



### Problem 2. Buhid Script (5 marks)

However some of the transliteration is missing: each number refers to a complete word in Buhid, and each underscore \_ indicates where there is a letter missing.

Buhid script	Transliteration in Roman alphabet
ᑕᑕᑕᑕᐅᓄᔨ	kahu (1) _ _ _ _ ku malagu
ᑕᑐᑎᑐᑎᑦᓴᓴᓄ	(2)_ _ _ _ _ buya si ulu
ᑕᑭᑎᑭᑎᑦᓴᑭᔨ	(3)_ _ _ _ _ (4)_ _ _ _ si dagu
ᑭᓄᑕᓴᖃᑯᑎ	dalika (5) __ parumiya
ᑦᓴᑕᓄᑕᓴᑐᓄᑐᑕ	sihamu ka (6) __ (7) _ _ _ _ (8) _ _ _ _
ᕈᑲᓄᑐᑕᑦᓴᓄ	ana umabu ka nimu

5.           

6.         

7. \_\_\_\_\_

8. \_\_\_\_\_

**Q 2.2** Write “abugida” in the Buhid script:

9. abugida =

Your name:



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## Solution and marking.

Scoring: (max 20)

- Q2.1: 1 point per 'slot' (i.e. syllables separated by +) [max 16]
  - expect the specified number of slots, so extra syllables have to be squeezed into one of these slots and therefore create an error; e.g. for *ka+hu*, *baka+hu* = 0 + 1.
- Q2.2: 1 point per glyph/character [max 4]
  - ignore extra characters.

**Q 2.1** Complete the missing words of the transliteration.

1. ka+hu	2	5. sa	1
2. ka+bu+ya	3	6. sa	1
3. ka+du+ya	3	7. ba+la	2
4. du+ya	2	8. ba+ku	2

Buhid is a type of script that is known as “abugida”.

**Q 2.2** Write “abugida” in the Buhid script:

9. abugida = The Buhid script for the word 'abugida' is represented by the sequence of characters: a horizontal line with a hook, a vertical line with a hook, a horizontal line with a hook, a vertical line with a hook, a horizontal line with a hook, a vertical line with a hook, and a horizontal line with a hook.

Your name:



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## Commentary

**Translation of the text:** (for information only, not needed for solving the puzzle).

“like a tree with overgrown branches  
my mind is full of turmoil  
though loaded with pain and grief  
my dreams continually seek for an end  
let it be known that I am on my way  
perchance you’ll catch up with me.”

Buhid Syllables <sup>[2]</sup>														
transcription	k	g	ng	t	d	n	p	b	m	y	r	l	w	h
consonant + a	𑒀	𑒁	𑒂	𑒃	𑒄	𑒅	𑒆	𑒇	𑒈	𑒉	𑒊	𑒋	𑒌	𑒍
consonant + i	𑒎	𑒏	𑒐	𑒑	𑒒	𑒓	𑒔	𑒕	𑒖	𑒗	𑒘	𑒙	𑒚	𑒛
consonant + u	𑒜	𑒝	𑒞	𑒟	𑒠	𑒡	𑒢	𑒣	𑒤	𑒥	𑒦	𑒧	𑒨	𑒩

Buhid is a syllabic script (abugida), which means its consonant characters automatically contain the vowel sound ‘a’. The list of consonant-vowel pairs pasted below comes from the Wikipedia article on this script. Where the vowels, a, i, and u occur independently, there is an independent vowel character, but otherwise, vowels are indicated with the characters of the consonants. A character without a diacritic mark has an inherent ‘a’, a character with a short horizontal line at the top right of it, means the inherent vowel is ‘i’ and a short horizontal line at the bottom right of the character means the inherent vowel is ‘u’.

For example, when writing in Buhid script, there is no spacing between words:

𑒄 = da      𑒒 = di      𑒠 = du

References:

Ager, S. (1998 – 2021) Buhid. Omniglot [website]. Retrieved from: <https://omniglot.com/writing/buhid.htm>

Lopez, V.B. (1976) *The Mangyans of Mindoro. An ethnohistory*. Quezon City: The University of the Philippines Press