

Problem 2.

- (a)
- | | | | | | |
|-----|---------------------|---|----|------------------------|------------------------|
| 1. | kali lar | — | E. | <i>door</i> | ← <i>cover + house</i> |
| 2. | kali mir | — | F. | <i>eyelid</i> | ← <i>cover + eye</i> |
| 3. | katjin mir | — | J. | <i>tears</i> | ← <i>water + eye</i> |
| 4. | kurrki mir | — | C. | <i>red eyes</i> | ← <i>blood + eye</i> |
| 5. | marti karr | — | B. | <i>big nose</i> | ← <i>big + nose</i> |
| 6. | marti katjin | — | G. | <i>flood</i> | ← <i>big + water</i> |
| 7. | miRk-purp | — | D. | <i>brain</i> | ← <i>egg + head</i> |
| 8. | purp | — | H. | <i>head</i> | ← <i>head</i> |
| 9. | purpi lar | — | I. | <i>roof</i> | ← <i>head + house</i> |
| 10. | puRt kurrk | — | A. | <i>bad/evil spirit</i> | ← <i>smoke + blood</i> |
- (b)
- | | | | | | |
|-----|----------------------|---|----|---------------------------|--------------------------------|
| 11. | kalki tjina | — | K. | <i>bones of the foot</i> | ← <i>tree/bone + foot</i> |
| 12. | kalki werp | — | S. | <i>spine, backbone</i> | ← <i>tree/bone + stem/root</i> |
| 13. | kurri | — | L. | <i>kangaroo</i> | ← <i>kangaroo</i> |
| 14. | murti kalk | — | Q. | <i>short tree</i> | ← <i>short + tree/bone</i> |
| 15. | murti paR | — | P. | <i>short river</i> | ← <i>short + river</i> |
| 16. | paR | — | O. | <i>river</i> | ← <i>river</i> |
| 17. | paR manya | — | N. | <i>octopus</i> | ← <i>river + hand</i> |
| 18. | putj | — | U. | <i>stomach</i> | ← <i>inside</i> |
| 19. | putji karr | — | M. | <i>nostril</i> | ← <i>inside + nose</i> |
| 20. | putji tjina | — | R. | <i>sole (of the foot)</i> | ← <i>inside + foot</i> |
| 21. | wartipi kalk | — | T. | <i>stick</i> | ← <i>young + tree/bone</i> |
| 22. | wartipi kurri | — | X. | <i>young kangaroo</i> | ← <i>young + kangaroo</i> |
| 23. | wartipi liti | — | W. | <i>unmarried woman</i> | ← <i>young + woman</i> |
| 24. | wartipi tjina | — | V. | <i>toe</i> | ← <i>young + foot</i> |
- (c) 25. **kalk** — *tree, bone* 26. **katjin** — *water* 27. **liti** — *woman*
- (d) 28. *old kangaroo* — **marti kurri** 29. *finger* — **wartipi manya** 30. *skull* — **kalki purp**

Problem 3.

French	Bambara	
v	w	$* V_{\epsilon} = \begin{cases} V_{\alpha} & \left[\begin{array}{l} \dots \underbrace{CV_{\epsilon}}_{\sigma_{2k-1}} \underbrace{r\tilde{V}_{\alpha}}_{\sigma_{2k}} \dots \\ \dots \underbrace{C\tilde{V}_{\alpha}}_{\sigma_{2k-1}} \underbrace{rV_{\epsilon}}_{\sigma_{2k}} \dots \end{array} \right. \quad (C \notin \{\mathbf{m}, \mathbf{n}\}) \\ \mathbf{i} & \text{otherwise} \end{cases}$
ɲ	s	
ʒ	z	
r	r	
y	i	
ə	e	
œ	ɛ	
a	a	
CC	<u>CV</u> _ε C *	
...C	... <u>CV</u> _ε *	

(∴ Syllable structure (Bambara):)

$$\begin{cases} \sigma_1 & (\text{word-initial}): \text{ CV or V } \\ \sigma_{n \neq 1} & (\text{elsewhere}): \text{ CV } \end{cases}$$

- (1) **tɔrɔsi** (2) **gitari** (3) **farāsi** (4) **ɛsipekitere** (5) **marisi**
(6) **zaradɛ** (7) **direkiteri** (8) **etamazɔri** (9) **mɔrifini** (10) **ɛfɔrimatiki**