

# The UK Linguistics Olympiad 2021

## Round 2



### Problem 4. Hmong (25 marks)

Hmong is spoken by about 2.7 million speakers across the globe, with roots in China but not related to Chinese. In the standard orthography used here, a syllable-final consonant letter indicates a consonant sound if it is *m*, but otherwise it indicates a tone; for example, the *-s* in *mis* indicates low tone (so, *mis* = /mi/).

Here is a list of phrases in Hmong, and their English translations in a random order.

A	<b>daim nplooj</b>
B	<b>daim ntawv</b>
C	<b>kua mis</b>
D	<b>kua txiv hmab</b>
E	<b>lub mis</b>
F	<b>lub ntaws</b>
G	<b>lub nyiaj</b>
H	<b>lub txiv</b>
I	<b>phau khaub</b>
J	<b>phau ntawv</b>
K	<b>phau nyiaj</b>
L	<b>tsab ntawv</b>
M	<b>tsab xov</b>
N	<b>txoj hmab</b>
O	<b>txoj kev</b>
P	<b>txoj kev thaj yeeb</b>
Q	<b>txoj leeg</b>
R	<b>txoj ntaws</b>
S	<b>zaj xov</b>

1	the book
2	the breast
3	the coin
4	the fruit
5	the grape juice
6	the leaf
7	the message (spoken)
8	the message (written)
9	the milk
10	the navel
11	the nerves
12	the pile of clothes
13	the postal letter
14	the road
15	the sheet of paper
16	the stack of bank notes
17	the umbilical cord
18	the vine
19	the way of peace

**Q4.1.** In your answer booklet, match up the Hmong phrases A-S with their English translations 1-19.

**Q4.2.** Complete the table in your answer booklet for Q4.2, given that **teb** means land. Include the Hmong words given as the first or last words of the phrases concerned.

**Q4.3.** Explain your solutions in the answer booklet.

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### Solution and marking.

Scoring: (max 39)

- **Q.4.1.** 1 point for each correct number. (max 19)
- **Q.4.2.** 1 point for each correct word. (max 9)
- **Q.4.3.** Assign points as indicated in the explanation (max 20)

#### Q.4.1.

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
6	15	9	5	2	10	3	4	12	1	16	13	8	18	14	19	11	17	7

#### Q.4.2.

Hmong	English
lub hnuv	the sun
txoj hlua	the rope
zaj nkauj	the song
sau ntawv	the essay
daim teb	the field
lub txiv hmab	the grape

#### Q.4.3.

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### Commentary

Each of the Hmong phrases is composed of two parts: a classifier followed by a noun. [2]

The classifiers in the problem are as follows: (max 14)

daim [1]	flat things [1]
kua [1]	liquids [1]
lub [1]	round things / general [1]
phau [1]	piles, stacks [1]
tsab [1]	letters, written things [1]
txoj [1]	long things [1]
zaj [1]	spoken [1]

Some nouns refer to only one thing (at least in the problem) e.g. **kev** means only road. Others, such as **mis** represent a broader concept, taking on different meanings depending on the classifier. [2]

Nouns can be combined to give compound nouns, where the first noun is the head/the word modified/the main word; the resulting compound then combines with an appropriate classifier. [2]

Here is a list of the pairings of Hmong and English phrases.

Hmong	English
<b>daim nplooj</b>	<i>the leaf</i>
<b>daim ntawv</b>	<i>the sheet of paper</i>
<b>kua mis</b>	<i>the milk</i>
<b>kua txiv hmab</b>	<i>the grape juice</i>
<b>lub mis</b>	<i>the breast</i>
<b>lub ntaws</b>	<i>the navel</i>
<b>lub nyiaj</b>	<i>the coin</i>
<b>lub txiv</b>	<i>the fruit</i>
<b>phau khaub</b>	<i>the pile of clothes</i>
<b>phau ntawv</b>	<i>the book</i>
<b>phau nyiaj</b>	<i>the stack of bank notes</i>
<b>tsab ntawv</b>	<i>the postal letter</i>
<b>tsab xov</b>	<i>the message (written)</i>
<b>txoj hmab</b>	<i>the vine</i>
<b>txoj kev</b>	<i>the road</i>
<b>txoj kev thaj yeeb</b>	<i>the way of peace</i>
<b>txoj leeg</b>	<i>the nerves</i>

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<b>txoj ntaws</b>	<i>the umbilical cord</i>
<b>zaj xov</b>	<i>the message (spoken)</i>