

# en(B)

## Twenty-first International Linguistics Olympiad

Brasília (Brazil), 23–31 July 2024

Individual Contest Solutions

**Problem 1.** Structure of the verb form:

1. subject (**t-** 1st person sg, **mət-** 1st person du/1st person pl, **∅-** 2nd person sg, **ne-** 3rd person du=3rd person pl)
2. **ə** materialises here if and only if needed to avoid a cluster of two consonants word-initially or word-finally, or a cluster of three consonants in any position.
3. tense (**ku-** present, **je-** future, **∅-** past)
4. **ine-**: direct object = 1st person sg (subject = 2nd person du/2nd person pl)
5. verb root
6. **-la**: subject/direct object = 1st person pl/2nd person pl
7. tense (**-ŋ** present/future, **-∅** past)
8. **ə** materialises here if and only if needed to avoid a cluster of two consonants word-initially or word-finally, or a cluster of three consonants in any position.
9. **-tək**: subject = 2nd person du/2nd person pl (direct object = 1st person sg);  
direct object (-**tək** 2nd person du/2nd person pl, **-n** 3rd person sg, **-net** 3rd person du, **-new** 3rd person pl)

Sound changes:

1. the final vowel of a prefix is lost before another vowel;
2. **t+j > cc, t+l > ll, t+n > nn, t+ŋ > ŋŋ;**
3. if **a** is present, all **e/i/u** in the word become **a/e/o**, respectively.

(a)	19. <b>kullenjən</b>	<i>you<sub>(sg)</sub> lead him</i>
	20. <b>jinejguṇtək</b>	<i>you<sub>(du)</sub> will bite me</i>
	21. <b>tekminnew</b>	<i>I caught them<sub>(pl)</sub></i>
	22. <b>təjohallanjək</b>	<i>I will wait for you<sub>(pl)</sub></i>
	23. <b>mətkonŋevlaŋən</b>	<i>we<sub>(pl)</sub> send him</i>
(b)	24. <i>you<sub>(sg)</sub> will see them<sub>(du)</sub></i>	<b>jelhuŋnet</b>
	25. <i>we<sub>(pl)</sub> bit him</i>	<b>mətəjgolan</b>
	26. <i>you<sub>(pl)</sub> catch me</i>	<b>kenakmellaŋtək</b>
	27. <i>they send you<sub>(du)</sub></i>	<b>nekunŋivŋətək</b>
	28. <i>you<sub>(du)</sub> led me</i>	<b>inelletək</b>