

Nineteenth International Linguistics Olympiad

Castletown (Isle of Man), 25–29 July 2022

Team Contest Solution

















Part I

(a)

30	31	32	33	34	35	36	37	38	39	40	41
V	L	O	U	M	T	P	K	R	B	N	C
42	43	44	45	46	47	48	49	50	51	52	53
D	E	W	J	H	X	I	S	G	A	F	Q

- (b) 54. *3600 chi and 2 li are equal to each other.*
 55. *If you subtract 1 shi 3 sheng from 20 shi, 18 shi 9 dou 7 sheng remains.*
 56. *If you add 374 jin to 842 jin, how much is the number you get?*
 57. *If you multiply 64 fen by 15, you get 9 liang 6 qian.*

(c)

58.	59.	60.	61.	62.	63.	64.	65.
							
							

Part II

(d)

66	67	68	69	70	71	72	73	74	75	76	77
A	I	K	F	H	W	M	G	D	P	V	R
78	79	80	81	82	83	84	85	86	87	88	89
U	Q	E	X	O	S	T	C	L	B	N	J

- (e) (i) *The seventh, eighth, and ninth months, [the season of] harvesting all sorts of things, is called “autumn”.*
 (ii) *The direction in which the sun sets is called “west”.*
 (iii) *Two fifties is called “hundred”.*
 (iv) *The most clever among all sorts of living things given birth to by Heaven is called “human”.*
 (v) *The number of qian of silver of which something that is bought and sold is worth is called “price”.*
 (vi) *The bluest [colour] is called “black”.*

Part III

- (f) 90. *suwe gemu elhe saiyūn. suwe manju gisun gisurembio.*
Are you_{pl} all at peace? Do you_{pl} speak Manchu?
— *be beye gemu elhe sain. be manju gisun gisurembi.*
We are all at peace. We speak Manchu.
91. *suwende bele yali gemu bio akūn.*
Do you_{pl} have both rice and meat?
— *mende bele yali gemu bi.*
We have both rice and meat.
92. *bele oci ai bele, jai yali oci ai yali.*
As to rice, what kind of rice is it? Again, as to meat, what kind of meat is it?
— *bele oci šanyan bele, yali oci coko yali.*
The rice is white rice; the meat is chicken meat.
93. *suwe udu hūda de coko yali dehu jakūn yan bumbi.*
At what price do you_{pl} give forty-eight liang of chicken meat?
— *duin jiha sunja fun menggun de bumbi.*
[We] give [it] at four qian five fen of silver.
94. *bi etuku udambi, tere ilhanggangge emke de hūda udu.*
I'm buying garments. How much is the price for each of those flower-patterned ones?
— *ere ilhangga sijigiyān emke de duin yan menggun.*
Each of these flower-patterned long-sleeved ones is four liang of silver.
95. *minde tuweri i dorgi etuku ilan bu, uheri bodoci udu.*
Give me three inner garments for winter. How much is the total if [you] do the maths?
— *be bodoci uheri duin yan sunja jiha menggun.*
If we do the maths, [it's] four liang five qian of silver in total.
96. *bi funiyehe ehe honin be uncaki sembi, suwe udaki sembio.*
I wish to sell a sheep with bad wool. Do you_{pl} wish to buy [it]?
— *funiyehe ehe honin oci be udarakū.*
If it's a sheep with bad wool, we won't buy [it].
97. *jakūnju de uyunju be nonggici, udu be bahambi.*
If you add 90 to 80, what do you get?
— *tanggū nadanju be bahambi.*
You get 170.
98. *suwe orhoda oci aibaningge udaki sembi.*
As to ginseng, [ginseng] from where do you_{pl} wish to buy?
— *be orhoda oci coohiyan ci jihe orhoda be udaki sembi.*
As to ginseng, we wish to buy ginseng from Korea.
99. *gemun hecen i wargi ergi de ai hoton bi.*
What city is to the west of the imperial palace?
— *huhu hoton bi.*
Hohhot is there.

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