ꯑꯦꯗꯤꯇꯣꯔꯤꯌꯦꯜ IMPHAL, WEDNESDAY, NOVEMBER 09, 2022 ꯌꯨꯝꯁꯀꯩꯁ, ꯍꯤꯌꯥꯡꯒꯩꯒꯤ 16ꯅꯤ ꯄꯥꯟꯕ, ꯃꯥꯂꯤꯌꯥ ꯀꯨꯝꯁꯤꯡ 3420 obT\ꯂꯩ ꯃꯀꯩꯋ꯭ꯀ 2 HUEIYEN LANPAO

ꯄꯥꯎꯆꯦ ꯑꯁꯤꯗ ꯐꯣꯡꯖꯔꯤꯕ ꯋꯥꯔꯦꯡꯁꯤꯡ ꯑꯁꯤꯒꯤ ꯋꯥꯈꯜ, ꯃꯤꯠꯌꯦꯡ ꯑꯏꯕ ꯃꯁꯥ ꯃꯁꯥꯒꯤꯅꯤ꯫ ꯄꯥꯎꯆꯦ ꯑꯁꯤꯒ ꯄꯥꯎꯆꯦ ꯑꯁꯤꯒꯤ ꯋꯥꯈꯜꯂꯣꯟ ꯑꯃꯁꯨꯡ ꯃꯤꯠꯌꯦꯡꯒ ꯊꯣꯏꯗꯣꯛꯅ ꯃꯔꯤ ꯂꯩꯅꯗꯦ꯫

ꯍꯨꯏꯌꯦꯟ ꯂꯥꯟꯄꯥꯎ
ꯌꯨꯝꯁꯀꯩꯁ, ꯅꯕꯦꯝꯕꯔ 09, 2022, ꯏꯝꯐꯥꯜ
14 ꯁꯨꯕ ꯆꯍꯤ, 199 ꯁꯨꯕ ꯃꯁꯤꯡ
ꯍꯨꯏꯌꯦꯟ ꯂꯥꯟꯄꯥꯎ ꯂꯤꯇꯔꯦꯔꯤ ꯀ꯭ꯋꯤꯖ-53
1) ‘‘ꯋꯥꯈꯜꯒꯤ ꯂꯩꯀꯣꯜ” ꯍꯥꯏꯕ ꯂꯥꯏꯔꯤꯛ ꯑꯁꯤꯒꯤ ꯑꯏꯕ ꯀꯅꯥꯅꯣ
ꯑꯃꯁꯨꯡ ꯀꯔꯝꯕ ꯃꯈꯜꯒꯤ ꯂꯥꯏꯔꯤꯛꯅꯣ?
2) “ꯊꯤꯌꯦꯇꯔ ꯑꯃꯁꯨꯡ ꯅꯨꯡꯒꯤ ꯋꯥꯈꯜ” ꯍꯥꯏꯕ ꯂꯥꯏꯔꯤꯛ ꯑꯁꯤ ꯀꯅꯥꯅ
Ibno?

3) “ꯋꯥꯀꯠ” ꯍꯥꯏꯕ ꯂꯥꯏꯔꯤꯛ ꯑꯁꯤꯒꯤ ꯑꯏꯕ ꯀꯅꯥꯅꯣ ꯑꯃꯁꯨꯡ
ꯂꯥꯏꯔꯤꯛ ꯑꯁꯤ ꯀꯔꯝꯕ ꯃꯈꯜꯒꯤ ꯂꯥꯏꯔꯤꯛꯅꯣ?
4) “ꯐꯅꯥꯟꯇꯤꯛ” ꯍꯥꯏꯕ ꯂꯥꯏꯔꯤꯛ ꯑꯁꯤ ꯑꯣꯔꯤꯖꯤꯅꯦꯜ ꯀꯅꯥꯅ ꯏꯕꯗꯒꯤ
ꯃꯅꯤꯄꯨꯔꯗ ꯀꯅꯥꯅ ꯀꯔꯤ ꯃꯃꯤꯡ ꯊꯣꯟꯗꯨꯅ ꯍꯟꯗꯣꯛꯄꯒꯦ?
5) “ꯑꯑꯣꯟꯕ ꯁꯃꯥꯖ” ꯍꯥꯏꯕ ꯂꯥꯏꯔꯤꯛ ꯑꯁꯤꯒꯤ ꯑꯏꯕ ꯀꯅꯥꯅꯣ?

ꯃꯊꯛꯇ ꯄꯤꯔꯤꯕ ꯋꯥꯍꯪꯁꯤꯡ ꯑꯁꯤꯒꯤ ꯄꯥꯎꯈꯨꯝ ꯅꯕꯦꯝꯕꯔ 15, ꯂꯩꯕꯥꯛꯄꯣꯛꯄ
ꯅꯨꯃꯤꯠꯀꯤ ꯑꯌꯨꯡ ꯄꯨꯡ 11 ꯐꯥꯎꯕꯒꯤ ꯃꯅꯨꯡꯗ ꯄꯥꯎꯆꯦ ꯑꯁꯤꯒꯤ ꯑꯣꯐꯤꯁꯇ ꯅꯠꯇ꯭ꯔꯒ
I-meL hueiyenliteraryquiz@gmail.com sid meL AoIn
ꯊꯥꯕꯤꯔꯛꯄ ꯌꯥꯒꯅꯤ꯫ ꯄꯥꯎꯈꯨꯝ ꯄꯤꯕꯤꯔꯛꯄ/ꯊꯥꯕꯤꯔꯛꯄ ꯃꯇꯝꯗ ꯃꯤꯡ, ꯂꯩꯐꯝ,
ꯃꯍꯩꯒꯤ ꯊꯥꯛ ꯑꯃꯁꯨꯡ ꯀꯟꯇꯦꯛꯠ ꯅꯝꯕꯔ ꯃꯌꯦꯛ ꯁꯦꯡꯅ ꯏꯕꯤꯔꯛꯎ꯫
ꯋꯥꯍꯪ ꯈꯨꯗꯤꯡꯃꯛꯀꯤ ꯄꯥꯎꯈꯨꯝ ꯆꯨꯝꯅ ꯅꯠꯇ꯭ꯔꯒ ꯃꯁꯤꯡ ꯌꯥꯝꯅ ꯆꯨꯝꯅ ꯄꯤꯕꯤꯔꯛꯄ
ꯃꯤꯑꯣꯏꯁꯤꯡ ꯑꯗꯨꯗꯒꯤ ꯗ꯭ꯔꯣ ꯑꯣꯠꯆꯔꯒ ꯂꯥꯏꯕꯛ ꯐꯕ ꯃꯤꯁꯛ ꯑꯃ ꯈꯟꯖꯒꯅꯤ꯫
ꯂꯣꯏꯅꯅ ꯈꯜꯂꯕ ꯃꯤꯁꯛ ꯑꯗꯨꯗ ꯃꯅꯥ ꯄꯤꯖꯒꯅꯤ꯫

ꯋꯥꯇꯔ ꯏꯖ ꯂꯥꯏꯐ
ꯃꯅꯤꯄꯨꯔꯗꯅ ꯑꯣꯟꯅ-ꯇꯩꯅꯕ ꯉꯥꯛꯇ ꯇꯧꯕ
ꯏꯁꯤꯡꯅ ꯃꯤꯑꯣꯏꯕꯒꯤ ꯊꯋꯥꯏꯅꯤ꯫ ꯃꯤꯑꯣꯏꯕ ꯈꯛꯀꯤ ꯋꯥꯐꯝ ꯅꯠꯇꯅ
ꯊꯋꯥꯏ ꯄꯥꯟꯕ ꯄꯨꯝꯅꯛꯅ ꯍꯤꯡꯕꯗ ꯏꯁꯤꯡ ꯇꯉꯥꯏꯐꯗꯕ ꯂꯩ꯫ ꯃꯅꯥ-ꯃꯁꯤꯡ
ꯑꯃꯁꯨꯡ ꯃꯍꯩ-ꯃꯔꯣꯡ ꯄꯥꯝꯕꯤꯗ ꯐꯥꯎꯕ ꯏꯁꯤꯡ ꯆꯪꯏ꯫ ꯏꯁꯤꯡ ꯌꯥꯎꯗ꯭ꯔꯕꯗꯤ
ꯌꯥꯗꯦ, ꯍꯤꯡꯕ ꯉꯝꯗꯦ꯫ ꯄꯨꯝꯅꯃꯛꯁꯤꯗꯒꯤ ꯍꯥꯏꯔꯛꯄ ꯑꯣꯏꯔꯝꯒꯅꯤ
‘ꯋꯥꯇꯔ ꯏꯖ ꯂꯥꯏꯐ’꯫ ꯑꯗꯨꯒ ꯋꯥꯍꯩꯁꯤꯡꯁꯤꯃꯛ ꯑꯀꯛꯅꯕ ꯑꯔꯦꯞꯄ ꯃꯐꯝ
ꯑꯃ ꯈꯛꯀꯤ ꯅꯠꯇꯅ ꯃꯥꯂꯦꯝꯒꯤ ꯃꯐꯝ ꯄꯨꯝꯅꯃꯛꯇ ꯄꯨꯝꯆꯨꯝ ꯆꯨꯝꯂꯕ ꯋꯥꯐꯝ
ꯑꯃꯁꯨ ꯑꯣꯏꯔꯤꯕꯅꯤ꯫ ꯑꯗꯨꯅꯗꯤ ꯃꯤꯑꯣꯏꯕ ꯈꯨꯟꯅꯥꯏꯅ ꯏꯁꯤꯡꯒꯤꯗꯃꯛ
ꯌꯥꯝꯅ ꯆꯦꯛꯁꯤꯟꯕ ꯑꯃꯁꯨꯡ ꯑꯈꯟꯅꯕ ꯃꯤꯠꯌꯦꯡ ꯆꯪꯕꯒꯤ ꯇꯉꯥꯏꯐꯗꯕ
ꯂꯩꯔꯤꯕꯅꯤ꯫ ꯊꯣꯏꯗꯣꯛ ꯍꯦꯟꯗꯣꯛꯅ ꯂꯩꯕꯥꯛꯁꯤꯒꯤ ꯑꯣꯏꯅ ꯌꯦꯡꯂꯕꯁꯨ ꯃꯅꯤꯄꯨꯔ
ꯀꯪꯐꯥꯜꯒꯤ ꯁꯔꯨꯛꯅ ꯃꯥꯏꯀꯩ ꯃꯔꯤꯃꯛ ꯀꯣꯏꯁꯤꯟꯕ ꯁ꯭ꯇꯦꯠꯅꯤ꯫ ꯏꯁꯤꯡ
ꯂꯝꯕꯤ ꯂꯩꯇꯦ꯫ ꯑꯆꯧꯕ ꯏꯁꯤꯡ (ꯁꯃꯨꯗ꯭ꯔ) ꯂꯩꯇꯦ꯫ ꯍꯥꯏꯔꯤꯕ ꯃꯔꯝ ꯑꯅꯤꯁꯤ
ꯈꯛꯇꯗ ꯌꯦꯡꯂꯨꯔꯒꯁꯨ ꯃꯅꯤꯄꯨꯔꯒꯤ ꯃꯤꯌꯥꯝꯅ ꯃꯔꯨ ꯑꯣꯏꯅ ꯁ꯭ꯇꯦꯠ ꯂꯩꯉꯥꯛꯅ
ꯃꯅꯤꯄꯨꯔꯗ ꯏꯁꯤꯡ ꯃꯔꯥꯡ ꯀꯥꯏꯍꯟꯅꯕꯒꯤꯗꯃꯛ, ꯏꯁꯤꯡꯒꯤ ꯑꯋꯥꯠꯄ
ꯂꯩꯇꯅꯕꯒꯤꯗꯃꯛ ꯏꯁꯤꯡ ꯌꯣꯛꯇꯨꯅ ꯑꯃꯁꯨꯡ ꯂꯤꯗꯨꯅ ꯊꯝꯅꯕꯒꯤꯗꯃꯛ ꯃꯊꯧ ꯇꯥꯕ ꯊꯕꯛ ꯄꯨꯝꯅꯃꯛ ꯃꯇꯝ ꯑꯃꯁꯨꯡ ꯁꯦꯜ ꯆꯪꯂꯕꯁꯨ ꯄꯥꯏꯈꯠꯀꯗꯕꯅꯤ,
ꯄꯥꯡꯊꯣꯛꯀꯗꯕꯅꯤ꯫ ꯊꯕꯛꯁꯤꯡꯁꯤꯒꯤ ꯃꯥꯌꯣꯛꯇ ꯑꯃꯁꯨꯡ ꯃꯁꯤꯒꯤ ꯑꯣꯟꯅ-
ꯇꯩꯅꯕꯗ ꯂꯩꯔꯦ ꯍꯥꯏꯕꯗ ꯍꯦꯟꯖꯤꯟꯕ ꯋꯥꯐꯝ ꯑꯣꯏꯔꯔꯣꯏ ꯍꯥꯏꯅꯤꯡꯏ꯫ ꯆꯍꯤ
ꯈꯔꯒꯤ ꯃꯃꯥꯡ ꯐꯥꯎꯕꯗ ꯂꯩꯔꯝꯈꯤꯕ ꯁ꯭ꯇꯦꯠꯁꯤꯒ ꯍꯧꯗꯣꯛꯃꯤꯟꯅꯔꯛꯈꯤꯕ
ꯅꯦꯆꯔꯦꯜ ꯋꯥꯇꯔ ꯕꯣꯗꯤꯁꯤꯡ ꯑꯣꯏꯔꯝꯕ ꯄꯥꯠꯁꯤꯡ ꯀꯗꯥꯏꯗ ꯆꯠꯈ꯭ꯔꯒꯦ?
ꯌꯨꯝꯊꯣꯡ ꯌꯩꯅ ꯂꯩꯅꯔꯝꯕ ꯂꯟꯅꯥꯏ ꯄꯨꯈ꯭ꯔꯤ, ꯂꯩꯀꯥꯏ ꯑꯃꯁꯨꯡ ꯈꯨꯜꯒꯤ ꯑꯣꯏꯕ
ꯑꯆꯧꯕ ꯄꯨꯈ꯭ꯔꯤꯁꯤꯡ ꯀꯗꯥꯏꯗ ꯆꯠꯈ꯭ꯔꯕꯒꯦ? ꯃꯁꯤꯒꯤ ꯃꯊꯛꯇ ꯑꯀꯛꯅꯅ
ꯑꯃꯁꯨꯡ ꯃꯁꯤꯡ ꯌꯥꯝꯗꯅ ꯂꯩꯖꯔꯤꯕ ꯇꯨꯔꯦꯜꯁꯤꯡꯒꯤ ꯐꯤꯚꯝꯅ ꯀꯔꯤ
ꯑꯣꯏꯔꯤꯕꯒꯦ? ꯄꯨꯝꯅꯃꯛ ꯋꯥꯇꯔ ꯏꯁ ꯂꯥꯏꯐ ꯍꯥꯏꯕꯁꯤꯕꯨ ꯃꯊꯛ-ꯃꯈꯥ ꯊꯣꯛ
ꯑꯣꯟꯊꯣꯛꯂꯒ ꯑꯣꯟꯅ-ꯇꯩꯅꯅ ꯇꯧꯔꯛꯄ ꯊꯧꯑꯣꯡ ꯉꯥꯛꯇꯅꯤ꯫
ꯑꯣꯏꯔꯤꯕ ꯐꯤꯚꯝꯁꯤꯡ ꯑꯁꯤꯒꯤ ꯃꯊꯛꯇ ꯃꯥꯂꯦꯝꯒꯤ ꯑꯣꯏꯅ
ꯍꯣꯡꯂꯛꯂꯤꯕ ꯑꯀꯣꯏꯕꯒꯤ ꯐꯤꯚꯝꯁꯤꯡꯗꯒꯤꯃꯥꯌꯣꯛꯅꯍꯜꯂꯛꯂꯤꯕ
ꯒ꯭ꯂꯣꯕꯦꯜ ꯋꯥꯔꯃꯤꯡ ꯑꯃꯁꯨꯡ ꯏꯀꯣꯂꯣꯖꯤꯀꯦꯜ ꯏꯝꯕꯦꯂꯦꯟꯁꯀꯤ
ꯐꯤꯚꯝꯁꯤꯡꯅ ꯅꯣꯡꯖꯨ-ꯅꯨꯡꯁꯥꯒꯤ ꯈꯣꯡꯆꯠ ꯐꯥꯎꯕ ꯀꯥꯏꯍꯜꯂꯛꯇꯨꯅ ꯑꯆꯧꯕ
ꯆꯩꯊꯦꯡ ꯄꯤꯕ ꯍꯧꯔꯛꯂꯤꯕꯅꯤ꯫ ꯃꯁꯤꯃꯛꯅ ꯀꯨꯝꯁꯤꯒꯤ ꯂꯧꯎ ꯄꯥꯟꯊꯥꯗ ꯏꯁꯤꯡ
ꯂꯩꯔꯦ ꯍꯥꯏꯗꯨꯅ ꯂꯧ ꯄꯥꯟꯅꯔꯨꯔꯒ ꯐꯧ ꯁꯥꯠꯂꯝꯗꯥꯏꯗ ꯏꯁꯤꯡ ꯈꯧꯒꯪꯅꯈꯤꯕꯗꯒꯤ
ꯑꯌꯥꯝꯕ ꯂꯧꯀꯣꯟꯁꯤꯡꯒꯤ ꯂꯧꯕꯨꯛꯁꯤꯡꯗ ꯐꯧ ꯁꯥꯠꯈꯤꯗꯦ꯫ ꯃꯁꯤꯅ ꯃꯔꯝ
ꯑꯣꯏꯗꯨꯅ ꯀꯨꯝ ꯑꯁꯤꯒꯤ ꯐꯧꯊꯣꯛꯀꯤ ꯆꯥꯡ ꯍꯟꯊꯔꯛꯄꯗ ꯃꯥꯡꯖꯒꯗꯣꯏꯁꯤ
ꯐꯤꯚꯝꯁꯤ ꯃꯥꯌꯣꯛꯅꯔꯤꯕ ꯂꯧꯄꯨ ꯑꯃꯁꯨꯡ ꯂꯧꯃꯤꯁꯤꯡ ꯑꯗꯨ ꯈꯛꯇꯃꯛ
ꯑꯣꯏꯒꯗꯧꯔꯤꯕ꯭ꯔꯥ ꯍꯥꯏꯕꯒꯤ ꯋꯥꯍꯪ ꯐꯥꯎꯕ ꯆꯣꯡꯊꯣꯔꯛꯂꯤꯕꯅꯤ꯫ ꯍꯟꯗꯛꯀꯤ
ꯐꯤꯚꯝꯁꯤ ꯃꯊꯪꯒꯤ ꯂꯧꯎ ꯄꯥꯟꯊꯥ ꯈꯛꯇ ꯅꯠꯇꯅ ꯃꯊꯪ-ꯃꯊꯪ ꯁꯝꯊꯔꯛꯇꯨꯅ ꯃꯈꯥ
ꯇꯥꯅ ꯃꯥꯌꯣꯛꯅꯔꯛꯂꯔꯣꯏ ꯍꯥꯏꯕꯁꯨ ꯄꯨꯛꯅꯤꯡ ꯂꯨꯝꯅ ꯍꯥꯏꯕ ꯉꯝꯗ꯭ꯔꯤꯕꯅꯤ꯫
ꯃꯔꯝꯁꯤꯡ ꯑꯁꯤꯅ ꯑꯁꯤꯒꯨꯝꯕ ꯐꯤꯚꯝꯁꯤ ꯃꯈꯥ ꯁꯥꯡꯊꯅ ꯃꯥꯌꯣꯛꯅꯍꯜꯂꯛꯄ
ꯑꯆꯨꯝꯕ ꯑꯣꯏꯔꯣꯏ꯫ ꯃꯁꯤ ꯑꯣꯏꯔꯒꯗꯤ ꯍꯧꯖꯤꯛ ꯃꯅꯤꯄꯨꯔ ꯂꯩꯉꯥꯛ ꯑꯃꯁꯨꯡ
ꯃꯤꯌꯥꯝꯅ ꯀꯩꯗꯧꯕ ꯇꯥꯕꯒꯦ? ꯑꯍꯥꯟꯕꯗ ꯅꯣꯡꯊꯛꯇꯒꯤ ꯂꯩꯉꯥꯛ ꯑꯃꯁꯨꯡ
ꯃꯤꯌꯥꯝꯅ ꯀꯩꯗꯧꯕ ꯇꯥꯕꯒꯦ? ꯑꯍꯥꯟꯕꯗ ꯅꯣꯡꯊꯛꯇꯒꯤ ꯇꯥꯔꯛꯄ/ꯆꯨꯔꯛꯄ
ꯅꯣꯡ ꯈꯛꯇꯗꯒꯤ ꯅꯠꯇꯅ ꯊꯋꯥꯏ ꯑꯣꯏꯔꯤꯕ ꯏꯁꯤꯡ ꯐꯪꯐꯝ ꯑꯇꯣꯞꯄ ꯂꯩꯇꯦ
ꯍꯥꯏꯕꯁꯤ ꯌꯥꯝꯅ ꯃꯌꯦꯛ ꯁꯦꯡꯅ ꯈꯪꯒꯗꯕꯅꯤ꯫ ꯇꯣꯉꯥꯟ-ꯇꯣꯉꯥꯟꯕ ꯄꯥꯝꯕꯩꯁꯤꯡ
ꯁꯤꯖꯤꯟꯅꯗꯨꯅ ꯂꯩꯅꯨꯡ ꯍꯨꯠꯂꯒ ꯏꯁꯤꯡ ꯆꯤꯡꯈꯠꯂꯒ ꯁꯤꯖꯤꯟꯅꯕ ꯑꯣꯏꯔꯕ
ꯁꯨ ꯏꯁꯤꯡꯗꯨ ꯅꯣꯡꯊꯛꯇꯒꯤ ꯇꯥꯔꯛꯈꯤꯕꯗꯒꯤ ꯇꯨꯡꯁꯤꯟꯗꯨꯅ ꯂꯩꯍꯧꯕꯁꯤꯡ
ꯑꯣꯏꯒꯗꯧꯔꯤꯕꯅꯤ꯫ ꯃꯔꯝ ꯑꯁꯤꯅ ꯅꯣꯡ ꯆꯨꯔꯛꯇꯕ/ꯇꯥꯔꯛꯇꯕ ꯃꯇꯝꯗꯁꯨ
ꯃꯊꯧ ꯇꯥꯔꯛꯄꯗ ꯁꯤꯖꯤꯟꯅꯅꯕ ꯋꯥꯇꯔ ꯕꯣꯗꯤꯡꯁꯤꯡ ꯆꯤꯡ ꯑꯃꯁꯨꯡ ꯇꯝꯒꯤ
ꯃꯐꯝ ꯄꯨꯝꯅꯃꯛꯇ ꯃꯔꯥꯡ ꯀꯥꯏꯅ ꯁꯦꯝꯒꯠꯀꯗꯕꯅꯤ꯫ ꯇꯝꯄꯥꯛꯀꯤ ꯂꯝꯗ
ꯀꯝꯃ꯭ꯌꯨꯅꯤꯇꯤ ꯍꯣꯜ (ꯃꯤꯄꯨꯟꯁꯪ/ꯃꯤꯇꯤꯟꯁꯪ) ꯒꯤ ꯇꯉꯥꯏꯐꯗꯕ ꯂꯩꯕꯗꯒꯤ
ꯄꯥꯛꯇꯛꯅꯅ ꯁꯥꯒꯠꯅꯔꯤꯕ ꯑꯁꯤꯗꯒꯤ ꯋꯥꯇꯔ ꯕꯣꯗꯤꯁꯤꯡ ꯁꯦꯝꯒꯠꯄꯅ ꯍꯦꯟꯅ
ꯃꯔꯨ ꯑꯣꯏ ꯍꯥꯏꯕ ꯋꯥꯈꯜꯂꯣꯟ ꯆꯦꯟꯒꯗꯕꯅꯤ꯫ ꯑꯗꯨꯒ ꯃꯁꯤꯒꯤꯗꯃꯛ ꯃꯊꯧ ꯇꯥꯕ ꯊꯕꯛꯁꯤꯡ ꯄꯟꯊꯗꯅ ꯄꯥꯏꯈꯠꯀꯗꯕꯅꯤ꯫ ꯍꯧꯖꯤꯛ ꯂꯩꯔꯤꯕ ꯐꯤꯚꯝꯁꯤꯗ
ꯇꯨꯔꯦꯜ ꯈꯔ ꯂꯩꯔꯤꯕ ꯑꯁꯤꯒꯤ ꯃꯅꯥꯛꯄꯨ ꯅꯠꯇ꯭ꯔꯕꯗꯤ ꯃꯩꯍꯧ ꯂꯥꯡꯄꯣꯛ
ꯊꯣꯔꯛꯄ ꯐꯥꯎꯕꯗ ꯃꯩ ꯃꯨꯠꯊꯠꯅꯕ ꯏꯁꯤꯉ ꯂꯩꯇꯕꯒꯤ ꯈꯨꯗꯣꯡꯆꯥꯗꯕꯁꯤꯡ
ꯃꯥꯌꯣꯛꯅꯕ ꯍꯧꯔꯛꯂꯕꯅꯤ꯫ ꯂꯩꯉꯥꯛꯅ ꯂꯝꯐꯦꯜꯗ ꯁꯦꯝꯒꯠꯀꯅꯤ ꯍꯥꯏꯔꯤꯕ
ꯋꯥꯇꯔ ꯕꯣꯗꯤꯒꯤ ꯊꯕꯛ ꯈꯣꯡꯖꯦꯜ ꯊꯨꯖꯤꯜꯍꯜꯂꯨ꯫ ꯃꯁꯤꯒ ꯆꯞ ꯃꯥꯟꯅꯕꯁꯤꯡ
ꯗꯤꯁꯇ꯭ꯔꯤꯛꯠ ꯈꯨꯗꯤꯡꯃꯛꯇ ꯁꯦꯝꯒꯠꯂꯨ꯫ ꯁꯕ ꯗꯤꯚꯤꯖꯟ ꯑꯃꯗ ꯐꯥꯎꯕ
ꯋꯥꯇꯔ ꯕꯣꯗꯤꯁꯤꯡ ꯃꯔꯥꯡ ꯀꯥꯏꯅ ꯊꯝꯃꯨ꯫ ꯏꯊꯩ ꯂꯧꯈꯣꯡꯁꯨ ꯅꯤꯡꯊꯤꯖꯅ ꯁꯦꯝꯃꯨ꯫
ꯃꯇꯝꯗꯨꯗ ꯃꯅꯤꯄꯨꯔꯕꯨ ꯁꯤꯡꯒꯥꯄꯣꯔ ꯑꯣꯏꯍꯟꯒꯅꯤ ꯍꯥꯏꯔꯤꯕꯗꯨꯒꯤ ꯃꯊꯛꯇ
ꯁꯅꯥ, ꯃꯅꯤ-ꯃꯨꯛꯇꯥꯅ ꯄꯨꯝꯌꯣꯝ ꯌꯣꯝꯂꯕ ꯁ꯭ꯇꯦꯠ ꯑꯣꯏꯔꯛꯀꯅꯤ꯫ ‘ꯖ꯭ꯋꯦꯜ
ꯑꯣꯐ ꯏꯟꯗꯤꯌꯥ’ ꯍꯥꯏꯔꯝꯕꯗꯨꯒꯤ ꯆꯞ ꯆꯥꯕ ꯋꯥꯍꯟꯊꯣꯛ ꯂꯩꯔꯛꯀꯅꯤ꯫

ꯃꯤꯇꯣꯞ ꯆꯪꯁꯤꯜꯂꯛꯄꯒꯤꯗꯃꯛꯇꯤ ꯃꯤꯄꯥꯏꯅꯩ, ꯏꯟꯚꯦꯁꯤꯚ ꯁ꯭ꯄꯦꯁꯤꯁꯁꯤꯡꯅ ꯂꯥꯟꯗꯥꯁꯤꯜꯂꯛꯄꯒꯤꯗꯤ ꯊꯣꯏꯗꯣꯛꯅ ꯅꯥꯆꯨꯡꯗꯦ ꯈꯥ-ꯑꯃꯦꯔꯤꯀꯥꯗꯒꯤ ꯀꯃꯟ ꯔꯥꯒꯋꯤꯗꯅ ꯌꯨꯔꯣꯞꯇ ꯂꯥꯟꯗꯥꯁꯤꯜꯂꯛꯄꯗ ꯁꯥꯏꯟꯇꯤꯁꯠꯁꯤꯡꯅ ꯃꯤꯄꯥꯏꯔꯛꯄ
ꯏꯟꯚꯦꯁꯤꯚ ꯁ꯭ꯄꯦꯁꯤꯁ ꯅꯠꯇ꯭ꯔꯒ ꯑꯦꯂꯤꯌꯟ ꯁ꯭ꯄꯦꯁꯤꯁ ꯍꯥꯏꯔꯒ ꯑꯇꯝꯅꯅ ꯀꯥꯟꯅꯕ ꯄꯤꯒꯅꯤ
ꯅꯤꯡꯗꯨꯅ ꯅꯠꯇ꯭ꯔꯒ ꯄꯥꯝꯗꯕ ꯊꯧꯑꯣꯡ ꯑꯃꯅ ꯄꯨꯔꯛꯇꯨꯅ ꯑꯅꯧꯕ ꯏꯟꯚꯥꯏꯔꯟꯃꯦꯟꯠ ꯑꯃꯗ ꯍꯤꯡꯂꯕ ꯅꯣꯟ-
ꯅꯦꯇꯤꯚ/ꯏꯒꯖꯣꯇꯤꯛ ꯑꯣꯏꯕ ꯖꯤꯕꯕꯨ ꯈꯪꯅꯩ꯫ ꯃꯅꯤꯄꯨꯔꯒꯤ ꯂꯩꯍꯥꯎꯗꯁꯨ ꯑꯁꯤꯒꯨꯝꯕ ꯏꯟꯚꯦꯁꯤꯚ ꯁ꯭ꯄꯦꯁꯤꯁ
ꯀꯌꯥꯅ ꯈꯨꯟꯗꯥꯔꯔꯤ꯫ ꯄꯥꯝꯕꯤꯒꯤ ꯀꯥꯡꯂꯨꯞꯇꯁꯨ ꯀꯌꯥꯅꯤ; ꯃꯈꯣꯏ ꯈꯔꯒꯤꯗꯤ ꯆꯟꯅꯐꯝ ꯂꯩ ꯑꯗꯨꯒ ꯑꯇꯩꯁꯤꯡꯅ
ꯆꯟꯅꯐꯝ ꯏꯔꯩ ꯂꯩꯇꯦ; ꯑꯗꯨꯕꯨ ꯃꯈꯣꯏ ꯑꯅꯤꯃꯛꯅ ꯂꯝꯗꯝꯁꯤꯗ ꯍꯥꯟꯅ ꯍꯧꯖꯔꯝꯕ ꯏꯟꯗꯤꯖꯤꯅꯁ ꯑꯣꯏꯕ
ꯄꯥꯝꯕꯤꯁꯤꯡꯗ ꯆꯩꯊꯦꯡ ꯄꯤꯗꯕꯗꯤ ꯅꯠꯇꯦ꯫ ꯆꯟꯅꯐꯝ ꯂꯩꯔꯤꯕ ꯄꯥꯝꯕꯤꯁꯤꯡꯒꯤ ꯃꯅꯨꯡꯗ ꯄꯥꯈꯪ ꯂꯩꯇꯣꯟ, ꯂꯣꯝꯕ, ꯍꯩꯀ꯭ꯔꯨ, ꯎ-ꯊꯨꯝ, ꯍꯩꯃꯥꯡ, ꯌꯣꯡꯆꯥꯛꯅꯆꯤꯡꯕ ꯌꯥꯎꯔꯤ; ꯑꯗꯨꯒ ꯆꯟꯅꯐꯝ ꯏꯔꯩ ꯂꯩꯇꯕꯁꯤꯡꯗꯅ ꯎꯇꯣꯡ ꯂꯩ, ꯌꯦꯔꯨꯝ ꯂꯩ, ꯅꯣꯡꯕꯥꯟ ꯂꯩ, ꯀꯥꯝꯕꯤꯔꯩ, ꯁꯝꯄꯛꯄꯤ, ꯈꯣꯡꯖꯥꯏ ꯅꯥꯄꯤꯅꯆꯤꯡꯕ ꯌꯥꯎꯔꯤ꯫ (International Journal ꯐꯣꯔ Innovative Research in Science & Technology, Volume 1, Issue 12, May 2015; Th. Bhogen ꯈꯤꯅꯒꯍ and et al./ ꯊꯤꯖꯤꯟꯕ ꯑꯁꯤꯗ ꯑꯁꯤꯒꯨꯝꯕ ꯏꯟꯚꯦꯁꯇꯤꯚ ꯄ꯭ꯂꯥꯟꯠ 127 ꯈꯛ ꯄꯨꯊꯣꯛꯄ ꯉꯝꯈꯤ꯫) ꯑꯁꯤꯒꯨꯝꯕ ꯏꯟꯚꯦꯁꯤꯚ ꯄ꯭ꯂꯥꯟꯠꯁꯤꯡ ꯑꯁꯤꯅ ꯂꯝꯗꯝ ꯑꯁꯤꯒꯤ ꯏꯀꯣꯂꯣꯖꯤꯈꯛꯇꯗ ꯑꯀꯥꯏꯕ ꯄꯤꯕ ꯅꯠꯇꯅ ꯁꯦꯟꯃꯤꯠꯂꯣꯟ ꯑꯃꯁꯨꯡ ꯈꯨꯟꯅꯥꯏꯔꯣꯜꯗꯁꯨ ꯑꯀꯥꯏꯕ ꯄꯤ ꯍꯥꯏꯔꯤ꯫
hOjiK hOjiKmK Common ragweed (Ambrosia artemisiifolia) haIrib paMbi ꯑꯁꯤꯅ ꯈꯥ-ꯑꯃꯦꯔꯤꯀꯥꯗꯒꯤ ꯌꯨꯔꯣꯞꯇ ꯀꯟꯅ ꯂꯥꯟꯗꯥꯁꯤꯜꯂꯛꯂꯤ꯫ ꯑꯗꯨꯒ ꯄꯥꯝꯕꯤ ꯑꯁꯤꯅ ꯂꯧꯎ-ꯁꯤꯡꯎ ꯈꯨꯟꯗꯥ-ꯂꯩꯇꯥꯕꯅꯆꯤꯡꯕ ꯊꯕꯛꯁꯤꯡꯗ ꯑꯄꯟꯕ ꯄꯤꯔꯤ꯫ ꯄꯥꯝꯕꯤ ꯑꯁꯤꯅ ꯃꯄꯥꯟ ꯁꯥꯔꯛꯄ ꯃꯇꯝꯗ ꯃꯥꯒꯤ ꯄꯂꯦꯟ (ꯂꯩꯔꯤꯛ) ꯁꯤꯡꯅ ꯁꯥꯊꯤꯕ ꯑꯦꯂꯔꯖꯤ ꯄꯣꯛꯍꯟꯕ ꯉꯝꯃꯤ, ꯑꯗꯨꯒ ꯑꯁꯃꯥ ꯂꯩꯔꯕ ꯃꯤꯁꯤꯡꯗꯗꯤ ꯍꯦꯟꯅ ꯈꯨꯗꯣꯡꯊꯤꯉꯥꯏ ꯑꯣꯏ꯫ ꯄꯥꯝꯕꯤ ꯑꯁꯤꯅ ꯑꯁꯨꯛ ꯊꯨꯅ ꯁꯟꯗꯣꯔꯛꯂꯤꯕ ꯀꯔꯤꯒꯤꯅꯣ ꯍꯥꯏꯅ ꯅꯣꯔꯋꯦꯖꯤꯌꯟ ꯌꯨꯅꯤꯚꯔꯁꯤꯇꯤ ꯑꯣꯐ ꯁꯥꯏꯟꯁ ꯑꯦꯟꯗ ꯇꯦꯛꯅꯣꯂꯣꯖꯤ (ꯑꯦꯟ ꯇꯤ ꯑꯦꯟ ꯌꯨ) ꯌꯨꯅꯤꯚꯔꯁꯤꯇꯤ ꯃ꯭ꯌꯨꯖꯤꯌꯝꯅ ꯊꯤꯖꯤꯜꯂꯨꯕꯒꯤ ꯄꯥꯎꯗꯝ ꯑꯃ “ꯁꯥꯏꯟꯁ ꯑꯦꯗꯚꯥꯟꯁꯦꯁ” ꯇ ꯐꯣꯡꯗꯣꯔꯛꯂꯤ꯫ ꯄ꯭ꯔꯣꯐꯦꯁꯔ ꯑꯣꯐ ꯏꯚꯣꯂꯨꯁ꯭ꯅꯔꯤ ꯖꯤꯅꯣꯃꯤꯛꯁ, Michael ꯙ. Martin ꯅ ꯐꯣꯡꯗꯣꯛꯄꯒꯤ ꯃꯇꯨꯡꯏꯟꯅ, ꯏꯟꯚꯦꯁꯤꯚ ꯁ꯭ꯄꯦꯁꯤꯁꯁꯤꯡ ꯑꯁꯤ ꯕꯥꯏꯑꯣꯂꯣꯖꯤꯀꯜ ꯗꯥꯏꯚꯔꯁꯤꯇꯤꯕꯨ ꯁꯣꯛꯍꯜꯂꯤꯕ ꯃꯔꯨ ꯑꯣꯏꯕ ꯐꯦꯛꯇꯔ ꯑꯃꯅꯤ꯫ ꯏꯟꯇꯔꯒꯣꯚꯔꯟꯃꯦꯟꯇꯜ ꯁꯥꯏꯟꯁ-ꯄꯣꯂꯤꯁꯤ ꯗꯥꯏꯚꯔꯁꯤꯇꯤꯗ ꯑꯀꯥꯏꯕ ꯄꯤꯔꯤꯕ ꯁꯥꯊꯤꯔꯕ ꯊ꯭ꯔꯦꯠ ꯃꯉꯥꯈꯛ ꯃꯁꯛ ꯈꯪꯗꯣꯛꯄ ꯉꯝꯈ꯭ꯔꯦ꯫ ꯃꯈꯣꯏꯒꯤ ꯃꯀꯣꯛꯇ ꯂꯩꯔꯤꯕꯅ ꯂꯝ ꯁꯤꯖꯤꯟꯅꯕꯒꯤ ꯃꯑꯣꯡ ꯍꯣꯡꯂꯛꯄ, ꯑꯅꯤꯁꯨꯕꯗ ꯔꯤꯁꯣꯔꯁꯁꯤꯡꯕꯨ ꯍꯛꯊꯦꯡꯅꯅ ꯁꯤꯖꯤꯟꯅꯔꯛꯄ, ꯀ꯭ꯂꯥꯏꯃꯦꯠ ꯆꯦꯟꯖ ꯑꯃꯁꯨꯡ ꯄꯣꯂ꯭ꯌꯨꯁꯟꯅ ꯑꯍꯨꯝꯁꯨꯕ ꯑꯃꯁꯨꯡ ꯃꯔꯤꯁꯨꯕꯅꯤ꯫ ꯃꯉꯥꯁꯨꯕ ꯑꯁꯤꯅ ꯃꯤꯌꯥꯝꯅꯗꯤ ꯏꯈꯟ ꯈꯟꯅꯔꯨꯗꯕ ꯑꯗꯨꯕꯨ ꯁꯥꯏꯟꯇꯤꯁꯠꯁꯤꯡꯅꯗꯤ ꯃꯤꯄꯥꯏꯕ ꯄꯣꯛꯅꯔꯤꯕ ꯑꯦꯂꯤꯌꯟ ꯁ꯭ꯄꯦꯁꯤꯁꯁꯤꯡ
ꯑꯁꯤꯅꯤ꯫

ꯑꯁꯤꯒꯨꯝꯕ ꯄꯥꯝꯕꯤ ꯌꯥꯎꯅ ꯁꯥꯁꯤꯡꯒꯤ ꯑꯦꯂꯤꯌꯟ
ꯁ꯭ꯄꯦꯁꯤꯁꯁꯤꯡ ꯑꯁꯤꯅ ꯃꯐꯝ ꯑꯃꯗ ꯍꯥꯟꯅ ꯂꯩꯔꯝꯕ
ꯁ꯭ꯄꯦꯁꯤꯁꯁꯤꯡꯕꯨ ꯃꯥꯡꯍꯟꯕ ꯉꯝꯃꯤ꯫ ꯀꯔꯤꯒꯨꯝꯕ
ꯃꯇꯝꯗ ꯃꯈꯣꯏꯅ ꯍꯥꯟꯅ ꯂꯩꯔꯝꯕ ꯁ꯭ꯄꯦꯁꯤꯁꯁꯤꯡꯕꯨ
ꯆꯥꯊꯣꯛꯏ ꯑꯗꯨꯒ ꯀꯔꯤꯒꯨꯝꯕꯗꯅ ꯃꯈꯣꯏꯅ ꯍꯥꯟꯅ
ꯂꯩꯔꯝꯕ ꯁ꯭ꯄꯦꯁꯤꯁꯁꯤꯡꯗꯨꯒꯤ ꯆꯤꯟꯖꯥꯛꯄꯨ ꯆꯥꯊꯣꯛꯏ꯫
ꯑꯦꯂꯤꯌꯟ ꯁ꯭ꯄꯦꯁꯤꯁꯁꯤꯡꯗꯨꯅ ꯍꯥꯟꯅ ꯂꯩꯔꯝꯕ
ꯏꯟꯗꯤꯖꯤꯅꯁ ꯁ꯭ꯄꯦꯁꯤꯁꯁꯤꯡꯒꯤ ꯂꯩꯐꯝꯁꯤꯡ ꯃꯨꯟꯈꯤ
ꯑꯗꯨꯒ ꯂꯥꯟꯗꯥꯁꯤꯜꯂꯛꯂꯤꯕ ꯁ꯭ꯄꯦꯁꯤꯁꯁꯤꯡꯒꯤ
ꯃꯇꯧꯒꯨꯝꯅ ꯏꯟꯗꯤꯖꯤꯅꯁ ꯁ꯭ꯄꯦꯁꯤꯁꯁꯤꯡꯅ ꯙꯥꯔꯥ-ꯅꯥꯂꯥ
ꯁꯟꯗꯣꯛꯄ ꯉꯝꯗꯦ꯫ ꯈꯨꯗꯝ ꯑꯣꯏꯅ, ꯍꯧꯗꯣꯡꯁꯤꯡꯁꯤ
ꯃꯥꯂꯦꯝꯗ ꯎꯆꯦꯛꯁꯤꯡ ꯑꯃꯁꯨꯡ ꯑꯇꯣꯞꯄ ꯁꯥꯁꯤꯡꯅ
ꯀꯟꯅ ꯆꯩꯊꯦꯡ ꯄꯤꯔꯤꯕ ꯁ꯭ꯄꯦꯁꯤꯁ ꯑꯃꯅꯤ꯫ ꯌꯨ
ꯑꯦꯁ ꯑꯦꯗ ꯆꯍꯤ ꯈꯨꯗꯤꯡꯒꯤ ꯍꯧꯗꯣꯡꯁꯤꯡꯅ ꯎꯆꯦꯛ
ꯕꯤꯂꯤꯌꯟ ꯃꯔꯤ ꯐꯥꯎꯕ ꯑꯗꯨꯒ ꯃꯃꯦꯜ ꯕꯤꯂꯤꯌꯟ
20 ꯗꯒꯤ ꯍꯦꯟꯅ ꯍꯥꯠꯂꯤ ꯑꯗꯨꯒ ꯅꯣꯔꯋꯦꯗꯅ ꯂꯝ
ꯍꯧꯗꯣꯡꯁꯤꯡꯅ ꯎꯆꯦꯛ ꯃꯤꯂꯤꯌꯟ ꯇꯔꯦꯠꯃꯨꯛ ꯍꯥꯠꯂꯤ
ꯍꯥꯏꯔꯤ꯫
ꯑꯇꯣꯞꯄ ꯑꯃꯔꯣꯝꯗꯅ, ꯑꯣꯁꯇ꯭ꯔꯦꯂꯤꯌꯥꯗ
ꯌꯨꯔꯣꯄꯤꯌꯟ ꯔꯦꯕꯤꯠ (Oryclolagus ꯆꯨꯅꯤꯆꯨꯂꯨꯁ)
ꯑꯁꯤ ꯑꯆꯧꯕ ꯁꯃꯁ꯭ꯌꯥ ꯑꯃ ꯑꯣꯏꯔꯛꯂꯤ꯫
ꯅꯦꯁꯅꯜ ꯖꯤꯑꯣꯒ꯭ꯔꯥꯐꯤꯛꯀꯤ ꯑꯥꯔꯇꯤꯀꯜ ꯑꯃꯒꯤ
ꯃꯇꯨꯡꯏꯟꯅꯅ ꯀꯨꯝꯖꯥ 1859 ꯗ Thomas ꯑꯨꯁꯇꯤꯅ
ꯀꯧꯕ ꯁꯦꯟꯖꯥꯎ ꯄꯥꯏꯕ ꯑꯃꯅ ꯁꯥꯗꯥꯟꯕꯒꯤ ꯊꯕꯛꯇ
ꯁꯤꯖꯤꯟꯅꯅꯕꯒꯤꯗꯃꯛ ꯌꯨꯔꯣꯄꯤꯌꯟ ꯔꯦꯕꯤꯠ 13 ꯈꯛ ꯃꯥꯒꯤ ꯄꯥꯛ ꯆꯥꯎꯔꯕ ꯏꯁ꯭ꯇꯦꯠꯇ ꯊꯥꯗꯣꯔꯛꯄ ꯍꯧꯔꯛꯈꯤ꯫ ꯆꯍꯤ 50 ꯒꯤ ꯃꯅꯨꯡ ꯈꯛꯇꯗ ꯏꯟꯚꯦꯁꯤꯚ ꯔꯦꯕꯤꯠ ꯑꯁꯤꯅ ꯑꯣꯁꯇ꯭ꯔꯦꯂꯤꯌꯥ ꯁꯤꯟꯕ ꯊꯨꯡꯅ ꯁꯟꯗꯣꯛꯄ ꯉꯝꯈꯤ꯫ ꯍꯧꯖꯤꯛꯇꯤ ꯃꯍꯥꯗꯦꯁ ꯑꯁꯤꯗ ꯔꯦꯕꯤꯠ ꯑꯁꯤ ꯋꯥꯏꯜꯗ ꯑꯣꯏꯅ ꯃꯤꯂꯤꯌꯟ 200 ꯃꯨꯛ ꯂꯩꯔꯦ ꯍꯥꯏꯔꯤ꯫ ꯑꯁꯨꯛ ꯌꯥꯝꯈ꯭ꯔꯕ ꯔꯦꯕꯤꯠꯁꯤꯡ ꯑꯁꯤꯅ ꯃꯍꯩ ꯃꯔꯣꯡꯁꯤꯡ ꯃꯥꯡꯍꯟꯕꯇ ꯅꯠꯇ, ꯅꯥꯄꯤ-ꯁꯤꯡꯕꯤꯁꯤꯡꯕꯨꯁꯨ ꯆꯥꯊꯣꯛꯈꯤꯗꯨꯅ ꯁꯣꯏꯜ ꯏꯔꯣꯖꯟ ꯊꯣꯛꯍꯜꯂꯤ ꯑꯗꯨꯒ ꯅꯦꯇꯤꯚ ꯄ꯭ꯂꯥꯟꯠ ꯑꯃꯁꯨꯡ ꯑꯦꯅꯤꯃꯦꯜ ꯁ꯭ꯄꯦꯁꯤꯁ ꯀꯌꯥꯕꯨꯁꯨ ꯃꯥꯡꯍꯜꯂꯤ꯫ ꯑꯁꯤꯒꯨꯝꯕ ꯊꯧꯑꯣꯡꯁꯤꯡ ꯑꯁꯤꯗꯒꯤ ꯀꯟꯅꯕꯒꯤꯗꯃꯛ ꯑꯣꯁꯇ꯭ꯔꯦꯂꯤꯌꯥꯒꯤ ꯂꯩꯉꯥꯛꯅ
ꯔꯦꯕꯤꯠ ꯌꯣꯛꯄꯁꯤꯡꯕꯨ ꯗꯣꯜꯂꯔ 20,000 ꯐꯥꯎꯕꯒ ꯑꯆꯧꯕ ꯐꯥꯏꯟ ꯊꯤꯍꯜꯂꯤ꯫
ꯃꯇꯧ ꯑꯁꯨꯝꯅ, ꯀꯃꯟ ꯔꯥꯒꯋꯤꯗꯅꯁꯨ ꯌꯨꯔꯣꯞꯇ ꯂꯥꯟꯗꯥꯁꯤꯜꯂꯛꯂꯤ꯫ ꯈꯥ ꯑꯃꯦꯔꯤꯀꯥꯒꯤ ꯇꯦꯝꯄꯔꯦꯠ ꯔꯤꯖꯟꯁꯤꯡꯗ ꯍꯧꯔꯛꯄꯐꯝ ꯑꯣꯏꯔꯤꯕ ꯀꯃꯟ ꯔꯥꯒꯋꯤꯗ ꯑꯁꯤ ꯌꯨꯔꯣꯞꯇ ꯄꯨꯁꯤꯜꯂꯛꯂꯤ ꯃꯔꯨ-ꯃꯔꯥꯡ (ꯁꯤꯗ) ꯁꯤꯡ ꯑꯃꯁꯨꯡ ꯁꯒꯣꯜꯒꯤ ꯃꯆꯤꯟꯖꯥꯛꯁꯤꯡꯗ ꯌꯥꯎꯔꯛꯄ ꯃꯔꯤ (ꯁꯤꯗ) ꯁꯤꯡꯗꯒꯤ ꯌꯨꯔꯣꯞꯇ ꯀꯨꯝꯖꯥ 1800 ꯒꯤ ꯃꯇꯝꯗꯒꯤ ꯁꯟꯗꯣꯔꯛꯄ ꯍꯧꯔꯛꯈꯤꯕꯅꯤ꯫ ꯑꯗꯨꯕꯨ ꯍꯧꯈꯤꯕ ꯆꯍꯤ ꯈꯔꯁꯤꯗ ꯑꯉꯛ ꯃꯑꯣꯡꯗ ꯃꯍꯥꯗꯦꯁ ꯑꯁꯤꯗ ꯌꯥꯝꯅ ꯊꯨꯅ ꯁ NdorKSi꯫ ꯉꯁꯤꯗꯤ ꯀꯃꯟ ꯔꯥꯒꯋꯤꯗꯀꯤ ꯃꯔꯨꯁꯤꯡ ꯌꯥꯎꯔꯕ ꯌꯦꯟ-ꯉꯥꯅꯨꯒꯨꯝꯕꯒꯤ ꯃꯆꯤꯟꯖꯥꯛꯁꯤꯡꯅ ꯃꯔꯨ ꯑꯣꯏꯅ ꯁꯟꯗꯣꯔꯛꯐꯝ ꯑꯣꯏꯔꯤ꯫ ꯑꯁꯣꯞꯄ ꯑꯦꯂꯤꯌꯟ ꯁ꯭ꯄꯦꯁꯤꯁꯁꯤꯡꯗꯤ ꯏꯁꯟ ꯁꯟꯗꯣꯔꯛꯄ ꯉꯝꯗꯦ꯫ ꯃꯔꯝꯗꯤ ꯃꯈꯣꯏꯅ ꯑꯅꯧꯕ ꯏꯟꯚꯥꯏꯔꯟꯃꯦꯟꯠꯀꯤ ꯐꯤꯚꯝꯁꯤꯡꯒ ꯆꯨꯁꯤꯟꯅꯅ ꯍꯤꯡꯕ ꯉꯝꯗꯦ꯫ ꯃꯁꯤꯒꯤ ꯃꯔꯨ ꯑꯣꯏꯕ ꯃꯔꯝ ꯑꯃꯗꯤ ꯀꯃꯟ ꯔꯥꯒꯋꯤꯗꯁꯤꯡꯒꯤ ꯖꯤꯟꯁꯤꯡꯅ ꯊꯣꯛꯍꯟꯕꯅꯤ ꯍꯥꯏꯔꯤ꯫

NTNU ꯌꯨꯅꯤꯚꯔꯁꯤꯇꯤ ꯃ꯭ꯌꯨꯖꯤꯌꯝꯒꯤ ꯊꯤꯖꯤꯟ ꯂꯨꯞ ꯑꯁꯤꯅ ꯀꯃꯟ ꯔꯥꯒꯋꯤꯗꯀꯤ ꯁ꯭ꯄꯦꯁꯤꯃꯦꯟ 655 ꯗ ꯌꯥꯎꯔꯤꯕ ꯖꯤꯅꯦꯇꯤꯛ ꯃꯦꯇꯔꯤꯑꯜꯁꯤꯡꯗ ꯌꯦꯡꯁꯤꯟꯈꯤ꯫ ꯁ꯭ꯄꯦꯁꯤꯃꯦꯟ 655 ꯁꯤꯒꯤ ꯃꯅꯨꯡꯗ 308 ꯗꯤ ꯍꯔꯕꯦꯔꯤꯌꯥꯗ ꯃꯇꯝ ꯀꯨꯏꯅ ꯂꯤꯗꯨꯅ ꯊꯝꯂꯛꯂꯕ ꯄꯥꯝꯕꯁꯤꯡꯗꯒꯤꯐꯪꯈꯤꯕꯅꯤ꯫ ꯃꯈꯣꯏꯁꯤꯗꯒꯤ ꯈꯔ ꯑꯃꯗꯤ ꯌꯨꯔꯣꯞꯇ ꯑꯍꯥꯟꯕꯒꯤ ꯑꯣꯏꯅ ꯆꯪꯂꯛꯈꯤꯕ ꯃꯇꯝ ꯍꯥꯏꯕꯗꯤ ꯉꯁꯤꯗꯒꯤꯅ
ꯆꯍꯤ 190 ꯒꯤ ꯃꯃꯥꯡꯗ ꯈꯣꯝꯖꯤꯟꯈꯤꯕ ꯄꯥꯝꯕꯤꯁꯤꯡꯅꯤ꯫ ꯌꯨꯔꯣꯞꯀꯤ ꯏꯁꯤꯡ-
ꯅꯨꯡꯁꯤꯠꯀꯤ ꯐꯤꯚꯝꯅ ꯂꯥꯏꯅ ꯄꯣꯛꯍꯟꯕ ꯉꯝꯕ ꯄꯦꯊꯣꯖꯦꯟꯁꯤꯡꯗꯒꯤ ꯉꯥꯛꯊꯣꯛꯄ
ꯉꯝꯕ ꯖꯤꯟꯁꯤꯡ ꯁꯦꯝꯒꯠꯂꯛꯄꯗ ꯍꯥꯏꯕꯗꯤ ꯖꯤꯟꯁꯤꯡꯗ ꯃ꯭ꯌꯨꯇꯦꯠ ꯇꯧꯔꯛꯄꯗ
ꯃꯇꯦꯡ ꯄꯥꯡꯏ꯫ ꯍꯥꯏꯅ NTNU ꯌꯨꯅꯤꯚꯔꯁꯤꯇꯤ ꯃ꯭ꯌꯨꯖꯤꯌꯝꯒꯤ ꯏꯚꯣꯂꯨꯁ꯭ꯅꯔꯤ
ꯖꯤꯅꯦꯇꯤꯛꯁꯀꯤ ꯑꯦꯛꯁꯄꯔꯠ Vanessa C. Bieker ꯅ ꯐꯣꯡꯗꯣꯔꯛꯂꯤ꯫

ꯌꯨꯔꯣꯞꯇ, ꯀꯃꯟ ꯔꯥꯒꯋꯤꯗ ꯑꯁꯤꯗ ꯂꯣꯀꯜ ꯊ꯭ꯔꯦꯠꯁꯤꯡꯗ ꯍꯦꯟꯅ ꯔꯤꯖꯤꯁꯠꯇꯦꯟꯠ
ꯑꯣꯏꯕꯒꯨꯝ ꯇꯧꯏ꯫ ꯗꯥꯔꯋꯤꯟꯒꯤ ꯅꯦꯆꯔꯜ ꯁꯤꯂꯦꯛꯁꯟ ꯑꯁꯤꯒꯤ ꯃꯇꯨꯡꯏꯟꯅꯁꯨ
ꯍꯦꯟꯅ ꯀꯟꯕ (ꯍꯥꯔꯗ ꯑꯣꯏꯕ) ꯄꯥꯝꯕꯤꯁꯤꯡꯅ ꯑꯊꯣꯠꯄ ꯄꯥꯝꯕꯁꯤꯡꯗꯒꯤ ꯍꯦꯟꯅ
ꯈꯨꯗꯣꯡꯆꯥꯕ ꯐꯪꯏ ꯑꯗꯨꯒ ꯌꯥꯝꯅ ꯍꯦꯟꯅ ꯊꯨꯅ ꯙꯥꯔꯥ ꯁꯟꯗꯣꯛꯄ ꯉꯝꯃꯤ꯫ ꯐꯤꯚꯝ
ꯑꯁꯤ ꯃꯅꯤꯄꯨꯔꯒꯤ ꯁꯤꯔꯣꯏ ꯆꯤꯡ ꯑꯃꯁꯨꯡ ꯖꯨꯀꯣ ꯚꯦꯂꯤꯗ ꯍꯧꯔꯤꯕ ꯂꯤꯂꯤꯁꯤꯡꯅ
ꯊꯦꯡꯅꯔꯤ; ꯑꯄꯤꯛꯄ ꯋꯥꯒꯤ ꯁ꯭ꯄꯦꯁꯤꯁ (ꯇꯦꯅꯋꯥ ꯍꯥꯏꯔ ꯈꯪꯅꯔꯤꯕ) ꯑꯃꯅ
ꯂꯥꯟꯗꯥꯁꯤꯜꯂꯛꯄ ꯑꯁꯤꯁꯨ ꯂꯤꯂꯤꯁꯤꯡ ꯑꯁꯤꯒꯤ ꯃꯃꯤ ꯁꯥꯝꯊꯔꯛꯄꯒꯤ ꯃꯔꯝ
ꯑꯃ ꯑꯣꯏꯔꯤꯕꯅꯤ꯫
ꯀꯃꯟ ꯔꯥꯒꯋꯤꯗ ꯑꯁꯤꯅ ꯁꯟꯗꯣꯔꯛꯄꯒꯤ ꯑꯇꯣꯞꯄ ꯃꯔꯝ ꯑꯃꯗꯤ
ꯃꯁꯤꯅ ꯆꯔꯥ/ ꯙꯥꯔꯥ ꯁꯟꯗꯣꯛꯄꯗ ꯑꯇꯣꯞꯄ ꯁ꯭ꯄꯦꯁꯤꯁꯁꯤꯡꯅꯁꯨ ꯃꯇꯦꯡ ꯄꯥꯡꯕ
ꯑꯁꯤꯅꯤ꯫ ꯀꯃꯟ ꯔꯥꯒꯋꯤꯗ ꯑꯁꯤ ꯁꯦꯛꯁꯨꯑꯦꯜꯂꯤ ꯔꯤꯄ꯭ꯔꯗ꯭ꯌꯨꯁ ꯇꯧꯏ ꯑꯗꯨꯅ
ꯄꯥꯔꯠꯅꯔ ꯑꯒꯤ ꯃꯊꯧ ꯇꯥꯏ꯫ ꯑꯗꯨꯕꯨ ꯃꯁꯤꯅ ꯌꯨꯔꯣꯞꯇ ꯁꯟꯗꯣꯔꯛꯂꯕ ꯃꯇꯨꯡꯗꯗꯤ
ꯃꯁꯤꯒ ꯁ꯭ꯄꯦꯁꯤꯁ ꯃꯥꯟꯅꯕ ꯄꯥꯔꯠꯅꯔ ꯅꯠꯇ꯭ꯔꯕꯁꯨ ꯌꯥꯝꯅ ꯅꯛꯅꯅ ꯃꯔꯤ ꯂꯩꯅꯕ
ꯁ꯭ꯄꯦꯁꯤꯁ ꯄꯥꯔꯠꯅꯔ ꯑꯃꯒ ꯄꯨꯜꯂꯒ ‘ꯍꯥꯏꯕ꯭ꯔꯤꯗ’ ꯁꯦꯝꯕ ꯉꯝꯈꯤ ꯍꯥꯏꯅ
ꯃꯥꯏꯀꯦꯜ ꯃꯥꯔꯇꯤꯟꯅ ꯐꯣꯡꯗꯣꯛꯂꯤ꯫ ꯃꯁꯤꯒꯤ ꯋꯥꯍꯟꯊꯣꯛꯇꯤ ꯀꯃꯟ ꯔꯥꯒꯋꯤꯗ
ꯑꯃꯅ ꯃꯔꯨ (ꯁꯤꯗ) ꯁꯦꯝꯅꯕꯒꯤꯗꯃꯛ ꯑꯇꯣꯞꯄ ꯀꯃꯟ ꯔꯥꯒꯋꯤꯗ ꯑꯕꯒ
ꯐꯔꯇꯤꯂꯥꯏꯖꯦꯁꯟ ꯇꯧꯗ꯭ꯔꯕꯁꯨ ꯌꯥꯏ; ꯅꯛꯅꯕ ꯁ꯭ꯄꯦꯁꯤꯁ ꯑꯃꯒ ꯐꯔꯇꯤꯂꯥꯏꯖꯦꯁꯟ
ꯇꯧꯗꯨꯅ ꯃꯍꯧꯁꯥꯒꯤ ꯑꯣꯏꯕ ꯊꯧꯑꯣꯡꯒꯤ ꯍꯥꯏꯕ꯭ꯔꯤꯗ ꯁꯤꯗꯁꯤꯡ ꯁꯦꯝꯃꯤ ꯑꯃꯁꯨꯡ
ꯙꯥꯔꯥ ꯁꯟꯗꯣꯔꯛꯏ꯫ ꯃꯁꯤꯅꯁꯨ ꯌꯨꯔꯣꯞꯄꯨ ꯈꯨꯗꯨꯝ ꯆꯜꯂꯛꯅꯕꯒꯤ ꯃꯔꯝ ꯑꯃ
ꯑꯣꯏꯈꯤꯕꯅꯤ ꯍꯥꯏꯔꯤ꯫
ꯀꯃꯟ ꯔꯥꯒꯋꯤꯗꯅ ꯌꯨꯔꯣꯞꯂꯣꯝꯗ ꯁꯟꯗꯣꯔꯛꯄ ꯑꯁꯤꯅ ꯈꯥ-ꯑꯃꯦꯔꯤꯀꯥꯗ ꯊꯦꯡꯅꯔꯝꯕ ꯌꯦꯛꯅꯕꯁꯤꯡꯗꯒꯤ ꯉꯥꯛꯊꯣꯛꯆꯕꯁꯨ ꯉꯝꯃꯤ꯫ ꯃꯔꯝꯗꯤ ꯃꯐꯝꯗꯨꯗꯗꯤ ꯃꯈꯣꯏꯕꯨ ꯕꯦꯛꯇꯔꯤꯑꯜ ꯄꯦꯊꯣꯖꯦꯟꯁꯤꯡꯅ ꯑꯃꯥꯡ ꯑꯇꯥ ꯀꯌꯥ ꯊꯣꯛꯍꯜꯂꯤ꯫ ꯌꯨꯔꯣꯞꯇꯗꯤ ꯃꯐꯝꯗꯨꯒꯤ ꯕꯦꯛꯇꯔꯤꯌꯥꯅ ꯅꯥꯍꯟꯕ ꯉꯝꯗ꯭ꯔꯤ꯫ ꯑꯗꯨꯅ ꯔꯥꯒꯋꯤꯗꯅ ꯂꯥꯏꯅꯥꯁꯤꯡꯗꯒꯤ ꯉꯥꯛꯊꯣꯛꯅꯕꯒꯤꯗꯃꯛ ꯑꯦꯅꯔꯖꯤ ꯁꯤꯖꯤꯟꯅꯕꯒꯤ ꯆꯥꯡꯗꯒꯤ ꯆꯥꯎꯈꯠꯄ ꯑꯃꯁꯨꯡ ꯔꯤꯄ꯭ꯔꯗꯛꯁꯟꯗ ꯍꯦꯟꯅ ꯁꯤꯖꯤꯟꯅꯕ ꯉꯝꯕꯒꯤ ꯈꯨꯗꯣꯡꯆꯥꯕꯁꯨ ꯂꯩꯔꯤ꯫ ꯃꯇꯧ ꯑꯁꯨꯝꯅ ꯂꯥꯟꯗꯥꯁꯤꯜꯂꯛꯂꯤꯕ ꯁ꯭ꯄꯦꯁꯤꯁꯁꯤꯡ ꯑꯁꯤꯒꯤ ꯃꯔꯝꯗ ꯊꯤꯖꯤꯟꯕꯒꯤ ꯊꯕꯛ ꯑꯁꯤ ꯏꯔꯝꯗꯝ ꯑꯁꯤꯗꯁꯨ ꯄꯥꯡꯊꯣꯛꯄꯒꯤ ꯃꯇꯧ ꯇꯥꯔꯕ꯭ꯔꯥ ꯍꯥꯏꯅ ꯈꯜꯂꯤ꯫=

ꯁꯨꯄꯔ 12 ꯒꯤ ꯃꯦꯠꯆꯁꯤꯡ ꯂꯣꯏꯈ꯭ꯔꯦ
ꯏꯀꯥꯏꯈꯨꯝꯅꯖꯔꯤꯕ ꯑꯦꯗꯤꯇꯔ,
ꯍꯧꯈꯤꯕ ꯑꯣꯛꯇꯣꯕꯔ ꯇꯥꯡ 16 ꯇꯒꯤ ꯃꯥꯂꯦꯝꯒꯤ ꯂꯩꯕꯥꯛ 16 ꯅ
ꯁꯔꯨꯛ ꯌꯥꯗꯨꯅ ꯑꯥꯏ ꯁꯤ ꯁꯤ ꯇꯤ 20 ꯒꯤ 8 ꯁꯨꯕ ꯃꯦꯟꯁ ꯋꯔꯜꯗ
ꯀꯞ ꯑꯣꯁꯇ꯭ꯔꯦꯂꯤꯌꯥꯅ ꯌꯨꯝꯕꯨ ꯑꯣꯏꯗꯨꯅ ꯍꯧꯖꯤꯛ ꯃꯥꯏ ꯄꯥꯛꯅ
ꯆꯠꯊꯔꯤꯕ ꯇꯨꯔꯅꯥꯃꯦꯟꯠꯁꯤꯒꯤ ꯒ꯭ꯔꯨꯞ ꯑꯦ ꯑꯃꯁꯨꯡ ꯕꯤꯗ ꯂꯩꯕ
ꯇꯤꯝꯁꯤꯡꯅ ꯁꯨꯄꯔ 12 ꯆꯪꯅꯕꯒꯤꯗꯃꯛ ꯒ꯭ꯔꯨꯞ ꯃꯦꯠꯆꯁꯤꯡ
ꯑꯗꯨꯁꯨ ꯑꯃꯨꯛ ꯑꯣꯛꯇꯣꯕꯔ ꯇꯥꯡ 22 ꯗꯒꯤ ꯁꯥꯟꯅꯕ ꯍꯧꯔꯛꯂꯒ
ꯅꯕꯦꯝꯕꯔ ꯇꯥꯡ 6 ꯇ ꯁꯥꯟꯅꯕ ꯂꯣꯏꯁꯤꯟꯈ꯭ꯔꯦ꯫
ꯑꯔꯣꯏꯕꯒꯤ ꯁꯨꯄꯔ 12 ꯃꯦꯠꯆꯁꯤꯡ ꯑꯁꯤ ꯒ꯭ꯔꯨꯞ 2 ꯒꯤ
ꯇꯤꯝꯁꯤꯡꯅ ꯁꯥꯟꯅꯔꯒ ꯂꯣꯏꯁꯤꯟꯈꯤꯕꯅꯤ꯫ ꯂꯣꯏꯁꯤꯟꯈꯤꯕ
ꯑꯗꯨ ꯁꯥꯎꯊ ꯑꯥꯐ꯭ꯔꯤꯀꯥ-ꯅꯦꯗꯔꯂꯦꯟꯗꯁ, ꯏꯟꯗꯤꯌꯥ-ꯖꯤꯝꯕꯥꯋꯦ,
ꯄꯥꯀꯤꯁꯇꯥꯟ-ꯕꯥꯡꯂꯥꯗꯦꯁꯅ ꯅꯣꯡꯃꯇ ꯁꯥꯟꯅꯔꯒ ꯁꯨꯄꯔ 12
ꯃꯦꯠꯆꯁꯤꯡ ꯁꯥꯟꯅꯕ ꯂꯣꯏꯁꯤꯟꯈꯤ꯫ ꯃꯗꯨꯗ ꯏꯟꯗꯤꯌꯥꯅ
ꯌꯥꯝꯅ ꯆꯥꯎꯅ ꯃꯥꯏ ꯄꯥꯛꯂꯒ ꯒ꯭ꯔꯨꯞ ꯇꯨꯒꯤ ꯋꯤꯟꯅꯔ ꯑꯣꯏꯗꯨꯅ
ꯁꯦꯃꯤꯐꯥꯏꯅꯦꯜ ꯆꯪꯕ ꯉꯝꯈꯤꯕꯅꯤ꯫
ꯁꯨꯄꯔ 12 ꯒꯤ ꯒ꯭ꯔꯨꯞ ꯇꯨꯒꯤ ꯔꯟꯅꯔꯁ ꯑꯣꯏꯅꯕ
ꯄꯥꯀꯤꯁꯇꯥꯟꯅ ꯕꯥꯡꯂꯥꯗꯦꯁꯄꯨ ꯋꯤꯀꯦꯠ 5 ꯗ ꯏꯀꯣꯝ-ꯀꯣꯝꯅ
ꯃꯥꯏꯊꯤꯕ ꯄꯤꯗꯨꯅ ꯁꯦꯃꯤꯐꯥꯏꯅꯦꯜ ꯆꯪꯕ ꯉꯝꯈꯤ꯫ ꯄꯥꯀꯤꯁꯇꯥꯟ
ꯑꯁꯤ ꯁꯦꯃꯤꯐꯥꯏꯅꯦꯜ ꯆꯪꯕ ꯉꯝꯕꯒꯤ ꯐꯤꯚꯝ ꯂꯩꯔꯝꯗꯕꯗꯨ ꯁꯥꯎꯊ
ꯑꯐ꯭ꯔꯤꯀꯥ ꯑꯃꯁꯡ ꯅꯦꯗꯔꯂꯦꯟꯗꯁ ꯀꯤ ꯑꯔꯣꯏꯕ ꯁꯥꯟꯅꯕꯗ
ꯁꯥꯎꯊ ꯑꯥꯐ꯭ꯔꯤꯀꯥꯕꯨ ꯅꯦꯗꯔꯂꯦꯟꯗꯁꯅ ꯃꯥꯏꯊꯤꯕ ꯄꯤꯕꯗꯒꯤ
ꯁꯦꯃꯤꯐꯥꯏꯅꯦꯜ ꯆꯪꯅꯕꯒꯤ ꯂꯝꯕꯤ ꯑꯃ ꯂꯩꯍꯜꯂꯛꯈꯤꯕꯅꯤ꯫
ꯑꯗꯨꯒ ꯄꯥꯀꯤꯁꯇꯥꯟꯅ ꯕꯥꯡꯂꯥꯗꯦꯁꯄꯨ ꯃꯥꯏꯊꯤꯕ ꯄꯤꯔꯝꯕꯗꯨꯅꯁꯨ
ꯃꯔꯝ ꯑꯣꯏꯗꯨꯅ ꯁꯦꯃꯤꯐꯥꯏꯅꯦꯜ ꯌꯧꯕ ꯉꯝꯂꯛꯈꯤ꯫ ꯍꯧꯖꯤꯛꯇꯤ
ꯇꯨꯔꯅꯥꯃꯦꯟꯠꯁꯤꯒꯤ ꯐꯥꯏꯅꯦꯜꯒꯤꯗꯃꯛ ꯄꯥꯀꯤꯁꯇꯥꯟꯅ ꯁꯨꯄꯔ
12 ꯒ꯭ꯔꯨꯞ ꯋꯥꯟꯒꯤ ꯋꯤꯟꯅꯔ ꯅꯤꯎ ꯖꯤꯂꯦꯟꯗꯒ ꯑꯍꯥꯟꯕ
ꯁꯦꯃꯤꯐꯥꯏꯅꯦꯜ ꯃꯦꯠꯆ ꯅꯕꯦꯝꯕꯔ 9 ꯗ ꯗꯤꯁꯅꯤ ꯀ꯭ꯔꯤꯀꯦꯠ
ꯒ꯭ꯔꯥꯎꯟꯗ ꯁꯤꯗꯅꯤꯗ ꯁꯥꯟꯅꯒꯅꯤ꯫ ꯅꯤꯎ ꯖꯤꯂꯦꯟꯗꯒ ꯁꯥꯟꯅꯕ
ꯍꯥꯏꯕꯁꯤ ꯑꯔꯥꯏꯕ ꯑꯣꯏꯔꯣꯏ꯫ ꯍꯟꯗꯛꯇꯤ ꯅꯤꯎ ꯖꯤꯂꯦꯟꯗ
ꯊꯋꯥꯏ ꯌꯥꯎꯅ ꯁꯥꯟꯅꯕ ꯎꯏ꯫
ꯑꯅꯤꯁꯨꯕ ꯁꯦꯃꯤꯐꯥꯏꯅꯦꯜ ꯃꯦꯠꯆ ꯑꯣꯏꯅ ꯏꯟꯗꯤꯌꯥ ꯁꯨꯄꯔ
12 ꯒꯤ ꯒ꯭ꯔꯨꯞ 1 ꯒꯤ ꯔꯟꯅꯔꯁ-ꯑꯞ ꯏꯪꯂꯦꯟꯗꯒ ꯅꯕꯦꯝꯕꯔ 10
ꯗ ꯁꯥꯎꯊ ꯑꯣꯁꯇ꯭ꯔꯦꯂꯤꯌꯥꯒꯤ ꯀꯦꯄꯤꯇꯦꯜ ꯁꯤꯇꯤ ꯑꯗꯂꯥꯏꯠꯇ
ꯂꯩꯕ ꯑꯗꯂꯥꯏꯠ ꯑꯣꯕꯦꯜ ꯁ꯭ꯇꯦꯗꯤꯌꯝꯗ ꯁꯥꯟꯅꯒꯅꯤ꯫ ꯍꯟꯗꯛꯇꯤ
ꯏꯟꯗꯤꯌꯥꯅ ꯇꯨꯔꯅꯥꯃꯦꯟꯠ ꯑꯁꯤꯒꯤ ꯑꯣꯏꯅ ꯇꯤꯝ ꯄꯨꯝꯅꯃꯛꯇꯒꯤ
ꯄꯣꯏꯟꯠ ꯃꯁꯤꯡ ꯍꯦꯟꯅ ꯐꯪꯕ ꯉꯝꯂꯤ꯫ ꯏꯟꯗꯤꯌꯥꯅ ꯁꯨꯄꯔ 12
ꯒꯤ ꯃꯦꯠꯆ 5 ꯁꯥꯟꯅꯕꯗ ꯑꯃꯨꯛꯇꯪ ꯃꯥꯏꯊꯤꯔꯒ ꯄꯣꯏꯟꯠ 3
ꯐꯪꯂꯤ꯫ ꯑꯗꯨꯒ ꯅꯤꯎ ꯖꯤꯂꯦꯟꯗ ꯑꯃꯁꯨꯡ ꯏꯪꯂꯦꯟꯗ ꯇꯤꯝ ꯑꯅꯤꯅ
ꯃꯦꯠꯆ 5-5 ꯁꯥꯟꯅꯕꯗ ꯋꯤꯟꯅꯔ 3-3 ꯑꯣꯏꯗꯨꯅ ꯄꯣꯏꯟꯠ 7-7
ꯆꯞ ꯃꯥꯟꯅꯅ ꯐꯪꯂꯤ꯫ ꯄꯣꯏꯟꯠ ꯆꯞ ꯃꯥꯟꯅꯔꯕꯁꯨ ꯇꯤꯝ ꯑꯅꯤꯁꯤ
ꯅꯦꯠ ꯔꯟ ꯔꯦꯠ (ꯑꯦꯟ ꯑꯥꯔ ꯑꯥꯔ) ꯗ ꯌꯦꯡꯅꯔꯒ ꯒ꯭ꯔꯨꯞꯀꯤ
ꯋꯤꯟꯅꯔ-ꯔꯟꯅꯔꯁ ꯈꯟꯈꯤꯕꯅꯤ꯫ ꯑꯗꯨꯒ ꯑꯁꯥ ꯃꯥꯡꯂꯨꯔꯕ
ꯄꯥꯀꯤꯁꯇꯥꯟꯗꯤ ꯃꯦꯠꯆ 5 ꯁꯥꯟꯅꯕꯗ ꯑꯅꯤꯔꯛ ꯃꯥꯏꯊꯤꯔꯒ
ꯄꯣꯏꯟꯠ 6 ꯐꯪꯗꯨꯅ ꯁꯨꯄꯔ 12 ꯒ꯭ꯔꯨꯞꯇꯤ ꯔꯟꯅꯔꯁ ꯑꯣꯏꯅ
ꯂꯩꯈꯤ꯫
ꯀꯔꯕꯤꯀꯦꯠ ꯃꯁꯥꯟꯅ ꯑꯁꯤꯒꯤ ꯈ꯭ꯋꯥꯏꯗꯒꯤ ꯅꯨꯡꯉꯥꯏ ꯑꯃ
ꯍꯥꯏꯔꯒꯗꯤ ꯕꯣꯜꯂꯔ ꯑꯃꯅ ꯂꯪꯂꯛꯞ ꯕꯣꯂꯤꯡ ꯑꯗꯨ ꯕꯦꯠꯆꯃꯦꯟꯅ
ꯁꯥꯟꯅꯗꯨꯅ ꯕꯥꯎꯟꯗꯔꯤ ꯌꯧꯍꯟꯕ ꯅꯠꯇ꯭ꯔꯒ ꯌꯥꯎꯟꯗꯔꯤ ꯑꯗꯨꯒꯤ
ꯋꯥꯡꯃꯗ ꯐꯨꯜ ꯑꯣꯏꯅ ꯇꯥꯍꯟꯕ ꯉꯝꯕꯗꯨꯅꯤ꯫ ꯐꯨꯜ ꯑꯣꯏꯅ
ꯇꯥꯍꯟꯕꯁꯤꯁꯨ ꯁꯤꯛꯁ ꯔꯟ ꯍꯥꯏꯅ ꯈꯪꯅꯩ꯫ ꯁꯤꯛꯁ ꯔꯟꯗꯒꯤ
ꯍꯦꯟꯕ ꯑꯆꯧꯕ ꯔꯟ ꯑꯃ ꯂꯩꯇꯔꯦ꯫ ꯀꯔꯤꯒꯨꯝꯕ ꯃꯇꯝꯗ
ꯑꯝꯄꯌꯔꯅ ꯅꯣ ꯕꯣꯜꯒꯤ ꯗꯤꯁꯤꯖꯟ ꯄꯤꯔꯛꯂꯒꯅ ꯁꯤꯛꯁ ꯔꯟ
ꯂꯧꯈ꯭ꯔꯕꯗꯤ ꯔꯟ ꯑꯗꯨꯗ ꯅꯣ ꯕꯣꯜꯒꯤ ꯔꯟ ꯑꯃ ꯍꯥꯞꯆꯤꯜꯂꯒ
ꯄꯨꯟꯅ ꯔꯟ ꯇꯔꯦꯠ ꯑꯃꯨꯛꯇꯗ ꯐꯪꯕꯁꯨ ꯌꯥꯎꯏ꯫
ꯄꯟꯕ ꯌꯥꯕꯗꯤ ꯁꯥꯎꯊ ꯑꯐ꯭ꯔꯤꯀꯥꯗ ꯄꯥꯡꯊꯣꯛꯈꯤꯕ
ꯁꯦꯃꯤꯐꯥꯏꯅꯦꯜ ꯃꯦꯠꯆ ꯑꯃꯗ ꯏꯟꯗꯤꯌꯥꯒꯤ ꯂꯦꯐꯠ ꯅꯦꯟꯗ
ꯕꯦꯠꯆꯃꯦꯟ ꯌꯨꯕꯔꯥꯖ ꯁꯤꯡꯍꯅ ꯕꯦꯠ ꯁꯥꯟꯅꯕꯗ ꯄꯤꯠꯁꯇꯒꯤ
ꯃꯤꯇꯔ 119 ꯂꯥꯟꯅ ꯕꯣꯜ ꯇꯥꯍꯟꯗꯨꯅ ꯁꯤꯛꯁ ꯔꯟ ꯂꯧꯕ ꯉꯝꯈꯤꯕ
ꯑꯗꯨꯅ ꯑꯥꯏꯤ ꯁꯤ ꯁꯤ ꯇꯤ 20 ꯒꯤ ꯋꯔꯜꯗ ꯀꯞꯀꯤ ꯄꯨꯋꯥꯔꯤꯗ
ꯈ꯭ꯋꯥꯏꯗꯒꯤ ꯍꯦꯟꯅ ꯁꯥꯡꯕ ꯁꯤꯛꯁ ꯑꯣꯏꯔꯤ꯫
ꯇꯨꯔꯅꯥꯃꯦꯟꯠꯁꯤꯒꯤ ꯂꯥꯏꯚ ꯕ꯭ꯔꯣꯗꯀꯥꯁꯠ ꯑꯣꯏꯅ ꯏꯟꯗꯤꯌꯥꯗ
ꯁ꯭ꯇꯥꯔ ꯁ꯭ꯄꯣꯔꯠꯁ, ꯗꯤ ꯗꯤ ꯁ꯭ꯄꯣꯔꯠꯁ ꯑꯃꯁꯨꯡ ꯑꯥꯏ ꯑꯥꯔ
(ꯑꯣꯜ ꯏꯟꯗꯤꯌꯥ ꯔꯦꯗꯤꯑꯣ) ꯒꯤ ꯑꯦꯐ ꯑꯦꯝ ꯑꯦꯝ ꯆꯦꯟꯅꯦꯜꯁꯤꯡ
ꯑꯃꯁꯨꯡ ꯄꯥꯎꯆꯦꯅꯆꯤꯡꯕꯗ ꯁꯥꯟꯅꯕ ꯈꯨꯗꯤꯡꯒꯤ ꯌꯦꯡꯕ,
ꯇꯥꯕ ꯑꯃꯁꯨꯡ ꯄꯥꯕ ꯐꯪꯍꯜꯂꯤ꯫ ꯇꯨꯔꯅꯥꯃꯦꯟꯠꯁꯤꯒꯤ ꯋꯤꯟꯅꯔ
ꯄ꯭ꯔꯥꯏꯖꯁꯨ ꯃꯃꯥꯡ ꯆꯍꯤꯗ ꯂꯨꯄꯥ ꯀ꯭ꯔꯣꯔ 12 ꯑꯣꯏꯔꯝꯕꯗꯨ
ꯍꯟꯗꯛꯇꯤ ꯂꯨꯄꯥ ꯀ꯭ꯔꯣ 13 ꯔꯣꯝ ꯍꯦꯟꯒꯠꯈ꯭ꯔꯦ꯫ ꯃꯅꯤꯄꯨꯔꯒꯤ
ꯑꯣꯏꯅꯁꯨ ꯃꯅꯤꯄꯨꯔ ꯀ꯭ꯔꯤꯀꯦꯠ ꯑꯦꯁꯣꯁꯤꯑꯦꯁꯟꯅ ꯂꯩꯔꯤꯕ
ꯁꯥꯟꯅꯔꯣꯏꯁꯤꯡ ꯑꯁꯤ ꯀꯣꯆꯤꯡ keMPT ꯁꯔꯨꯛ ꯌꯥꯍꯜꯂꯕꯗꯤ
ꯃꯅꯤꯄꯨꯔꯒꯤ ꯀ꯭ꯔꯤꯀꯦꯠ ꯀꯣꯆ ꯑꯣꯏꯕ ꯗꯣꯗꯗꯥ ꯒꯅꯦꯁꯅ
ꯏꯟꯗꯤꯌꯥꯒꯤ ꯇꯤꯝꯗ ꯃꯅꯤꯄꯨꯔꯒꯤ ꯁꯥꯟꯅꯔꯣꯏꯁꯤꯡꯁꯨ ꯌꯥꯎꯕ
ꯉꯝꯅꯤ ꯍꯥꯏꯕ ꯐꯣꯡꯗꯣꯛꯄ ꯂꯩꯈ꯭ꯔꯕꯅꯤ꯫ ꯍꯧꯖꯤꯛ ꯆꯠꯊꯔꯤꯕ
ꯇꯨꯔꯅꯥꯃꯦꯟꯠ ꯑꯁꯤ ꯅꯣꯡꯅ ꯃꯔꯝ ꯑꯣꯏꯗꯨꯅ ꯗꯤ ꯑꯦꯜ ꯑꯦꯁ
ꯃꯦꯊꯠꯇ ꯁꯝꯖꯤꯟꯕ, ꯄꯣꯏꯟꯠ ꯌꯦꯟꯅꯕ ꯅꯠꯇꯕ ꯁꯨꯄꯔ 12
ꯒꯤ ꯃꯦꯠꯆꯁꯤꯡꯗꯤ ꯃꯥꯏ ꯄꯥꯛꯅ ꯂꯣꯏꯁꯤꯟꯈ꯭ꯔꯦ꯫
ꯑꯗꯣꯝꯒꯤ – ꯃꯣꯏꯔꯥꯡꯊꯦꯝ ꯗꯤꯅꯀꯥꯟꯇ, ꯐꯨꯕꯥꯂꯥ
ꯑꯦꯗꯤꯇꯔꯗ ꯊꯥꯔꯛꯄ ꯋꯥꯀꯠ, ꯃꯤꯌꯥꯝꯒꯤ ꯈꯣꯜꯂꯥꯎ, ꯄꯥꯎꯗꯝ ꯑꯃꯁꯨꯡ ꯑꯇꯩ-ꯑꯇꯩ
ꯈꯥ ꯑꯃꯦꯔꯤꯀꯥꯗꯒꯤ ꯌꯨꯔꯣꯞꯇ ꯂꯥꯟꯗꯥꯁꯤꯜꯂꯛꯂꯤꯕ ꯀꯃꯟ ꯔꯥꯒꯋꯤꯗ
ꯑꯣꯁꯇ꯭ꯔꯦꯂꯤꯌꯥꯒꯤ ꯂꯩꯉꯥꯛꯅ ꯔꯦꯕꯤꯠ ꯌꯣꯛꯄꯕꯨ ꯊꯤꯡꯕꯒꯤ ꯁꯛꯇꯝ ꯑꯃ
ꯁꯥꯏꯟꯁꯀꯤ ꯈꯣꯡꯆꯠ
ꯀꯨꯟꯖꯣ ꯅꯥꯎꯔꯦꯝ