

## Twelfth International Olympiad in Linguistics

Beijing (China), July 21–25, 2014

## Individual Contest Solutions

**Problem #1.** Rules:

1. present:
- no-*

2. object =
- |   |            |              |
|---|------------|--------------|
|   | singular   | plural       |
| 1 | <i>nV-</i> | <i>lV-</i>   |
| 2 | <i>kV-</i> | <i>lenV-</i> |
- ,
- V*
- is the vowel from the following syllable

- 3.
- |                        |            |            |
|------------------------|------------|------------|
|                        | ‘strike’   | ‘pierce’   |
| present, subject = 1st | <i>ho-</i> | <i>fu-</i> |
| otherwise              | <i>ha-</i> | <i>fi-</i> |

4. future, subject =
- $\begin{cases} \text{1st : } & \textit{lu-} \\ \text{2nd : } & \textit{la-} \end{cases}$

5. subject = dual:
- ’i*

- 6.
- |   |            |                |
|---|------------|----------------|
|   | indicative | ‘because ...’  |
| subject = 1st person pl <i>or</i> 2nd person sg | <i>-ne</i> | <i>-tagihe</i> |
| otherwise                                       | <i>-be</i> | <i>-nagihe</i> |

Answers:

- (a) *nonifibe*      you<sub>pl</sub> are piercing me  
*halu’ibe*      we both will strike him  
*lifilatagihe*      because you<sub>sg</sub> will pierce us  
*nokufune*      we are piercing you<sub>sg</sub>  
*nolahanagihe*      because you<sub>pl</sub> are striking us
- (b) *noha’ibe*      you both are striking him  
*kifilune*      we will pierce you<sub>sg</sub>  
*nolenohotagihe*      because we are striking you<sub>pl</sub>  
*filanagihe*      because you<sub>pl</sub> will pierce him