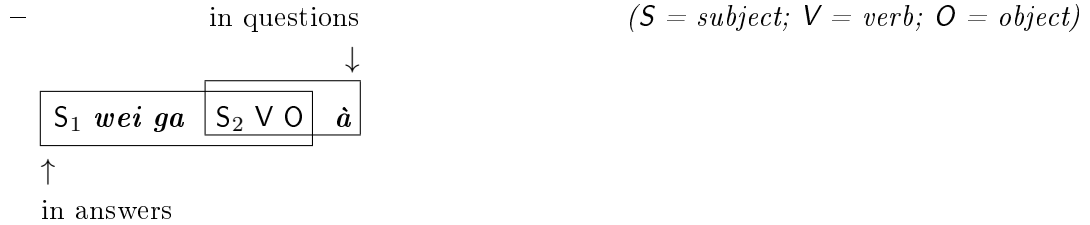


**Problem #4.** Rules:

- Word order:



- N A D  $(N = \text{noun}; A = \text{adjective}; D = \text{demonstrative adjective})$

- Choice of pronoun (S<sub>2</sub>):

$$S_1 = S_2 \Rightarrow S_2 = \text{òkì}; S_1 \neq S_2 \Rightarrow S_2 = \text{o}$$

- Vowel lowering:  $(W = \text{word with lowered vowels}; \bar{W} = \text{word without lowered vowels})$

$$\begin{aligned} \dots \text{o } \bar{W} \dots &> \dots \text{ò } \bar{W} \dots & \dots \bar{W} \text{ àno } \dots &> \dots \bar{W} \text{ òno } \dots \\ \dots \text{o } W \dots &> \dots \text{o } W \dots & \dots W \text{ àno } \dots &> \dots W \text{ òno } \dots \end{aligned}$$

- Tone changes:  $(\bar{\phantom{x}} = \text{word boundary}; A = \text{adjective}; V \text{ is a vowel}; C \text{ is a consonant})$

– caused by adjectives:  $\dots V] A > \dots \bar{V}] A$

– caused by verb forms:

- \* affirmative form, past:  $\dots \bar{V}] [CV(C)V\bar{C}]_{\text{verb}}$
- \* affirmative form, future:  $\dots V] [C\bar{V}(C)V\bar{C}]_{\text{verb}}$
- \* negative form:<sup>1</sup>  $\dots \bar{V}] [CV(C)V\bar{C}]_{\text{verb}}$

Answers:

- (a) 8. Did this man frighten the thief?  
The girl said that he<sub>this man</sub> did frighten the thief.
9. Will the deceived girl kill this youth?  
The deceived girl said that she<sub>the deceived girl</sub> would kill this youth.
10. This thief said that the child did not heal the man. *or*  
This thief said that the child would not heal the man.
- (b) 11. *okàa kịnonò ọmodhyòmú kofilomù ànò à?*  
*ọmò wei ga ọ kịnono ọmodhyòmú kofilomù ànò.*
12. *avùrà mú nọamù ọnó nwasese edèi à?*  
*avùrà mú nọamù ọnò wei ga òkí nwasese edèi.*
- (c) Nouns are not affected by any grammatical tone changes when placed at the very end of the sentence, before **à** or before **ànò**. Because of this, the base form for ‘thief’ is **ozyi** (7.), and the base form for ‘girl’ is **amemùrè** (2.).

<sup>1</sup>Usually has negative past interpretation, but can denote negative future if the surrounding context requires it.