

EL1101E Problem Set 1
AY 25/26 Sem 2 — github/omgeta

Q1. Singaporean;

Deletion of postvocalic /r/: [titfər] → [titfə]

Final consonant devoicing: [bɪlɪz] → [bɪlɪs]; [kɔld] → [kɔlt]

Merger of vowels: [lɪtəl] → [litəl]; [bɪli] → [bili]; [dæd] → [dɛd]; [deɪ] → [dei]

Q2. US (GA):

Unmerged vowels: [ɪ]

Diphthongs: [eɪ] in [tədeɪ]

Rhotic: [sɑːɹi], [gəɹl], [frʊm]

LOT vowel: [kæpɪd] instead of [kɛpɪd] (RP)

Q3. UK (RP):

Unmerged vowels: [ɪ]

LOT vowel: [kɛpi], [frɛm]

COAT diphthong: [əʊ] in [nəʊ]

Q4. (a) True Diphthongs: [oʊ], [eɪ], [aɪ]

(b) Mid Vowels: [ɛ], [ə]

(c) Lax Vowels: [ɛ], [ə], [ɪ], [æ], [ʌ]

(d) Voiced Plosives: [b], [d]

(e) Voiceless Fricatives: [θ], [s], [h]

Q5. (a) [θ]: inter-dental voiceless fricative

[ð]: inter-dental voiced fricative

(b) [θ] → [f], [ð] → [v]: change in place (dental → labiodental)

(c) [θ] → [t], [ð] → [d]: change in place (dental → alveolar) and manner (fricative → plosive)

(d) [θ] → [s], [ð] → [z]: change in place (dental → alveolar)