135.	Frog	/frog /	/fˈrɑːg /	/fro:g/ /fra:g/
136.	Formal	/ 'fɔ:ml /	/ ˈfɑ:rməl/	/'fə:rml/
137.	Film	/ fɪlm /	/fiˈləm/	
138.	Fiancé	/ fiˈɒnseɪ /	/fi'a:nsi:/	/fi:a:n'seɪ/
		fi'a:nsei		
139.	Fiancée	/ fiˈɒnseɪ /	/ fi'a:nsi: /	/ˌfiːɑːnˈseɪ/
140.	Floor	/ flo:(r) /	/ f'lour /	/flo:r/
141.	Fall	/ fo:1/	/ fa:1 /	
142.	Flour	/ ˈflaʊə(r) /	/ fˈlaʊwər /	/ˈflaʊər/
143.	Forward	/ 'fɔ:wəd /	/ 'fa:rwə(r)d /	/ˈfɔːrwərd/
			/ 'fɒrwə(r)d /	
144.	Faculty	/ˈfæklti/	/ ˈfækəltiː /	
145.	Frequency	/ ˈfriːkwənsi /	/ 'fri:koensi:/	
146.	Foliage	/ˈfəʊliɪdʒ/	/ˈfoʊlieɪdʒ/	/ˈfoʊliɪdʒ/
147.	Fountain	/ ˈfaʊntən /	/ ˈfəʊnteɪn /	/ˈfaʊntn/
148.	Geography	/ dʒiˈɒgrəfi /	/ dʒiˈʊgrɑːfiː/	/dʒiˈaːgrəfi/
149.	Genuine	/ ˈdʒenjuɪn /	/ ˈdʒenʊən /	
			/ˈdʒenɪən/	
150.	Gesture	/ˈdʒestʃə(r)/	/'gestʃər/	/ˈdʒestʃər/
151.	Government	/ 'gʌvənmənt /	/ˈgəʊrment/	
			/ˈgəʊrmɪnt/	
152.	Gait	/ geit /	/ <u>ge:</u> t /	
			(monophthong)	

153.	Garbage	/ 'ga:bidʒ/	/ 'ga:rbeidʒ /	/ˈgaːrbɪdʒ/
154.	Genre	/ ˈʒɒ̃rə /	/ dʒenˈreɪ /	/'3a:nrə/
		'3pnrə	/ˈjɒnrɑː/	
155.	Go	/ gəʊ /	/ gʊ/	/goʊ/
156.	Girl	/g3:1/	/ˈgərl/	/gɜ:rl/
157.	General	/ˈdʒenrəl/	/ˈdʒənrəl/	
158.	Google	/ˈguːgl/	/ˈguːgəl/	
159.	Garage	/ˈgæraːʒ/	/gˈraːdʒ/	/gəˈra:ʒ/
		/ˈgæraːdʒ/		/gəˈrɑːdʒ/
		/gærīdʒ/		
160.	Gigantic	/dʒaɪˈgæntɪk /	/d3 gæntik /	
			/gaɪˈgæntɪk /	
161.	Group	/gruːp/	/gˈrʊp/	
162.	Here	/hɪə(r)/	/h <u>eɪ</u> r/	/hɪr/
163.	Helmet	/'helmɪt/	/ˈhælmət/	
164.	Hospital	/ˈhɒspɪtl/	/ˈhɒspɪtəl/	/'ha:spitl/
			/'ha:spitəl/	
165.	Hostel	/ˈhɒstl/	/'ha:stəl/	/'ha:stl/
166.	Hall	/hɔ:1/	/ha:1/	
167.	Heinous	/'heməs/	/ˈhɪːnɪəs/	
168.	Humanities	/hjuːˈmænəti/	/huːˈmæntiː/	
169.	Horizon	/həˈraɪzn/	/ˈhɒrɪzən/	
170.	Hypocrisy	/hɪˈpɒkrəsi/	/hɪˈpʊkreɪsiː/	/hɪˈpɑːkrəsi/
171.	Handsome	/ˈhænsəm/	/ˈhændsəm/	
172.	Hepatitis	/,hepə'taɪtɪs/	/'hepa:'taɪtəs/	
173.	Hierarchy	/ˈhaɪərɑːki/	/hɪˈrɑːrki/	/ˈhaɪərɑːrki/
174.	Horse	/hɔ:s/	/'ha:rs/	/hɔːrs/
			/'hours/	
175.	Idea	/aɪˈdɪə/	/ˈaɪdɪɑ:/	/aɪˈdiːə/
176.	Installment	/in'sto:lment/	/ms'ta:lment/	
177.	Information	/ˌɪnfəˈmeɪʃn/	/ˌɪnˈfɑːrmeɪʃən/	
178.	Informative	/ınˈfɔːmətɪv/	/'infər'meitiv/	/ınˈfɔːrmətɪv/
			/ınfa:r'meıtıv/	
179.	Immediately	/ɪˈmiːdiətli/	/ıˈmiːdʒieɪtliː/	
180.	Interrogative	/ˌintəˈrɒgətiv/	/ˌin'terogeitiv/	/ˌintəˈrɑ:gətɪv/
181.	Indictment	/ın'daıtmənt/	/in'dictment/	

182.	January	/ˈdʒænjuəri/	/ˈdʒænvriː/	
183.	Jaw	/dʒɔ:/	/d3a:/	
184.	Jewelry	/ˈdʒuːəlri/	/dʒˈjuːlri/	
185.	Laboratory	/ləˈbɒrətri/	/lɪˈbɑː(r)təri/	ˈlæbrətɔːri
186.	Lieutenant	/lef'tenənt/	/'leftinent/ /'lju:tinent/	lu: 'tenənt
187.	Little	/'lrtl/	/ˈlɪtəl/	/'lɪtl/
188.	Law	/lɔ:/	/la:/	
189.	Loose	/lu:s/	/lu:z/	
190.	Learning	/ˈlɜːnɪŋ/	/ˈlərnɪng/	
191.	Lunatic	/ˈluːnətɪk/	/lju: 'netɪk/	
192.	Literature	/ˈlɪtrətʃə(r)/	/ˈlɪtreɪtʃə(r)/	'lıtrət∫ər
193.	Language	/ˈlæŋgwɪdʒ/	/ˈlæŋguɪdʒ/	
194.	Library	/ˈlaɪbrəri/	/ˈlaɪbreɪriː/	
195.	Management	/ˈmænɪdʒmənt/	/mæ'neid3ment/	
196.	Multinational	/ˌmʌltiˈnæʃnəl/	/ˌmʌlˈtaɪˈnæʃnəl/	
197.	Measure	/'meʒə(r)/	/'məɪʌr/	'meʒər
198.	Milieu	/miːˈljɜː/	/ˈmɪljuː/	
199.	Modern	/'mpdn/	/'mpdrən/	'maːdərn
200.	Modernity	/məˈdɜːnəti/	/mpˈdərnəti/	məˈdɜːrnəti/
201.	Model	/'mpdl/	/ˈmaːdəl/	/ˈmaːdl/
202.	Manager	/ˈmænɪdʒə(r)/	/mæˈneɪdʒər/	/ˈmænɪdʒər/
203.	Mixed	/mɪkst/	/mɪksd/	
204.	Metabolism	/məˈtæbəlɪzəm/	/meˈtɑːbʊlɪzəm/	
205.	Monotony	/məˈnɒtəni/	/moˈnɑːtniː/	/məˈnɑːtəni/
206.	Mentor	/'mento:(r)/	/'mentər/	/'mento:r/
207.	Mature	/məˈtʃʊə(r)/	/mæˈtəʃoʊr/	/məˈtʃʊr/
208.	Mischievous	/ˈmɪstʃɪvəs/	/mɪsˈtʃīːvɪəs/	
209.	Molecular	/məˈlekjələ(r)/	/ˈmɒlɪkjʊlər/	
210.	Monk	/maŋk/	/mɒnk/	
211.	Naughty	/ˈnɔːti/	/'na:ti:/	
212.	Normal	/ˈnɔːml/	/'na:rməl/	/ˈnɔːrml/
213.	Necklace	/'nekləs/	/ˈnækləs/	
214.	Negative	/'negətiv/	/'negeɪtɪv/	
215.	Natural	/ˈnætʃrəl/	/'neɪtʃrəl/	
216.	Nobel	/ˌnəʊbel	/ˌnʊbəl	
217.	Orange	/'prindʒ/	/'oureind3/	/'a:rınd3/

218.	Oven	/'Avn/	/ˈʊvən/	
219.	Opponent	/əˈpəʊnənt/	/'ppounent/	/əˈpoʊnənt/
220.	Obedient	/əˈbiːdiənt/	/oˈbiːdient/	
221.	Obstacle	/ˈɒbstəkl/	/ˈɒbsˈtækəl/	
222.	Obviously	/ˈɒbviəsli/	/ˈɒviəsliː/	/ˈaːbviəsli/
223.	Occasion	/əˈkeɪʒn/	/ʊˈkəɪʒən/	
224.	Probably	/ˈprɒbəbli/	/pˈrɑːbebliː/	/ˈprɑːbəbli/
225.	Physics	/ˈfɪzɪks/	/fˈzɪks/	
226.	Piercing	/ˈpɪəsɪŋ/	/'pairsiŋ/	/'pirsiŋ/
227.	Particularly	/pəˈtɪkjələli/	/pəˈtɪkuːlərli/	
228.	Precise	/priˈsaɪs/	/pərˈsaɪz/	
229.	Parents	/'peərənt/	/'peirent/	perant
230.	Play	/pleɪ/	/pl <u>e:</u> /	/pleɪ/
231.	Poison	/ˈpɔɪzn/	/ˈpɑːɪzən/	
232.	Police	/pəˈliːs/	/pʊˈliːs/	
233.	Picture	/ˈpɪktʃə(r)/	/'pɪktʃʌr/	/ˈpɪktʃər/
234.	Program	/'prəʊgræm/	/'progra:m/	/'proogræm/
235.	Photography	/fəˈtɒgrəfi/	/ˈfoʊtʊgrɑːfi/	/fəˈtɑːgrəfi/
236.	Prefer	/prɪˈfɜ:(r)/	/pˈrefər/	/prɪˈfɜːr/
237.	Parlor	/'pa:lə(r)/	/'paurlər/	/'pa:rlər/
238.	Poor	/pɔ:(r)/	/'pu:ər/	/pɔ:r/
		puə(r)		/por/
239.	Phone	/fəʊn/	/fuːn/	
240.	Plumber	/ˈplʌmə(r)/	/'p'lʌmbər/	/'pl\metar/
241.	Policy	/ˈpɒləsi/	/ppˈlɪːsi/	/ˈpɑːləsi/
242.	Position	/pəˈzɪʃn/	/pʊˈzɪːʃən/	
243.	Pronunciation	/prəˌnʌnsiˈeɪʃn/	/pro nansi ei ʃən/	
244.	Presentation	/prezn'teisn/	/prezən'teɪʃən/	/pri:zen'teisn/
245.	Prescription	/prīˈskrīp∫n/	/presk'rɪpʃən/	
246.	Pleasure	/'ple3ə(r)/	/ˈpləɪʒər/	/'pleʒər/
247.	Power	/'pauə(r)/	/'paːvər/	/ˈpaʊər/
248.	Protagonist	/prəˈtægənɪst/	/prəˈtægʊnɪst/	
249.	Pattern	/'pætn/	/'pætrən/	/'pætərn/
250.	Perfect	/'p3:fikt/	/pərˈfekt/	/'p3:rfikt/
251.	Precious	/'preʃəs/	/seilin'd/	
252.	Photostat	/ˈfəʊtəstæt/	/'footosteit/	/ˈfoʊtəstæt/

253.	Poem	/ˈpəʊɪm/	/ˈpʊɪm/	/ˈpəʊəm/
254.	Poverty	/ˈpɒvəti/	/pəʊˈvərtiː/	/'pa:vərti/
255.	Potato	/pəˈteɪtəʊ/	/pʊˈtætoʊ/	/pəˈteɪtoʊ/
256.	Prestigious	/preˈstɪdʒəs/	/prisˈtidʒiəs/	
257.	Purpose	/'p3:pəs/	/'p3:rpəz/	/'pa:rpəs/
258.	Propose	/prəˈpəʊz/	/pərˈpoʊz/	/prəˈpoʊz/
259.	Product	/'prodakt/	/'pəroudakt/	/'pra:dnkt/
260.	Platform	/'plætfɔ:m/	/p'leitfo:m/	/ˈplætfɔ:rm/
261.	Politician	/ˌpɒləˈtɪʃn/	/ˌpoʊlɪˈtɪʃən/	/ˌpaːləˈtɪʃn/
262.	Quarter	/'kwɔ:tə(r)/	/k'wa:tər/	
263.	Question	/ˈkwestʃən/	/kˈwe∫ən/	/ˈkwestʃən/
264.	Quality	/ˈkwɒləti/	/ˈkoɑːltiː/	/ˈkwɑːləti/
265.	Quarrel	/ˈkwɒrəl/	/k'werəl/	/ˈkwɑːrəl/
266.	Restore	/rɪˈstɔ:(r)/	/rɪːˈstɔːr/	/rɪˈstɔːr/
267.	Report	/rɪˈpɔːt/	/rəˈpɔːrt/	/rɪˈpɔːrt/
268.	Restaurant	/'restront/	/'resturent/	/'restəra:nt/
		'restra:nt		
269.	Royal	/ˈrɔɪəl/	/ˈrɔɪl/	
270.	Representative	/ˌreprɪˈzentətɪv/	/ ripri zenteitiv/	
271.	Robot	/ˈrəʊbɒt/	/rʊˈboʊt/	/'rouba:t/
272.	Record	/ˈrekɔːd/	/rɪˈkɑ:(r)d/	/ˈrekərd/
273.	Reign	/rein/	/rɪ:ən/	
274.				
2/4.	Recipient	/rɪˈsɪpiənt/	/rɪˈsɪːpient/	
275.	_	/rɪˈsɪpiənt/ /rɪˈsɪprəkl/	/rɪˈsɪːpient/ /ˈresɪprʊkəl/	
	Recipient	_	_	
275.	Recipient Reciprocal	/rɪˈsɪprəkl/	/ˈresɪprʊkəl/	
275.276.	Recipient Reciprocal Switch	/rɪˈsɪprəkl/ /swɪtʃ/	/ˈresɪprʊkəl/ /sˈvɪtʃ/	/ˈskedʒuːl/
275.276.277.	Recipient Reciprocal Switch Script	/rɪˈsɪprəkl/ /swɪtʃ/ /skrɪpt /	/ˈresɪprʊkəl/ /sˈvɪtʃ/ /ˈsəkrɪpt /	/ˈskedʒuːl/
275.276.277.	Recipient Reciprocal Switch Script	/rɪˈsɪprəkl/ /swɪtʃ/ /skrɪpt /	/ˈresɪprʊkəl/ /sˈvɪtʃ/ /ˈsəkrɪpt / /sˈkedʒu:əl/	/ˈskedʒuːl/ /ˈskʌlptʃər/
275.276.277.278.	Recipient Reciprocal Switch Script Schedule	/rɪˈsɪprəkl/ /swɪtʃ/ /skrɪpt / /ˈʃedjuːl/	/ˈresɪprʊkəl/ /sˈvɪtʃ/ /ˈsəkrɪpt / /sˈkedʒuːəl/ /ˈʃəduːl/	-
275.276.277.278.279.	Recipient Reciprocal Switch Script Schedule Sculpture	/rı'sıprəkl/ /switʃ/ /skript / /'ʃedju:l/ /'skʌlptʃə(r)/	/'resɪprʊkəl/ /s'vɪtʃ/ /'səkrɪpt / /s'kedʒu:əl/ /'ʃədu:l/ /s'kelptʃər/	/ˈskʌlptʃər/
275.276.277.278.279.280.	Recipient Reciprocal Switch Script Schedule Sculpture Secretary	/rɪˈsɪprəkl/ /swɪtʃ/ /skrɪpt / /ˈʃedjuːl/ /ˈskʌlptʃə(r)/ /ˈsekrətri/	/'resɪprʊkəl/ /s'vɪtʃ/ /'səkrɪpt / /s'kedʒu:əl/ /'ʃədu:l/ /s'kelptʃər/ /se'kərtri/	/ˈskʌlptʃər/
275.276.277.278.279.280.281.	Recipient Reciprocal Switch Script Schedule Sculpture Secretary Saw	/rɪˈsɪprəkl/ /swɪtʃ/ /skrɪpt / /ˈʃedjuːl/ /ˈskʌlptʃə(r)/ /ˈsekrətri/ /sɔː/	/'resiprokal/ /s'vitʃ/ /'sakript / /s'kedʒu:al/ /'ʃədu:l/ /s'kelptʃər/ /se'kərtri/ /sɑ:/	/ˈskʌlptʃər/
275.276.277.278.279.280.281.282.	Recipient Reciprocal Switch Script Schedule Sculpture Secretary Saw Shawl	/rɪˈsɪprəkl/ /swɪtʃ/ /skrɪpt / /ˈʃedjuːl/ /ˈskʌlptʃə(r)/ /ˈsekrətri/ /sɔː/ /ʃɔːl/	/'resiprokal/ /s'vitʃ/ /'səkript / /s'kedʒu:əl/ /'ʃədu:l/ /s'kelptʃər/ /se'kərtri/ /sa:/ /ʃɑ:l/	/ˈskʌlptʃər/
275.276.277.278.279.280.281.282.283.	Recipient Reciprocal Switch Script Schedule Sculpture Secretary Saw Shawl Sprite	/rɪˈsɪprəkl/ /swɪtʃ/ /skrɪpt / /ˈʃedjuːl/ /ˈskʌlptʃə(r)/ /ˈsekrətri/ /sɔː/ /ʃɔːl/ /spraɪt/	/'resiprokal/ /s'vitʃ/ /'səkript / /s'kedʒu:əl/ /'ʃədu:l/ /s'kelptʃər/ /se'kərtri/ /sa:/ /ʃɑ:l/ /'səprait/	/ˈskʌlptʃər/
 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 	Recipient Reciprocal Switch Script Schedule Sculpture Secretary Saw Shawl Sprite Screen	/ri'siprəkl/ /switʃ/ /skript / /'ʃedju:l/ /'skʌlptʃə(r)/ /'sekrətri/ /sɔ:/ /ʃɔ:l/ /sprait/ /skri:n/	/'resiprokal/ /s'vitʃ/ /'səkript / /s'kedʒu:əl/ /'ʃədu:l/ /s'kelptʃər/ /se'kərtri/ /sa:/ /ʃɑ:l/ /'səpraɪt/ /'səkri:n/	/ˈskʌlptʃər/

287.	Spread	/spred/	/ˈsəpred/	
288.	Strong	/stron/	/'sətra:ŋ/	/stro:ŋ/
289.	Suggestion	/səˈdʒestʃən/	/səˈdʒeʃən/	
290.	Syllabus	/ˈsɪləbəs/	/s'leɪbəs/	
291.	Sour	/ˈsaʊə(r)/	/'sour/	/ˈsaʊər/
292.	Salute	/səˈluːt/	/s'lju:t/	
293.	Symposium	/sımˈpəʊziəm/	/sım'poziəm/	/sɪmˈpoʊziəm/
294.	Sabotage	/ˈsæbətɑːʒ/	/ˈsæbʊtɑːdʒ/	
295.	Sovereignty	/ˈsɒvrənti/	/ˈsɒvrenɪti/	/ˈsɑːvrənti/
296.	Station	/ˈsteɪʃn/	/s'teɪʃən/	
297.	School	/sku:l/	/ɪsˈkuːl/	
298.	Soul	/səʊl/	/s <u>v</u> l/ (without glide in tongue)	/soul/
299.	Sew	/səʊ/	/sɪuː/	
300.	Saturday	/ˈsætədeɪ/	/ˈsætʃərdeɪ/	'sætərdei
		/ˈsætədɪ/		'sætərdı
301.	Sentence	/'sentəns/	/sən'tens/	
302.	Shirt	/ʃ3:t/	/'ʃə(r)t/	∫3:rt
303.	Sweet	/swi:t/	/s'vi:t/	
304.	Suite	/swi:t/	/su:t/	
305.	Theory	/ˈθɪəri/	/ˈθɪʊriː/	ˈθiːəri
		/'01ri/		
306.	Twig	/twig/	/tvɪg/	
307.	Transformer	/træns'fɔ:mə(r)/	/t'ra:nsfa:rmər/	/træns'fɔ:rmər/
308.	Tall	/tɔ:1/	/ta:1/	
309.	Torch	/tɔ:tʃ/	/ta:rtʃ/	
310.	Target	/'ta:gɪt/	/'ta:rgət/	
311.	Trousers	/ˈtraʊzəz/	/'trouzər/	/'traʊzərz/
312.	Taxonomy	/tækˈsɒnəmi/	/təkˈsɑːnomiː/	/tækˈsɑːnəmi/
313.	Translation	/trænsˈleɪʃn/	/tra:ns'leisən/	
		trænz'leı∫n		
314.	Today	/təˈdeɪ/	/tu:ˈdeɪ/	
315.	Think	$/\theta \eta k/$	$/\theta$ Ink/	$/\theta$ ıŋk/
316.	Table	/'teɪbl/	/ˈteɪbəl/	
317.	Tomb	/tuːm/	/tamb/	

			/tu:mb/	
318.	Talk	/tɔ:k/	/ta:k/	
319.	Truth	/tru:θ/	/troθ/	
320.	Total	/ˈtəʊtl/	/ˈtoʊtəl/	/ˈtoʊtl/
321.	Towel	/ˈtaʊəl/	/'ta:vəl/	
322.	Uniform	/ˈjuːnɪfɔːm/	/ˈjuːnɪfɑːrm/	/ˈjuːnɪfɔːrm/
323.	Violent	/'vaɪələnt/	/'vailent/	
324.	Vitamin	/'vitəmin/	/'vita:min/	
			/'vaɪtɑːmɪn/	
325.	Vegetable	/'vedʒtəbl/	/'vedʒɪteɪbəl/	
326.	Vehicle	/ˈviːəkl/	/'vehikəl/	/ˈviːhɪkl/
		/ˈviːəkl/		
327.	Vanilla	/vəˈnɪlə/	/ve'neɪlɑ:/	
328.	Vase	/va:z/	/væs/	/veis/
		/veis/		
329.	Wish	/wiʃ/	/vɪʃ/	
330.	Wagon	/ˈwægən/	/'vægən/	
331.	Wednesday	/'wenzdei/	/ˈwednəzdeɪ/	
		'wenzdı		
332.	Western	/'westən/	/'westrən/	/'westərn/
333.	Woman	/'womən/	/'womæn/	
334.	Women	wimin	/'wimen/	
335.	Watch	/wɒtʃ/	/va:tʃ/	/wa:tʃ/
336.	Wardrobe	/ˈwɔːdrəʊb/	/'va:droub/	/ˈwɔːrdroʊb/
337.	Walker	/'wɔ:kə(r)/	/'va:kər/	/ˈwɔːkər/
338.	Want	/wɒnt/	/va:nt/	/wa:nt/
				/wɔ:nt/
339.	Wallet	/'wolit/	/'va:lət/	/ˈwaːlɪt/
				/ˈwɔːlɪt/
340.	Was	/wəz/	/va:z/	
341.	Washroom	/ˈwɒʃruːm/	/'va:ʃru:m/	/ˈwɑːʃruːm/
				/ˈwɔːʃruːm/
342.	Warm	/wɔ:m/	/'va:(r)m/	/wɔ:rm/
343.	Walk	/wɔ:k/	/'va:k/	
344.	We	/wi:/	/woi/	
345.	Work	/w3:k/	/vərk/	/wa:rk/

346.	Wicket	/'wikit/	/'vɪkət/	
347.	Yogurt	/ˈjɒgət/	/ˈjuːgə(r)t/	/ˈjoʊgərt/
348.	Year	/jɪə(r)/	/ɪjər/	/jɪr/
		/j3:(r)/		
349.	Zealous	/ˈzeləs/	/ˈzɪːləs/	
350.	Zebra	/ˈziːbrə/	/ˈzeɪbra:/	
		/ˈzebrə/		

Based on the word list, the following generalizations can be made:

- 1. /ɔ:/ changes to /a:/, such as fall, ball, formal, jaw, horse, daughter, and audience, etc. This feature can be observed in more than 30 words in the 350 words mentioned above.
- 2. /ə/ changes to /a:/ in word-final position or last part of words, such as zebra, vanilla, pizza, bacteria, cinema, data, and photography, etc.
- 3. /ə/ changes to /e/, for example, violent, recipient, sentence, opponent, probably, coherence, engagement, abroad, abbreviation and chemistry, etc.
- 4. /ɪ/ changes to /ə/; for example, wicket, wallet, target, cricket, hepatitis, credit, delete, genuine, and college, etc.
 - 5. /u:/ changes to /ju:/ such as salute, lunatic, jewellery, lieutenant, and assume, etc.
 - 6. /ɪ/ changes to /ɪː/ such as liberty, handkerchief, frequency, allergy, and cement, etc.
 - 7. /ɪə/ changes to /ɪe/. For instance, earrings.
 - 8. /æ / changes to /a:/, as in program.
 - 9. /ə/ changes to /æ/ in word-initial position.
- 10. /e/ changes to /æ/, for example, academic, balloon, character, catastrophe, necklace, career, and mature, etc.
 - 11. / æ / changes to /e/, for instance, champion.
 - 12. /ə/ changes to $\frac{v}{v}$ or $\frac{u}{v}$, as in police, occasion, and commitment, etc.
 - 13. Diphthong /eɪ / changes to monophthong /æ/, such as potato or stapler.
- 14. /ei/ is pronounced as a flat sound without glide in the tongue, as in play, certificate, date, and anyway, etc. Diphthong /ei/ is pronounced as a monophthong. In the list mentioned above, such sounds have been underlined.
 - 15. /ʒ/ is omitted, as in measure, pleasure, and occasion, etc.
- 16. Monophthong /ə/ changes to diphthong /ei/ in the word-final position such as negative, informative, cassette, fountain, hypocrisy, bureaucracy, candidate, bargain and interrogative, etc.
- 17. Pronunciation is informed by spellings than sounds. For instance, go, pronunciation, handsome, entrepreneur, sabotage, government, and epitome, etc.
- 18. Stress patterns also cause variation in pronunciation, for example, liberty, engineer, and comment, etc.

- 19. / æ / changes to /ei/ in natural, for instance.
- 20. Monophthong /ɪ/ changes to diphthong /ei/, as in definition.
- 21. / I:/ changes to /e/ in the word-initial position, such as denotation and deviation, etc.
- 22. /e/ changes to /æ/ in the word-initial position, as in, adjective, atmosphere, and appreciate.
- 23. Diphthongs /30/ or /00/ change to monophthong /0/ or flat 'o' sound, such as in go, so, although, etc. These sounds are generally pronounced without glide in the tongue. The same applies to words such as rose, froze, close, or closer, etc.
 - 24. /ə/ is omitted, as in, cinema.
 - 25. /w/ changes to /v/, as in warm, wallet, wicket, work, etc.
 - 26. /s/ changes to /z/, such as assume, loose, purpose, close etc.
 - 27. The initial /k/ changes to /s/ as in accessory, accept, etc.
 - 28. /t/ changed to /tʃ/, as in attitude, magnitude, and Saturday, etc.
 - 29. /ɪks/ is pronounced as /eks/, such as excuse, experience, exclusive and external, etc.
 - 30. /ks/ is pronounces as /s/, such as in accept, and access, etc.
 - 31. /r/ is often pronounced clearly, for example, garbage, external and normal etc.
- 32. Insertion of /ə/ to split the consonants such as $/\int_{n}^{\infty} n/\sqrt{m}$, /m, /m
- 33. Insertion of /ə/ in word initial position in /s,p/, /s,k/, /s,t/ /p,r/ such as sprite, script, strike, strange, screen, product and proposal etc.
 - 34. /ə/ is omitted, as in royal, faculty, and quality, etc.
 - 35. /p/, /t/, /k/ are generally pronounced without aspiration.
- 36. Stress patterns change significantly. For instance, in /pl/ and /pr/ in word initial position, stress is laid on /l/ and /r/, not /p/.

4. Discussion

It is interesting to observe that even if British and North American pronunciation of certain words is different, the pronunciation of Pakistani speakers entirely differs from both varieties. Examples include words, such as poverty, poem, normal, and all other words (See Table 1) which are pronounced slightly differently in British and American English. Considering the professional and academic requirements of Pakistani speakers, Pakistani teachers of English should pinpoint the differences among BE, NAmE, and PakE. Farooq and Mahmood (2017) have identified two triphthongs in Pakistani English; however, the present study, besides confirming the realization of triphthongs, as in enjoy, adds that in Pakistani English, diphthongs are frequently changed to monophthongs and vice a versa. Triphthongs are also substituted with diphthongs, such as in words like poem and sour. Findings such as insertion or omission of /a/ in different word positions, the substitution of /a/ for /e/, and /v/ for /w/, elongation of /1/ to /1:/, the substitution of /a:/ by /a:/, as well as omission of aspiration of consonants, have also been supported by Riaz (2015, pp. 30-31). The major reason for such similarities between the acoustic patterns of educated and those of uneducated

Pakistani speakers, as identified by Riaz (2015), is the influence of mother tongue which is usually Punjabi, Saraiki, or another language depending upon the province, level of education, and frequent use of English. Besides, while observing the speakers, I also observed that it is quite uncommon among educated speakers of English to check the pronunciation of different words. Instead, speakers follow or rely on how their teachers or other educated members of the family pronounce those words.

Regarding aspiration in Pakistani English, Syed et al., (2017) also note, "Pakistanis produce voiceless stops without aspiration in even stressed positions" and this issue arises "mainly because of English orthography which does not maintain aspiration contrast in spelling (p. 206). Syed et al., (2017) also note, "/w/ is pronounced with lip rounding in the BE...PakE speakers do not produce /w/ with lip rounding" (209). The present study confirms that /w/ is pronounced as /v/ mostly and it elongates the following vowel sound as well. Elongation or flattening of round vowel sounds such as /ɔ:/ has also commonly been observed in the present study in words, such as all or audience. According to Syed et al., (2017), "In most Pakistani languages /r/ is a rhotic produced with strong trilling. The same representation they have also developed for English /r/" (p. 210. I have also observed while preparing the list of words for the present study that speakers clearly pronounce /t/ with much exertion even when native English speakers do not pronounce it so emphatically in words like right, silent, and present, etc. As suggested by Syed (2017) and Riaz (2015), the present study also confirms that Pakistani speakers find it hard to pronounce /ŋ/, as in think or learning.

5. Conclusion

Pronunciation of many words of English spoken in Pakistan deviates from the British and North American pronunciation of English based on stress patterns, insertion or omission of schwa, the substitution of schwa for other vowel sounds, elongation or shortening of sounds, focus on spellings than sounds, clear pronunciation of /r/ and /t/, and lesser use of contractions and assimilation patterns. Pakistani speakers used to follow British rules of pronunciation but more recently they follow both British and American pronunciation. However, the wordlist shows that these words vary in pronunciation both from British and North American English. Pakistani speakers have their unique features of pronunciation which are mainly caused by overgeneralization, omission, insertion, fossilization, problems with listening and comprehension, sound and spelling relationship, varied stress patterns, and above all first language influence. Such features impart Pakistani English the status of a unique variety of English language.

5.1. Suggestions and Recommendations

The following suggestions can be made for learners and researchers:

- Research can be carried out on different features identified in this study separately using softwares, such as PRAAT.
- Considering the professional and academic challenges, as well as a broadened horizon of opportunities in the 21st century, it is vitally valuable that the learners speak fluently in English. Therefore, Pakistani learners may focus on these words while learning how to speak English. Teachers may share the wordlist along with transcription with the students to improve their pronunciation.
- Besides practising the transcribed words given in Table 1 and reading aloud (Riaz, 2013, p. 689), learners can also use tongue twisters and employ language learning platforms such as Kahoot (Yürük, 2020).

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