IMPHAL, August 30, 2014, saturday mkiqExg 5 eg wkEq, Fkic, akmg\k sbAKgi 3412 obT\lE mkEwkB 2 SOjgmOM HUEIYEN LANPAO

ꯋꯥꯆꯨꯝ ꯀꯨꯞꯂꯣꯟ
ꯀꯥꯔꯜ ꯂꯝꯕꯨꯕ
ꯋꯥꯏꯔꯨ ꯋꯥꯏꯔꯨꯕꯗ
ꯍꯣꯡꯕ
ꯏꯟꯗꯤꯌꯥꯒꯤ ꯃꯥꯏꯄꯥꯛꯄ ꯉꯝꯗ꯭ꯔꯕ ꯆꯥꯎꯈꯠ-ꯈꯣꯡꯊꯥꯡ: ꯄꯥꯗꯝ ꯊꯥꯗꯨꯅ
ꯆꯥꯡ ꯑꯣꯟꯕ ꯑꯃꯥꯎꯡ ꯃꯥꯏꯀꯩ ꯂꯦꯞꯄ- (20)
ꯏꯅꯔꯖꯤ ꯂꯤꯁꯤꯟꯕ (ꯀꯟꯖꯥꯔꯚꯦꯁꯟ): ꯅꯤꯡꯁꯤꯡꯕ ꯌꯥꯏ, ‘ꯗ ꯏꯅꯔꯖꯤ
ꯀꯟꯖꯥꯔꯚꯦꯁꯟ ꯑꯦꯛ, 2001’ ꯅ ꯏꯅꯔꯖꯤꯕꯨ ꯊꯕꯛ ꯉꯝꯅ ꯁꯤꯖꯤꯟꯅꯕ ꯑꯃꯁꯨꯡ
ꯃꯗꯨꯒꯤ ꯊꯕꯛ ꯊꯧꯑꯣꯡ ꯍꯣꯡꯗꯣꯛ-ꯍꯣꯡꯖꯤꯟ ꯃꯇꯤꯛ ꯆꯥꯅ ꯉꯝꯅꯕ ꯍꯣꯠꯅꯕꯗ
ꯃꯤꯠꯌꯦꯡ ꯊꯝꯂꯤ꯫ ꯑꯦꯛ ꯑꯗꯨꯅ ‘ꯕ꯭ꯌꯨꯔꯣ ꯑꯣꯐ ꯏꯅꯔꯖꯤ ꯏꯐꯤꯁꯦꯟꯁꯤ’
ꯂꯤꯡꯈꯠꯈꯤꯕꯅꯤ꯫ ꯏꯟꯗꯤꯌꯥꯅ ‘ꯏꯟꯍꯦꯟꯁꯗ ꯏꯅꯔꯖꯤ ꯏꯐꯤꯁꯦꯟꯁꯤ’ ꯒꯤ
ꯄꯥꯟꯗꯝ ꯐꯪꯍꯟꯅꯕ ꯂꯤꯡꯈꯠꯈꯤꯕ ꯅꯦꯁꯅꯦꯜ ꯃꯤꯁꯟꯒꯤ ꯊꯧꯗꯥꯡꯁꯤꯡꯗꯤ ꯃꯈꯥꯒꯤ
ꯑꯁꯨꯝꯅ ꯄꯤꯔꯤ:
ꯑꯍꯥꯟꯕ ꯁ꯭ꯀꯤꯝꯗ, ꯊꯕꯛ ꯄꯥꯡꯊꯣꯛꯄ, ꯄꯥꯟꯗꯝ ꯇꯥꯟꯕ, ꯂꯂꯣꯟ-ꯏꯇꯤꯛ
ꯊꯧꯔꯥꯡ (ꯇ꯭ꯔꯦꯗ ꯁ꯭ꯀꯤꯝ), ꯀꯩꯊꯦꯜꯗ ꯌꯨꯝꯐꯝ ꯑꯣꯏꯕ ꯊꯕꯛ ꯈꯨꯠꯇꯧ, ‘ꯗꯤꯖꯥꯏꯅꯦꯇꯦꯗ
ꯀꯟꯖꯨꯃꯔꯁ’ (ꯑꯆꯧꯕ ꯑꯃꯁꯨꯡ ꯃꯥꯏꯄꯥꯛꯅ ꯆꯠꯊꯔꯤꯕ ꯏꯟꯗꯁꯇ꯭ꯔꯤꯁꯤꯡ
ꯑꯃꯁꯨꯡ ꯑꯇꯩ ꯊꯕꯛ ꯁꯨꯐꯝꯁꯤꯡ) ꯁꯤꯡꯅ ꯏꯅꯔꯖꯤ ꯃꯇꯤꯛꯆꯥꯅ ꯐꯪꯅꯕ ꯍꯣꯠꯅꯔꯤꯕ
ꯊꯕꯛ ꯊꯧꯑꯣꯡꯁꯤꯡ ꯍꯦꯟꯅ ꯃꯒꯨꯟ ꯂꯩꯍꯟꯅꯕ ꯃꯈꯥꯒꯤ ꯑꯁꯨꯝꯅ ꯄꯥꯟꯗꯝ ꯇꯧꯔꯤ:
(ꯀ) ꯄ꯭ꯂꯥꯅꯠ ꯈꯨꯗꯤꯡꯃꯛꯀꯤ ꯁ꯭ꯄꯦꯁꯤꯐꯤꯛ ꯏꯅꯔꯖꯤ ꯀꯟꯖꯨꯝꯁꯟ (ꯑꯦꯁ ꯏ
ꯁꯤ) ꯑꯃꯃꯝꯒꯤ ꯄꯥꯟꯗꯝ ꯂꯤꯡꯈꯠꯄ ꯑꯃꯁꯨꯡ ꯄꯥꯟꯗꯝ ꯑꯗꯨ ꯁꯦꯡꯅ ꯃꯁꯛ
ꯈꯪꯗꯣꯛꯄꯒ ꯂꯣꯏꯅꯅ ꯄ꯭ꯂꯥꯟꯠ ꯑꯗꯨꯅ ꯆꯍꯤ ꯑꯍꯨꯝꯒꯤ ꯃꯅꯨꯡꯗ ꯃꯗꯨꯒꯤ ꯏꯅꯔꯖꯤ
ꯏꯟꯇꯦꯟꯁꯤꯇꯤ ꯑꯗꯨ ꯍꯦꯛ ꯍꯧꯔꯛꯄꯗ ꯂꯩꯔꯝꯕ ꯐꯤꯚꯝꯗꯒꯤ ꯍꯦꯟꯅ ꯐꯤꯚꯝ
ꯐꯒꯠꯍꯟꯒꯗꯕꯅꯤ; (ꯈ) ꯗꯤꯖꯥꯏꯅꯦꯇꯇꯦꯗ ꯀꯟꯖꯨꯃꯔꯁꯤꯡꯅ ꯃꯈꯣꯏꯒꯤ ꯄꯥꯟꯗꯝ
(ꯇꯥꯔꯒꯦꯠ) ꯀꯤ ꯃꯇꯨꯡꯏꯟꯅ, ꯃꯈꯣꯏꯒꯤ ꯏꯅꯔꯖꯤ ꯏꯟꯇꯦꯁꯤꯇꯤ ꯑꯗꯨ ꯆꯍꯤ
ꯑꯍꯨꯝꯒꯤ ꯃꯅꯨꯡꯗ 92009-2012), ꯍꯟꯊꯍꯟꯅꯕ ꯍꯣꯠꯅꯒꯗꯕꯅꯤ ꯑꯃꯁꯨꯡ (ꯒ)
ꯑꯦꯁ ꯏ ꯁꯤ (ꯁ꯭ꯄꯦꯁꯤꯐꯤꯛ ꯏꯅꯔꯖꯤ ꯀꯟꯖꯨꯝꯁꯟ) ꯄꯥꯟꯗꯝ ꯍꯦꯟꯅ ꯐꯪꯈꯤꯕ
ꯀꯟꯖꯨꯃꯔꯁꯤꯡꯕꯨ ꯂꯂꯣꯟ-ꯏꯇꯤꯛ ꯇꯧꯤꯟꯅꯕ ꯌꯥꯕꯒꯤ ꯍꯥꯏꯕꯗꯤ ‘ꯇ꯭ꯔꯦꯗꯦꯕꯜ
ꯏꯅꯔꯖꯤ ꯄꯥꯔꯃꯤꯠ’ ꯄꯤꯗꯨꯅ ꯁꯤꯡꯊꯥꯕꯒꯤ ꯊꯕꯛ ꯂꯧꯈꯠꯀꯅꯤ꯫ ꯍꯥꯏꯔꯤꯕ
ꯄꯥꯔꯃꯤꯠ ꯑꯁꯤ ꯄꯥꯟꯗꯝ ꯐꯪꯕ ꯉꯝꯈꯤꯗꯕ ꯗꯤꯖꯥꯏꯅꯦꯇꯦꯗ ꯀꯟꯖꯨꯃꯔꯁꯤꯡꯗ
ꯑꯃꯨꯛ ꯍꯟꯅ ꯌꯣꯟꯊꯣꯛꯄ ꯌꯥꯒꯅꯤ꯫ ꯃꯈꯣꯏꯒꯤ ꯄꯥꯟꯗꯝ ꯌꯧꯅ ꯊꯕꯛ ꯇꯧꯕ
ꯉꯝꯈꯤꯗꯕ ꯗꯤꯖꯥꯏꯅꯦꯇꯦꯗ ꯀꯟꯖꯨꯃꯔꯁꯤꯡꯅ ꯑꯃꯥꯡ ꯑꯇꯥ ꯍꯟꯖꯤꯟꯕꯤꯕꯒꯤ
ꯁꯔꯨꯛ ꯑꯃ ꯑꯣꯏꯅ ꯍꯥꯏꯔꯤꯕ ꯄꯥꯔꯃꯤꯠ ꯑꯁꯤ ꯂꯩꯕ ꯇꯥꯏ꯫ ꯃꯈꯣꯏꯅ ꯍꯥꯏꯔꯤꯕ
ꯊꯕꯛꯁꯤꯡ ꯑꯁꯤ ꯇꯧꯗ꯭ꯔꯕꯗꯤ, ꯋꯥꯀꯣꯡꯃꯜ ꯁꯦꯜ ꯊꯤꯕ ꯇꯥꯏ꯫

ꯑꯅꯤꯁꯨꯕ ꯊꯧꯔꯥꯡꯅ ꯏꯅꯔꯖꯤꯒꯤ ꯗꯤꯖꯥꯏꯅꯦꯇꯦꯗ ꯁꯦꯛꯇꯔꯗ ꯁꯤꯖꯤꯟꯅꯔꯤꯕ ꯏꯅꯔꯖꯤꯒꯤ ꯊꯧꯁꯤꯜ ꯊꯧꯔꯥꯡꯁꯤꯡ ꯑꯁꯤ ꯑꯅꯧꯕ ꯊꯧꯔꯥꯡ ꯑꯃꯁꯨꯡ ꯊꯕꯛ
ꯊꯧꯑꯣꯡꯁꯤꯡ ꯆꯠꯊꯕꯒꯤ ꯈꯨꯠꯊꯥꯡꯗ ꯍꯦꯟꯅ ꯊꯨꯖꯤꯟꯕ ꯆꯥꯡꯗ ꯍꯣꯡꯗꯣꯛꯄ
ꯑꯁꯤꯅꯤ꯫ ꯍꯥꯏꯔꯤꯕ ꯄꯣꯠꯊꯣꯛꯁꯤꯡ ꯑꯁꯤ ꯃꯈꯥꯗ ꯄꯤꯔꯤꯕ ꯁꯦꯛꯇꯔꯁꯤꯡ
ꯑꯁꯤꯗ ꯍꯦꯟꯅ ꯈꯨꯠꯂꯣꯏꯅ ꯐꯪꯍꯟꯅꯕ ꯍꯣꯠꯅꯒꯗꯕꯅꯤ: ꯃꯩꯉꯥꯜ ꯄꯤꯕ (ꯕꯥꯆꯥꯠ
ꯂꯦꯝꯞ ꯌꯣꯖꯅꯥ), ꯃ꯭ꯌꯨꯅꯤꯁꯤꯄꯥꯜ ꯗꯤ ꯑꯦꯁ ꯑꯦꯝ, ꯑꯦꯒ꯭ꯔꯤꯀꯜꯆꯔꯦꯜ ꯗꯤ ꯑꯦꯁ
ꯑꯦꯝ, ꯑꯦꯁ ꯑꯦꯝ ꯏ ꯁꯦꯛꯇꯔ, ꯀꯃꯔꯁꯤꯑꯦꯜ ꯕꯤꯜꯗꯤꯡ ꯁꯦꯛꯇꯔ ꯑꯃꯁꯨꯡ
ꯗꯤꯁꯇ꯭ꯔꯤꯕ꯭ꯌꯨꯁꯟ ꯇ꯭ꯔꯥꯟꯁꯐꯣꯔꯃꯔꯁꯤꯡꯒꯤꯗꯃꯛꯅꯤ꯫ ꯑꯍꯨꯝꯁꯨꯕ ꯊꯧꯔꯥꯡ (ꯁ꯭ꯀꯤꯝꯋ ꯅ ꯃꯇꯤꯛ ꯃꯉꯝꯒꯤ ꯊꯥꯛ (ꯁ꯭ꯇꯦꯟꯗꯥꯔꯗ)
ꯂꯩꯍꯟꯅꯕ ꯑꯃꯁꯨꯡ ꯃꯔꯝꯆꯠꯀꯤ ꯃꯇꯨꯡꯏꯟꯅ ꯊꯥꯛ (ꯀꯦꯇꯦꯒꯣꯔꯤ)
ꯈꯥꯏꯗꯣꯛꯅꯕꯒꯤꯗꯃꯛꯅꯤ ꯃꯗꯨꯗꯤ- ꯗꯣꯃꯦꯁꯇꯤꯛ ꯁꯦꯛꯇꯔꯁꯤꯡ, ꯍꯣꯇꯦꯜꯒꯤ
ꯃꯊꯧꯇꯥꯕꯁꯤꯡ (ꯏꯀꯨꯏꯞꯃꯦꯟꯠꯁ), ꯑꯣꯐꯤꯁꯁꯤꯡꯒꯤ ꯃꯊꯧꯇꯥꯕꯁꯤꯡ
(ꯏꯀꯨꯏꯞꯃꯦꯟꯠ) ꯈꯨꯠꯁꯥ ꯍꯩꯕꯒꯤ ꯄꯣꯠꯊꯣꯛꯁꯤꯡ ꯑꯃꯁꯨꯡ ꯇ꯭ꯔꯥꯟꯁꯄꯣꯔꯠꯀꯤ
ꯃꯊꯧ ꯇꯥꯕꯁꯤꯡ ꯑꯁꯤ ꯐꯪꯍꯟꯅꯕ ꯑꯃꯁꯨꯡ ꯊꯧꯁꯤꯜ ꯊꯧꯔꯥꯡ ꯁꯦꯝꯅꯕꯒꯤ ꯆꯠꯅ
ꯄꯊꯥꯞꯅ ꯌꯥꯔꯕ ꯃꯑꯣꯡꯒꯤ ꯀꯦꯇꯦꯒꯣꯔꯤ ꯊꯝꯅꯕꯒꯤꯗꯃꯛꯇ ꯈꯣꯡꯊꯥꯡ ꯅꯥꯏꯅ
ꯈꯪꯍꯟꯅꯕ (ꯅꯣꯇꯤꯐꯤꯀꯦꯁꯟ) ꯊꯧꯔꯥꯡꯅꯤ꯫
ꯃꯔꯤꯁꯨꯕ ꯊꯧꯔꯥꯡꯅ ꯂꯩꯉꯥꯛ ꯊꯧꯗꯥꯒꯤ ꯃꯅꯨꯡꯆꯟꯅ ꯂꯩꯔꯤꯕ ꯂꯣꯏꯁꯪ-ꯅꯨꯡꯁꯪ
ꯈꯨꯗꯤꯡꯃꯛꯇ ꯏꯅꯔꯖꯤꯒꯤ ꯃꯇꯤꯛ ꯆꯥꯕ ꯄꯣꯠꯊꯣꯛꯁꯤꯡ ꯁꯣꯏꯗ ꯉꯥꯝꯗꯕ
ꯃꯑꯣꯡꯗ ꯐꯪꯍꯟꯕꯒꯤ ꯆꯠꯅ ꯄꯊꯥꯞ ꯁꯦꯝꯅꯕ ‘ꯄꯕ꯭ꯂꯤꯛ ꯄ꯭ꯔꯣꯀ꯭ꯌꯨꯔꯃꯦꯟꯠ
ꯔꯨꯜꯁ’ ꯁꯦꯝꯗꯣꯛ ꯁꯦꯝꯖꯤꯟ ꯇꯧꯕꯅꯤ꯫ ‘ꯏꯅꯔꯖꯤ ꯀꯟꯖꯥꯔꯚꯦꯁꯟ ꯕꯤꯜꯗꯤꯡ ꯀꯣꯗ’
(ꯏ ꯁꯤ ꯕꯤ ꯁꯤ) ꯑꯁꯤꯅ ꯑꯅꯧꯕ ꯀꯃꯔꯁꯤꯑꯦꯜ ꯕꯤꯜꯗꯤꯡꯁꯤꯡ ꯑꯃꯁꯨꯡ ꯍꯧꯖꯤꯛ
ꯂꯩꯔꯤꯕ ꯕꯤꯜꯗꯤꯡꯁꯤꯡꯒꯤꯗꯃꯛ ꯁꯤꯖꯤꯟꯅꯕ ꯌꯥꯕ ꯌꯥꯝꯂꯕ ꯆꯥꯡ (ꯃꯦꯛꯁꯤꯃꯝ) ꯗ
ꯂꯦꯞꯄ ꯏꯅꯔꯖꯤꯒꯤ ꯀꯥꯡꯂꯣꯟ (ꯏꯅꯔꯖꯤ ꯀꯟꯖꯨꯝꯁꯟ ꯅꯣꯔꯝꯁ) ꯑꯁꯤ ꯐꯪꯍꯟꯅꯕ
ꯆꯠꯅ-ꯄꯊꯥꯞ ꯁꯦꯝꯒꯅꯤ ꯍꯥꯏꯕꯁꯤꯅꯤ꯫ (ꯖꯤ ꯑꯣ ꯑꯥꯏ (ꯄ꯭ꯂꯥꯅꯤꯡ ꯀꯃꯤꯁꯟ,
2012) 12 ꯐꯥꯏꯕ ꯏꯌꯔ ꯄ꯭ꯂꯥꯟ, ꯚꯣ: 2) ꯁ꯭ꯋꯥꯏꯗ ꯅꯤꯡꯁꯤꯡꯕ ꯌꯥꯕꯗꯤ, ꯑꯦꯜ
ꯇꯤꯒꯤ ꯑꯀꯣꯏꯕꯗ ꯄꯋꯥꯔ ꯀꯦ ꯗꯕ꯭ꯂꯤꯌꯨ ꯑꯩꯆ ꯑꯃ ꯈꯥꯛꯍꯧꯕ (ꯁꯦꯚ) ꯑꯁꯤꯅ
ꯃꯩ ꯄꯨꯊꯣꯛꯄꯒꯤ ꯑꯔꯣꯏꯕ ꯇꯥꯡꯀꯛꯇ ꯄꯋꯥꯔ ꯀꯦ ꯗꯕ꯭ꯂꯤꯌꯨ ꯑꯩꯆ 1.25 ꯍꯦꯟꯅ
ꯀꯜꯍꯧꯕ (ꯁꯦꯚ) ꯉꯝꯃꯤ ꯍꯥꯏꯕꯁꯤꯅꯤ꯫

ꯂꯥꯏꯔꯕꯁꯤꯡꯒꯤꯗꯃꯛꯇ ꯁꯣꯏꯗꯅ ꯃꯩ ꯐꯪꯍꯟꯕ: ꯂꯥꯏꯔꯕ ꯃꯤꯑꯣꯏꯁꯤꯡꯕꯨ ꯃꯔꯝꯆꯥꯕ ꯑꯍꯣꯡꯕ ꯃꯃꯜꯗ ꯏꯅꯔꯖꯤ ꯇꯁꯦꯡ ꯇꯁꯦꯡꯅ ꯁꯣꯏꯗꯅ ꯐꯪꯍꯟꯕ
ꯑꯁꯤ ꯏꯟꯗꯤꯌꯥꯒꯤ ꯃꯔꯨꯑꯣꯏꯕ ꯊꯧꯁꯤꯜꯒꯤ ꯄꯥꯟꯗꯝ ꯑꯣꯏꯗꯨꯅ ꯂꯥꯛꯂꯤ꯫
ꯈꯨꯡꯒꯪꯂꯝꯒꯤ ꯌꯨꯝꯊꯣꯡ ꯈꯨꯗꯤꯡꯃꯛꯇ ꯃꯩ ꯐꯪꯍꯟꯅꯕꯒꯤꯗꯃꯛꯇ ꯀꯨꯝ
2005 ꯗ ‘ꯔꯖꯤꯕ ꯒꯥꯟꯙꯤ ꯒ꯭ꯔꯥꯃꯤꯟ ꯕꯤꯗ꯭ꯌꯨꯇꯤꯀꯥꯔꯅ ꯌꯣꯖꯅꯥ ꯁ꯭ꯀꯤꯝ’
ꯂꯤꯡꯈꯠꯈꯤꯕꯅꯤ꯫ ꯃꯗꯨꯅ ꯊꯧꯔꯥꯡ ꯑꯁꯤꯒꯤ ꯃꯐꯥꯗ ꯑꯄꯨꯟꯕ ꯄ꯭ꯔꯣꯖꯦꯛꯀꯤ
ꯆꯪꯒꯗꯕ ꯃꯃꯜ (ꯀꯣꯁꯠ) ꯒꯤ ꯃꯅꯨꯡꯗ ꯆꯥꯗ 90 ꯀꯦꯄꯤꯇꯦꯜ ꯁꯕꯁꯤꯇꯤ
ꯄꯤꯔꯤ ꯑꯗꯨꯒ ꯄ꯭ꯔꯣꯖꯦꯛ ꯀꯣꯁꯠꯀꯤ ꯂꯦꯝꯍꯧꯔꯤꯕ ꯆꯥꯗ 10 ꯑꯗꯨꯗꯤ ꯑꯥꯏ ꯏ
ꯁꯤꯅ ꯂꯣꯟ ꯑꯣꯏꯅ ꯄꯤꯕꯅꯤ꯫

ꯑꯦꯟ ꯑꯦꯁ ꯑꯦꯁ ꯁꯔꯚꯦ ꯔꯥꯎꯟꯗ- 61 (2004-05) ꯑꯁꯤꯕꯨ ꯑꯦꯟ
ꯑꯦꯁ ꯑꯦꯁ ꯁꯔꯚꯦ ꯔꯥꯎꯟꯗ- 66 (2009-10) ꯑꯁꯤꯒ ꯆꯥꯡꯗꯝꯅꯗꯨꯅ \
ꯦꯡꯕꯗ ꯎꯕ ꯐꯪꯂꯤ ꯃꯗꯨꯗꯤ: ꯈꯨꯒꯪꯂꯝꯁꯤꯡꯗ ꯃꯩ ꯐꯪꯕ ꯌꯨꯝꯊꯣꯡꯒꯤ ꯃꯁꯤꯡ ꯑꯁꯤ
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ꯁꯤꯖꯤꯟꯅꯔꯤ, ꯍꯥꯏꯕꯗꯤ ꯈꯨꯡꯒꯪꯒꯤ ꯁꯔꯨꯛ ꯑꯍꯨꯝꯒꯤ ꯆꯥꯡꯗ ꯁꯍꯔ ꯂꯝꯒꯤ
ꯃꯤꯑꯣꯏ ꯑꯃꯃꯝꯅ ꯁꯤꯖꯤꯟꯅꯔꯤ꯫ ‘ꯑꯦꯟ ꯑꯦꯁ ꯑꯦꯁ-66 ꯔꯥꯎꯟꯗ’ ꯅ
ꯎꯠꯄꯒꯤ ꯃꯇꯨꯡꯏꯅꯅ ꯈꯨꯡꯒꯪꯂꯝꯒꯤ ꯃꯤꯑꯣꯏ 100 ꯒꯤ ꯃꯅꯨꯡꯗ ꯃꯤꯑꯣꯏ
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ꯑꯦꯜ ꯄꯤ ꯖꯤ (ꯂꯤꯀ꯭ꯋꯤꯐꯥꯏꯗ ꯄꯦꯇ꯭ꯔꯣꯂꯤꯌꯝ ꯒ꯭ꯌꯥꯁ) ꯁꯤꯖꯤꯟꯅꯕꯒꯤ ꯂꯝꯕꯤ
ꯐꯪꯂꯤ꯫

ꯀꯞꯄꯒꯤ ꯗꯣꯖ, ꯑꯣꯚꯔꯗꯣꯖ ꯑꯣꯏꯕꯤꯅꯨ ꯂꯤꯂꯥ ꯈꯪꯗꯦ, ꯋꯥꯔꯤ ꯈꯪꯗꯦ, ꯐꯤꯂꯝ ꯈꯪꯗꯦ, ꯆꯨꯝꯅ ꯁꯨꯝ ꯋꯥꯔꯤ ꯁꯥꯅꯕꯗ ꯈꯪꯗꯦ ꯃꯔꯝ ꯏꯆꯥ ꯆꯥꯗꯅ ꯍꯦꯛ ꯍꯦꯛ ꯀꯞꯁꯤꯟꯅꯕ, ꯅꯣꯛꯁꯤꯟꯅꯕ,
ꯊꯃꯣꯏ ꯅꯧꯊꯅꯕ, ꯋꯥ-ꯂꯥꯡ ꯉꯥꯡꯕꯁꯨ ꯌꯥꯝꯅ ꯊꯃꯣꯏ ꯄꯦꯠꯃꯟꯕ ꯍꯥꯏꯕꯁꯤ
ꯁꯨꯡꯅꯨꯡ ꯍꯦꯛ ꯅꯨꯡꯉꯥꯏꯇꯦ꯫ ꯆꯥꯡ ꯆꯥꯅ ꯌꯦꯡꯅ ꯀꯞꯄ ꯇꯥꯏ꯫ ꯂꯤꯂꯥ ꯑꯥꯔꯇꯤꯁꯠꯁꯤꯡꯅ ꯁꯨꯠ-ꯁꯨꯠ ꯄꯪꯀꯞꯇ ꯀꯞꯄ ꯑꯁꯤ ꯚꯥꯕꯣꯛ ꯃꯄꯨꯛꯅꯤꯡ ꯅꯧꯅꯅꯕ, ꯀꯞꯍꯟꯅꯕ ꯚꯥꯕꯣꯛ ꯅꯨꯡꯉꯥꯏꯍꯟꯅꯕ
ꯃꯑꯣꯏꯔꯤꯅꯤ ꯑꯗꯨꯕꯨ ꯃꯁꯤꯅ ꯀꯔꯤꯒꯨꯝꯕ ꯃꯇꯝ ꯑꯃ ꯏꯆꯥ ꯆꯥꯗ꯭ꯔꯕꯗꯤ
ꯂꯤꯂꯥꯗꯨ ꯃꯥꯡꯅꯕ ꯑꯣꯏꯕ ꯌꯥꯏ꯫ ꯂꯤꯂꯥꯒꯤ ꯑꯏꯕꯅ, ꯂꯤꯂꯥ ꯇꯥꯛꯄ ꯑꯣꯖꯥꯅ
ꯅꯠꯇ꯭ꯔꯒ ꯂꯤꯂꯥꯒꯤ ꯑꯥꯔꯇꯤꯁꯠꯁꯤꯡꯅ ꯂꯤꯂꯥ ꯐꯖꯍꯟꯅꯕꯅꯤ ꯍꯥꯏꯗꯨꯅ
ꯂꯤꯂꯥ ꯍꯧꯕꯗꯒꯤ ꯂꯣꯏꯕ ꯐꯥꯎꯕ ꯀꯞꯉꯥꯡ ꯀꯞꯉꯥꯡ ꯉꯥꯡꯕ ꯂꯥꯏꯕꯛ
ꯊꯤꯕꯅꯤ꯫ ꯐꯠꯂꯝꯗꯁꯨ ꯑꯗꯨꯃꯉꯥꯏ ꯀꯞꯉꯥꯡ ꯉꯥꯛꯇꯅ ꯐꯤꯂꯝꯗꯨ ꯂꯝ
ꯍꯦꯟꯖꯤꯜꯂꯛꯂꯕꯗꯤ ꯍꯧꯒꯠꯇꯨꯅ ꯍꯣꯜ ꯊꯥꯗꯣꯛꯇꯨꯅ ꯆꯤꯈꯤꯒꯦ ꯇꯧꯔꯛꯏ꯫
ꯃꯃꯥ ꯁꯥꯕꯤꯅ, ꯂꯨꯈ꯭ꯔꯥꯕꯤ ꯁꯥꯕꯤꯅ, ꯃꯧ ꯂꯥꯏꯔꯕꯤꯅ, ꯃꯔꯥꯏꯕꯛ ꯊꯤꯔꯕ
ꯅꯨꯄꯥꯅ, ꯑꯍꯜꯅ, ꯃꯀꯨꯕꯣꯛ ꯁꯥꯕꯅ, ꯃꯄꯥ ꯁꯥꯕꯅ, ꯃꯕꯨꯡ ꯁꯥꯕꯅ ꯉꯥꯏꯍꯥꯛ
ꯂꯩꯇꯅ ꯀꯞꯉꯥꯡ ꯇꯧꯈꯠꯂꯛꯂꯕꯗꯤ ꯂꯤꯂꯥꯗ ꯂꯤꯂꯥ ꯍꯥꯏꯕꯗꯨ ꯑꯇꯥꯛꯅꯔꯛꯄ
ꯇꯥꯔꯛꯏ꯫ ꯃꯁꯤꯒꯤ ꯂꯤꯂꯥꯁꯤꯕꯨ ꯀꯔꯤꯅꯣꯅꯦꯍꯦ ꯀꯞꯅ ꯀꯞꯅ ꯉꯥꯛꯇ
ꯉꯥꯡꯗꯨꯅ ꯂꯩꯔꯦꯅꯦ ꯍꯥꯏꯔꯨꯕꯗ, ꯑꯦ ꯂꯤꯂꯥꯅꯤ ꯈꯟꯗꯨꯅ ꯄꯪꯌꯦꯡ ꯃꯌꯦꯡꯎꯅꯦ
ꯍꯥꯏꯕꯗꯨ ꯇꯥꯔꯛꯀꯅꯤ꯫ ꯐꯤꯂꯝꯁꯨ ꯑꯗꯨ ꯃꯉꯥꯏ, ꯅꯨꯄꯥꯒ ꯚꯥꯏꯍꯥꯛꯇꯪ
ꯎꯅꯗꯕꯗ ꯀꯞꯉꯥꯡ, ꯃꯃꯥꯅ ꯈꯖꯤꯛꯇꯪ ꯉꯥꯡꯕꯒꯤꯁꯨ ꯀꯞꯉꯥꯡ, ꯍꯤꯔꯣꯅꯤ
ꯍꯥꯏꯔꯒꯁꯨ ꯃꯤꯐꯠ ꯑꯃꯅ ꯈꯖꯤꯛꯇꯪ ꯂꯥꯛꯆꯈꯤꯕꯗ ꯀꯞꯉꯥꯡ, ꯃꯄꯤ
ꯅꯧꯃꯟꯈ꯭ꯔꯕ, ꯊꯃꯣꯏ ꯄꯦꯠꯃꯟꯕ ꯑꯗꯨꯁꯨ ꯍꯦꯛ ꯌꯦꯡꯕꯗ ‘ꯍꯧꯒꯠꯅꯤꯡ
ꯐꯤꯂꯝ’ ꯍꯥꯏꯗꯨ ꯍꯦꯛ ꯇꯥꯏ꯫ ꯃꯔꯝ ꯏꯆꯥ ꯆꯥꯗꯅ ꯃꯤꯅ ꯄꯪꯀꯞꯇ ꯀꯞꯄ
ꯍꯧꯅꯗꯦ꯫ ꯆꯨꯝꯃꯤ, ꯅꯨꯄꯥ ꯀꯞꯀꯤ ꯃꯃꯥ ꯃꯄꯥ ꯃꯆꯥ, ꯃꯆꯤꯟ ꯃꯅꯥꯎ ꯃꯔꯨꯞ-
ꯃꯄꯥꯡ, ꯃꯔꯤ ꯃꯇꯥ ꯑꯅꯛꯄ ꯁꯤꯕꯗ ꯑꯗꯨꯕꯨ ꯃꯗꯨꯐꯥꯎ ꯄꯥꯛ ꯀꯞꯇꯦ
ꯇꯥꯏꯕꯪꯗ ꯅꯨꯄꯥ, ꯇꯥꯏꯕꯪ ꯁꯦꯝꯕ ꯇꯥꯏꯕꯪ ꯄꯨꯝꯕꯕꯨ ꯊꯧꯗꯥꯔꯤꯕ ꯗꯤꯔꯦꯛꯇꯔ
ꯑꯗꯨꯅ ꯀꯩꯗꯧꯅꯨꯡꯗ ꯅꯨꯄꯥ ꯈꯪꯗꯦ, ꯅꯨꯄꯤ ꯈꯪꯗꯦ ꯍꯦꯛꯅ ꯀꯞꯅꯅꯕ ꯌꯥꯊꯪꯃꯛꯇꯤ
ꯇꯥꯎꯊꯒꯟꯗꯦ꯫ ꯀꯞꯀꯜꯂꯤ ꯊꯃꯣꯏ ꯅꯧꯏ ꯍꯥꯏꯔꯤꯕ ꯅꯨꯄꯤꯁꯤꯡ
ꯐꯥꯎꯕ ꯀꯞꯄꯒꯤ ꯃꯍꯨꯠꯇ ꯑꯁꯥꯎꯕ ꯑꯣꯏꯅ ꯐꯣꯡꯗꯣꯛꯏ, ꯁꯥꯎꯗꯨꯅ
ꯔꯦꯄꯤꯁꯠꯀꯤ ꯃꯌꯨꯝꯕꯨ ꯆꯤꯡꯈꯥꯏ, ꯃꯩ ꯊꯥꯏ, ꯃꯔꯨ ꯀꯣꯛꯇꯨꯅ ꯁꯨꯅꯨ \
ꯥꯏꯉꯪ ꯇꯩꯗꯨꯅ ꯂꯝꯖꯥꯨꯗ ꯅꯨꯄꯥꯗꯨꯕꯨ ꯆꯤꯡꯗꯨꯅ ꯄꯨꯏ, ꯀꯔꯤꯒꯨꯝꯕ ꯁꯦꯠꯅ ꯆꯔꯩꯕꯨ
ꯂꯝꯕꯤꯗ ꯌꯥꯟꯗꯨꯅ ꯊꯝꯂꯒ ꯂꯝꯕꯤ ꯕꯟꯗ ꯇꯧꯕ ꯑꯗꯨꯐꯥꯎ ꯌꯥꯎꯔꯤ, ꯍꯥꯏꯕꯗꯤ
ꯃꯤꯁꯤ ꯄꯥꯛꯅ ꯀꯞꯇꯦ ꯃꯤꯗꯤ ꯁꯥꯎꯏ꯫ ꯍꯧꯖꯤꯛꯀꯤ ꯃꯇꯝꯗ ꯀꯞꯄ
ꯍꯥꯏꯕꯁꯤꯒꯤ ꯃꯍꯨꯠ ꯑꯐꯥꯎꯕꯅ ꯃꯐꯝ ꯆꯥꯅ ꯁꯤꯟꯖꯤꯟꯈ꯭ꯔꯦ ꯍꯥꯏꯕ ꯌꯥꯏ꯫
ꯐꯤꯂꯝꯗ, ꯂꯤꯂꯥꯗ, ꯋꯥꯔꯤꯗ ꯉꯥꯛꯇ ꯉꯥꯏꯍꯧꯔꯦ ꯇꯥꯏꯕꯪ ꯃꯤꯅ ꯑꯣꯚꯔꯗꯣꯖꯗ
ꯀꯞꯂꯤꯕ꯫ ꯑꯀꯞꯄ ꯉꯥꯛꯇ ꯊꯦꯡꯅꯃꯟꯗꯨꯅ ꯂꯤꯂꯥ ꯏꯔꯁꯨ, ꯏꯁꯩ ꯏꯔꯁꯨ,
ꯁꯩꯔꯦꯡꯕꯨ ꯏꯔꯁꯨ, ꯐꯤꯂꯝꯕꯨ ꯏꯔꯁꯨ ꯑꯀꯞꯄ ꯃꯌꯦꯛ ꯅꯠꯇ꯭ꯔꯒꯗꯤ
ꯁꯥꯟꯅꯕꯤꯔꯣꯏ ꯅꯠꯇ꯭ꯔꯒ ꯂꯧꯁꯤꯟꯕꯤꯔꯣꯏ ꯍꯥꯏꯔꯛꯀꯗ꯭ꯔ ꯄꯥꯈꯠꯂꯦ꯫
ꯑꯁꯣꯟꯕ, ꯑꯅꯥꯕ, ꯀꯞꯆꯦꯠꯄ, ꯑꯄꯩꯕ, ꯑꯇꯦꯛꯄ ꯉꯥꯛꯇ ꯌꯦꯡꯕꯁꯨ
ꯅꯨꯡꯉꯥꯏꯔꯛꯇꯦ꯫ ꯑꯀꯟꯕ, ꯅꯥꯗꯕ, ꯃꯁꯥ ꯇꯤꯡ-ꯇꯤꯡ ꯂꯥꯎꯕ, ꯄꯩꯗꯕ,
ꯆꯞ ꯇꯤꯡꯕ, ꯇꯦꯛꯇꯕ ꯈꯔꯁꯨ ꯌꯦꯡꯅꯤꯡꯏ꯫ ꯆꯤꯜꯍꯥꯎ ꯊꯤꯈ꯭ꯔꯕ ꯃꯤꯠꯅ
ꯌꯦꯡꯕ ꯍꯩꯅꯧ ꯌꯥꯔꯛꯇꯦ꯫ ꯑꯇꯥꯕ ꯑꯃꯠꯇ ꯍꯟꯖꯤꯟ ꯍꯟꯖꯤꯟ ꯇꯥꯎ ꯍꯥꯏꯕ
ꯌꯥꯔꯛꯇꯦ, ꯃꯇꯥ ꯑꯃꯅꯤ꯫
ꯃꯤꯅ ꯀꯞꯄ, ꯀꯞꯉꯥꯡ ꯉꯥꯡꯕꯁꯤ ꯐꯤꯂꯝ ꯅꯠꯇ꯭ꯔꯒ ꯂꯤꯂꯥ, ꯗ꯭ꯔꯃꯥ,
ꯁꯨꯃꯥꯡ ꯂꯤꯂꯥ, ꯎꯄꯅ꯭ꯌꯥꯁ, ꯋꯥꯔꯤꯗ ꯇꯥꯕꯗ ꯇꯥꯏꯕꯪꯗ ꯇꯁꯦꯡꯅ ꯀꯞꯅꯕ꯭ꯔ
ꯍꯥꯏꯕꯁꯤꯅꯤ꯫ ꯃꯤꯅ ꯀꯞꯄ ꯆꯨꯝꯕ ꯃꯇꯥꯡ ꯂꯩꯕ ꯇꯥꯕꯅꯤ꯫ ꯅꯝꯗꯨꯅ ꯍꯦꯛꯇ
ꯄꯤ ꯅꯝꯇꯥ ꯇꯥꯔꯛꯎ ꯌꯥꯕ꯭ꯔ? ꯁꯨꯠ-ꯁꯨꯠ ꯐꯥꯎꯕ ꯄꯥꯛ ꯇꯧꯗꯕꯅꯤ꯫ ꯂꯤꯂꯥ
ꯏꯕꯅ, ꯂꯤꯂꯥꯒꯤ ꯑꯣꯖꯥ (ꯗꯤꯔꯦꯛꯇꯔ) ꯑꯗꯨꯅ, ꯄ꯭ꯔꯗ꯭ꯌꯨꯁꯔꯅ ꯅꯝꯗꯨꯅ
ꯍꯦꯛꯇ ꯍꯤꯔꯣꯕꯨ, ꯍꯤꯔꯣꯏꯟꯕꯨ ꯀꯞꯍꯟꯕ ꯌꯥꯕ꯭ꯔ? ꯃꯤꯕꯨ ꯍꯦꯛꯇ
ꯀꯞꯅꯕ꯭ꯔ? ꯂꯤꯂꯥ ꯌꯥꯎꯕ ꯃꯤꯅ ꯃꯔꯟꯅꯥꯏ ꯀꯨꯁꯤ ꯔꯥꯁꯤꯗ ꯍꯦꯛꯇ
ꯐꯖꯅꯕ ꯀꯞꯅꯕ꯭ꯔ? ꯂꯤꯂꯥ ꯌꯥꯎꯕ ꯃꯤꯅ ꯂꯥꯂꯥꯗꯨ ꯂꯤꯂꯥ ꯃꯥꯟꯅꯅꯕ ꯀꯞꯂꯤꯕ
ꯍꯥꯏꯕꯗꯨꯔ? ꯍꯦꯛꯇ ꯊꯃꯣꯏ ꯄꯦꯠꯁꯜꯂꯤꯕ ꯍꯥꯏꯕꯗꯨꯔ? ꯐꯖꯩ,
ꯀꯞꯄꯗ ꯄꯛꯆ-ꯄꯛꯆꯕ, ꯐꯖ-ꯐꯖꯕ ꯌꯥꯎꯈꯤ꯫ ‘ꯀꯔꯅꯒꯤ ꯃꯃꯥ’
ꯍꯥꯏꯕ ꯂꯤꯂꯥꯗ ꯀꯨꯟꯇꯤ ꯁꯥꯈꯤꯕꯤ ꯏꯕꯦꯌꯥꯏꯃꯅ ꯇꯧꯈꯤꯕ ꯀꯞꯄꯒꯤ
ꯃꯇꯥꯡꯗꯨ꯫ ꯑꯩꯈꯣꯏꯒꯤ ꯅꯥꯀꯣꯡꯗ ꯅꯤꯟꯗꯨꯅ ꯉꯥꯡꯗꯨꯅ ꯉꯁꯤꯁꯨ ꯂꯩꯔꯤ꯫
ꯑꯗꯨꯕꯨ ꯂꯤꯂꯥ ꯌꯦꯡꯕ, ꯇꯥꯕ ꯃꯤ ꯑꯃ ꯑꯣꯏꯅ ꯃꯄꯥꯁꯨ, ꯃꯆꯥꯁꯨ, ꯃꯃꯥꯁꯨ,
ꯃꯕꯨꯕꯣꯛꯁꯨ, ꯍꯤꯔꯣꯁꯨ, ꯍꯤꯔꯣꯏꯟꯁꯨ ꯍꯧꯕꯗꯒꯤ ꯂꯣꯏꯕ ꯐꯥꯎꯕ ꯃꯦ-
ꯃꯥ, ꯃꯦ ꯃꯥ ꯀꯞꯆꯦꯠꯄꯤꯒꯤ ꯃꯑꯣꯡꯗ ꯐꯥꯒꯤ ꯃꯆꯦꯠ ꯑꯃ ꯐꯥꯎꯕ
ꯇꯧꯗꯅ, ꯌꯥ-ꯌꯥ ꯅꯣꯛꯄ ꯃꯆꯦꯠ ꯑꯃꯐꯥꯎꯕ ꯌꯥꯎꯗꯅ ꯁꯣꯔꯣ-ꯁꯔꯥ
ꯁꯣꯔꯣ-ꯁꯔꯥ ꯁꯨꯝ ꯆꯤꯡ-ꯆꯤꯡꯗꯨꯅ ꯀꯞꯇꯨꯅ ꯂꯩꯁꯤꯜꯂꯛꯂꯕꯗꯤ ꯀꯌꯥꯗ
ꯃꯔꯥꯏꯕꯛ ꯊꯤꯈ꯭ꯔꯕ ꯃꯤꯠꯅꯣ? ꯀꯌꯥꯗ ꯃꯔꯥꯏꯕꯛ ꯊꯤꯈ꯭ꯔꯕ ꯅꯥꯅꯣ?
ꯍꯧꯒꯠꯇꯅꯤꯡꯉꯥꯏ ꯃꯔꯝ ꯂꯩꯇꯦ꯫
ꯍꯧꯖꯤꯛ ꯃꯇꯝꯒꯤ ꯂꯤꯂꯥꯁꯤꯡꯗ ꯀꯔꯤꯗ ꯇꯥꯔꯤꯕ ꯁꯃꯥꯖꯒꯤ
ꯃꯃꯤ ꯑꯁꯤꯁꯨ ꯑꯁꯦꯡꯕ ꯃꯃꯤ ꯈꯔ ꯌꯥꯝꯅ ꯇꯥꯍꯟꯅꯕ ꯂꯥꯛꯅꯕꯗ
ꯑꯀꯞꯄꯒꯤ ꯁꯔꯨꯛ ꯈꯔ ꯌꯥꯝꯅ ꯃꯟꯊꯣꯛꯄ, ꯐꯣꯏꯗꯣꯛꯄ
ꯈꯞꯇꯣꯛ-ꯅꯥꯟꯊꯣꯛꯄ ꯌꯥꯔꯕ ꯖꯥꯠꯅꯤ꯫ ꯑꯩꯈꯣꯏ ꯍꯧꯖꯤꯛ ꯀꯞꯄ
ꯄꯛꯆꯗꯦ꯫ ꯑꯁꯥꯎꯕ ꯖꯨꯒꯅꯤ꯫ ꯏꯁꯤꯡ-ꯅꯨꯡꯁꯤꯠ, ꯍꯩꯄꯥꯜ-ꯂꯩꯄꯥꯛꯜ
ꯑꯀꯣꯏꯕ ꯄꯨꯝꯕ ꯏꯁꯥꯎ ꯁꯥꯎꯕ ꯃꯇꯝꯅꯤ꯫ ꯄꯦꯟꯗꯕꯒꯤ ꯃꯩ ꯍꯧꯔꯤꯕ
ꯃꯇꯝꯅꯤ꯫ ꯄꯦꯟꯗꯕꯕꯨ ꯀꯞꯂꯒ ꯐꯅꯤ ꯄꯨꯝꯀꯣꯛ ꯀꯣꯛꯀꯅꯤ ꯈꯜꯂꯤꯕ
ꯃꯥꯗꯤ ꯑꯁꯣꯟꯕꯅꯤ, ꯑꯁꯣꯏꯕꯅꯤ, ꯉꯥꯏꯍꯥꯛ ꯂꯩꯇ ꯀꯞꯅ ꯑꯁꯦꯡꯕ
ꯄꯨꯟꯁꯤ ꯑꯣꯏꯕ ꯌꯥꯔꯣꯏ꯫ ꯉꯥꯏꯈꯣ ꯀꯞꯍꯟꯈꯤꯅꯨ ꯗꯤꯔꯦꯛꯇꯔ,
ꯂꯤꯂꯥ ꯏꯕꯑꯣ꯫ ꯈꯔꯁꯨ ꯅꯣꯛꯍꯜꯂꯨ, ꯈꯔꯁꯨ ꯁꯥꯎꯍꯜꯂꯨ ꯀꯞꯄ ꯆꯥꯡ
ꯍꯦꯟꯃꯜꯂꯕꯁꯨ ꯇꯧꯁꯤꯟꯅꯕ ꯃꯥꯜꯂꯛꯏ꯫ ꯀꯞꯄ ꯑꯣꯛꯂꯦ꯫ ꯇꯥꯕ
ꯋꯥꯁꯤꯜꯂꯛꯏ꯫ ꯌꯦꯡꯕ ꯋꯥꯁꯜꯂꯛꯏ꯫

ꯃꯔꯝ ꯆꯥꯗꯅ ꯄꯪꯀꯞ ꯀꯞꯄꯁꯨ ꯅꯥꯗ ꯆꯪꯕ ꯉꯝꯗꯦ꯫ ꯀꯞꯅꯅꯕ
ꯃꯔꯝ ꯄꯨꯊꯣꯛꯄꯤꯌꯨ꯫ ꯚꯥꯕꯣꯛꯇꯃꯛ ꯀꯞꯆꯒꯦ ꯅꯈꯣꯏ ꯂꯤꯂꯥ
ꯇꯧꯕꯁꯤꯡꯗꯤ ꯀꯞꯄꯤꯒꯅꯨ꯫ ꯑꯩꯈꯣꯏꯕꯨ ꯀꯞꯅꯕꯁꯨ ꯁꯤꯟꯕꯤꯌꯨ,
ꯅꯣꯛꯅꯕꯁꯨ ꯁꯤꯟꯕꯤꯌꯨ꯫ ꯅꯈꯣꯏꯅ ꯅꯣꯛꯂꯒ ꯑꯩꯈꯣꯏꯅ ꯅꯣꯛꯀꯗꯕ
ꯂꯩꯇꯦ, ꯅꯈꯣꯏꯅ ꯀꯞꯂꯒ ꯑꯩꯈꯣꯏꯅ ꯀꯞꯀꯗꯕ ꯂꯩꯇꯦ꯫ ꯍꯧꯒꯠꯄ
ꯊꯨꯈ꯭ꯔꯕ ꯚꯥꯕꯣꯛꯅꯤ꯫ ꯀꯞꯄꯒꯤ ꯆꯥꯡ ꯑꯁꯤ ꯆꯣꯏ ꯆꯥꯡ ꯐꯖꯅ
ꯑꯣꯜꯂꯒ ꯍꯥꯞꯇ꯭ꯔꯕꯗꯤ ꯑꯣꯚꯔꯗꯣꯖ ꯑꯣꯏꯔꯛꯇꯨꯅ ꯂꯤꯂꯥ ꯑꯗꯨ _
ꯥꯟꯊꯔꯛꯄ ꯌꯥꯏ꯫

ꯇꯤꯜꯍꯧ ꯊꯥꯕ
ꯇꯤꯜꯍꯧ ꯍꯥꯏꯔꯤꯕ ꯑꯁꯤ ꯃꯅꯥ ꯃꯁꯤꯡ ꯑꯣꯏꯅ ꯑꯃꯗꯤ ꯏꯟꯁꯥꯡ
ꯅꯥꯄꯤ, ꯃꯔꯣꯏ-ꯃꯄꯥꯡ ꯑꯣꯏꯁꯨ ꯂꯧꯅꯕ, ꯑꯩꯈꯣꯏ ꯃꯤꯑꯣꯏꯕꯒꯤ
ꯆꯤꯟꯖꯥꯛꯀꯤ ꯃꯆꯜꯗ ꯇꯠꯅ ꯊꯥꯅꯕ ꯌꯥꯗ꯭ꯔꯕ ꯑꯃꯅꯤ ꯍꯥꯏꯕꯗ ꯍꯥꯏꯃꯟꯕ
ꯊꯣꯛꯂꯣꯏ ꯈꯜꯂꯤ꯫ ꯇꯤꯜꯍꯧꯗ ꯑꯩꯈꯣꯏ ꯃꯤꯑꯣꯏꯕꯒꯤ ꯍꯛꯆꯥꯡꯗ
ꯀꯥꯟꯅꯔꯕ ꯃꯆꯜ ꯀꯌꯥ ꯑꯃ ꯌꯥꯎꯔꯤ꯫ ꯃꯈꯣꯏꯁꯤꯡ ꯑꯗꯨꯒꯤ ꯃꯅꯨꯡꯗ
ꯈꯔ ꯄꯟꯕ ꯇꯥꯔꯒꯗꯤ ꯄ꯭ꯔꯣꯇꯤꯟ, ꯐꯦꯠ, ꯀꯥꯔꯕꯣꯟꯍꯥꯏꯗ꯭ꯔꯦꯠ,
ꯀꯦꯜꯁꯤꯌꯝ, ꯐꯣꯁꯐꯣꯔꯁ, ꯑꯥꯏꯔꯟ, ꯚꯤꯇꯥꯃꯤꯟ-ꯑꯦ, ꯚꯤꯇꯥꯃꯤꯟ-
ꯕꯤ (ꯃꯈꯜ ꯈꯔꯋ, ꯚꯤꯇꯥꯃꯤꯟ-ꯁꯤ ꯑꯁꯤꯅꯆꯤꯡꯕꯅꯤ꯫ ꯏꯟꯗꯤꯌꯥꯅ
ꯇꯤꯜꯍꯧ ꯊꯥꯕ ꯂꯝꯒꯤ ꯄꯥꯛ ꯆꯥꯎꯕꯗ ꯃꯀꯣꯛꯅꯤ ꯑꯗꯨꯒ ꯄꯣꯠꯊꯣꯛꯇꯅ
ꯆꯥꯏꯅꯥꯒꯤ ꯍꯦꯛ ꯃꯊꯪꯗ ꯂꯩꯗꯨꯅ ꯑꯅꯤꯁꯨꯕꯗ ꯂꯩ꯫ ꯃꯅꯥ-ꯃꯁꯤꯡꯗꯒꯤ
ꯂꯥꯛꯄ ꯐꯣꯔꯦꯏꯟ ꯑꯦꯛꯆꯦꯟꯁꯤ ꯆꯥꯗ 70 ꯗꯤ ꯏꯟꯗꯤꯌꯥꯤ ꯑꯣꯏꯅ
ꯇꯤꯜꯍꯧꯗꯒꯤ ꯂꯥꯛꯏ꯫ ꯏꯟꯗꯤꯌꯥꯒꯤ ꯃꯅꯨꯡꯗ ꯇꯤꯜꯍꯧ ꯄꯥꯛ ꯁꯟꯅ ꯊꯥꯕ
ꯁ꯭ꯇꯦꯠꯁꯤꯡꯗꯤ ꯃꯍꯥꯔꯥꯁꯇ꯭ꯔꯥ, ꯀꯔꯅꯥꯇꯀꯥ, ꯑꯣꯔꯤꯁꯥ, ꯇꯥꯃꯤꯜꯅꯥꯗꯨ,
ꯎꯠꯇꯔ ꯄ꯭ꯔꯗꯦꯁ, ꯕꯤꯍꯥꯔ, ꯒꯨꯖꯔꯥꯠ, ꯔꯥꯖꯁꯊꯥꯟ ꯑꯁꯤꯅꯆꯤꯡꯕꯅꯤ꯫
ꯃꯍꯥꯔꯥꯁꯇ꯭ꯔꯅ ꯂꯝꯒꯤ ꯄꯥꯛ ꯆꯥꯎꯕ ꯑꯃꯁꯨꯡ ꯄꯣꯠꯊꯣꯛ ꯄꯨꯊꯣꯛꯄꯗ
ꯃꯀꯣꯛꯅꯤ꯫ ꯑꯩꯈꯣꯏꯒꯤ ꯃꯅꯤꯄꯨꯔꯗꯗꯤ ꯑꯌꯥꯝꯕ ꯃꯄꯥꯜꯗꯒꯤ
ꯄꯨꯁꯤꯜꯂꯛꯄ ꯇꯤꯜꯍꯧꯗ ꯃꯤꯄꯥꯟ ꯇꯥꯡꯂꯤ꯫ ꯃꯔꯝ ꯑꯗꯨꯅ ꯃꯅꯤꯄꯨꯔꯗꯁꯨ
ꯇꯤꯜꯍꯧ ꯄꯥꯛ ꯁꯥꯟꯅ ꯊꯥꯕ ꯌꯥꯕ ꯃꯐꯝ ꯈꯟꯗꯨꯅ ꯈꯔ ꯌꯥꯝꯅ ꯄꯨꯊꯣꯛꯇꯨꯅ
ꯁꯦꯟꯗꯣꯡ ꯐꯪꯅꯕ ꯍꯣꯠꯅꯕꯒ ꯂꯣꯏꯅꯅ ꯏꯁꯥ-ꯏꯁꯥꯒꯤ ꯀꯣꯟꯅꯕꯗꯪ ꯊꯥꯕꯗ
ꯌꯥꯝꯅꯃꯛ ꯀꯥꯟꯅꯒꯅꯤ ꯈꯜꯂꯤ꯫
ꯇꯤꯜꯍꯧ ꯊꯥꯕꯗ ꯈꯪꯖꯤꯟꯕ ꯌꯥꯕ ꯈꯔꯗꯪ ꯊꯝꯖꯒꯦ꯫
ꯂꯩꯕꯥꯛ ꯂꯩꯍꯥꯎ: ꯐ꯭ꯔꯣꯡ-ꯐ꯭ꯔꯣꯡ ꯂꯥꯎꯕ ꯐꯣꯂꯤꯗꯒꯤꯅ ꯈꯔ ꯍꯣꯝꯕ
ꯂꯩꯇꯥꯟꯂꯝ ꯐꯥꯎꯕꯗ ꯇꯤꯜꯍꯧ ꯊꯥꯕꯗ ꯑꯗꯨꯃꯛ ꯄꯛꯅꯩ꯫ ꯈ꯭ꯋꯥꯏꯗꯒꯤ ꯍꯦꯟꯅ
ꯆꯥꯅꯕ ꯑꯁꯤꯟ ꯑꯌꯥꯛꯀꯤ ꯆꯥꯡꯗꯤ PH 5.8-6.5 ꯅꯤ꯫ ꯑꯗꯨꯃꯛꯄꯨ 5.8-

8.0 ꯐꯥꯎꯕꯗ ꯑꯗꯨꯃꯛ ꯃꯥꯏ ꯄꯥꯛꯅ ꯊꯥꯕ ꯌꯥꯏ꯫ ꯇꯤꯜꯍꯧ ꯊꯥꯕꯗ ꯊꯣꯏꯣꯛꯅ ꯀꯥ ꯍꯦꯟꯅ ꯂꯩꯆꯪ ꯂꯩꯅ ꯈꯣꯏꯔꯨꯕꯒꯤ ꯀꯥꯟꯅꯕ ꯂꯩꯇꯦ꯫ ꯍꯣꯝ-ꯍꯣꯝ ꯂꯥꯎꯕ ꯈꯔ
ꯂꯩꯀꯨꯞ ꯇꯥꯅ ꯈꯣꯏꯕꯗꯤ ꯃꯊꯧ ꯇꯥꯏ꯫ ꯃꯁꯤꯅ ꯃꯔꯨ ꯀꯥꯔꯛꯄꯗ ꯑꯄꯟꯕ
ꯄꯤꯗꯦ ꯂꯣꯏꯅꯅ ꯃꯔꯨ ꯃꯑꯣꯡ ꯇꯥꯅ ꯀꯥꯕ ꯉꯝꯍꯜꯂꯤ꯫
ꯍꯥꯔ ꯍꯥꯞꯄ: ꯂꯧ ꯄꯔꯤ ꯑꯃꯗ ꯁꯟꯊꯤ-ꯁꯟꯌꯨꯡꯒꯤ ꯅꯠꯇ꯭ꯔꯒ
ꯃꯅꯥ-ꯃꯁꯤꯡꯗꯒꯤ ꯁꯦꯝꯕ ꯀꯝꯄꯣꯁꯠ KE ꯒꯥꯔꯤ ꯃꯄꯣꯠ 6-7
ꯀ ꯂꯣꯏꯅꯅ ꯌꯨꯔꯤꯌꯥ ꯀꯤꯂꯣ 170-180, ꯁꯤꯡꯒꯜ ꯐꯣꯁꯄꯦꯠ (ꯑꯦꯁ
ꯑꯦꯁ ꯄꯤ) ꯀꯤꯂꯣ 360-370, (ꯑꯦꯝ ꯑꯣ ꯄꯤ) ꯃ꯭ꯌꯨꯔꯤꯑꯦꯠ ꯑꯣꯐ
ꯄꯣꯇꯁꯁ ꯀꯤꯂꯣ 150-160 ꯆꯪꯒꯅꯤ꯫ ꯃꯁꯤꯗꯤ ꯂꯩꯕꯥꯛ ꯂꯩꯍꯥꯎꯒꯤ
ꯃꯈꯥꯗꯤ ꯌꯥꯝꯅ ꯄꯣꯟꯕꯅꯤ ꯍꯥꯏꯅ ꯊꯝꯖꯅꯤꯡꯉꯤ꯫ ꯁꯟꯊꯤ ꯁꯟꯌꯨꯡ
ꯅꯠꯇꯛꯔꯒ ꯀꯝꯄꯣꯁꯠꯀꯤ ꯁꯔꯨꯛꯇꯤ ꯃꯥꯡꯖꯧꯅꯅ ꯊꯥꯒꯗꯕ ꯊꯥ ꯃꯈꯥꯏ
ꯑꯃ ꯋꯥꯠꯂꯤꯉꯩꯗ ꯂꯩꯕꯥꯛꯇ ꯈꯣꯏꯖꯤꯟꯕꯤꯍꯧꯒꯅꯤ꯫ ꯑꯄꯨꯟꯕ ꯌꯨꯔꯤꯌꯥꯒꯤ
ꯇꯪꯈꯥꯏ ꯑꯃ, ꯂꯣꯏꯅꯅ ꯄꯣꯇꯥꯁꯀꯤ ꯍꯥꯔꯒ ꯐꯣꯁꯐꯣꯔꯁꯀꯤ ꯍꯥꯔꯁꯤꯡꯗꯤ
ꯑꯃꯨꯛꯇꯗ ꯄꯨꯟꯅ ꯊꯥꯔꯝꯗꯥꯏꯒꯤ ꯂꯩꯕꯥꯛ ꯈꯣꯏꯕ ꯃꯇꯝꯗ ꯍꯥꯞꯍꯧꯒꯅꯤ꯫
ꯂꯦꯝꯍꯧꯔꯤꯕ ꯌꯨꯔꯤꯌꯥꯒꯤ ꯁꯔꯨꯛ ꯑꯗꯨꯅ ꯄꯥꯝꯕꯤ ꯂꯤꯡꯊꯣꯛꯂꯕ ꯃꯇꯨꯡ
ꯆꯌꯣꯜ 5-6 ꯂꯩꯔꯒ ꯍꯥꯞꯄꯤꯒꯅꯤ꯫

ꯊꯥꯕꯒꯤ ꯃꯇꯝ: ꯃꯅꯤꯄꯨꯔꯒꯤ ꯑꯣꯏꯅ ꯇꯤꯜꯍꯧ ꯑꯁꯤ ꯁꯦꯞꯇꯦꯕꯔ
ꯑꯣꯛꯇꯣꯕꯔ ꯃꯇꯝꯗ ꯃꯔꯨ ꯍꯨꯟꯕꯅ ꯈ꯭ꯋꯥꯏꯗꯒꯤ ꯆꯥꯅꯕ ꯃꯇꯝꯅꯤ꯫
ꯃꯔꯨ ꯍꯨꯟꯕ: ꯆꯥꯔ ꯃꯇꯝ ꯆꯥꯅ ꯃꯁꯥ ꯐꯅ ꯄꯨꯊꯣꯛꯄ ꯍꯥꯏꯕꯁꯤ
ꯑꯐꯕ ꯇꯤꯜꯍꯧ ꯃꯔꯨ ꯅꯤꯡꯊꯤꯅ ꯄꯨꯊꯣꯛꯄꯒꯤ ꯌꯥꯝꯅ ꯃꯔꯨꯑꯣꯏꯕ ꯊꯧꯔꯝ
ꯑꯃꯅꯤ꯫ ꯃꯔꯝ ꯑꯗꯨꯅ ꯆꯥꯔ ꯍꯨꯟꯅꯕꯒꯤꯗꯃꯛ ꯂꯩꯍꯥꯎ ꯂꯩꯕ, ꯅꯨꯡꯁꯤꯠ-
ꯅꯨꯡꯁꯥ ꯃꯔꯥꯡ ꯀꯥꯏꯅ ꯐꯪꯕ ꯃꯐꯝ ꯈꯟꯕꯤꯒꯅꯤ꯫ ꯂꯧ ꯄꯔꯤ ꯑꯃ ꯇꯤꯜꯍꯧ
ꯊꯥꯅꯕꯒꯤꯗꯃꯛ ꯃꯔꯨ ꯀꯤꯂꯣ 8-10 ꯆꯪꯒꯅꯤ꯫ ꯃꯁꯤꯕꯨ ꯃꯑꯣꯡ ꯆꯨꯝꯅ
ꯍꯨꯟꯒꯦ ꯍꯥꯏꯔꯕꯗꯤ ꯐꯨꯠ 10 ꯁꯥꯡꯕ, ꯐꯨꯠ 3.4 ꯄꯥꯛꯄ, ꯐꯩꯗꯣꯝ 50 ꯃꯨꯛ
ꯆꯪꯒꯅꯤ꯫ ꯐꯩꯗꯣꯝꯒꯤ ꯑꯋꯥꯡꯕꯗꯤ ꯐꯨꯠꯈꯥꯏ ꯑꯃ ꯑꯣꯏꯍꯟꯒꯅꯤ꯫
ꯃꯔꯨꯗ ꯍꯤꯗꯥꯛ ꯇꯣꯠꯄ: ꯃꯔꯨꯗ ꯍꯤꯗꯥꯛ ꯇꯣꯠꯄ ꯍꯥꯏꯕꯁꯤ
ꯇꯧꯗꯕ ꯌꯥꯗ꯭ꯔꯕ ꯃꯔꯝ ꯑꯃꯅꯤ ꯍꯥꯏꯕꯁꯤ ꯃꯇꯝ ꯄꯨꯝꯅꯃꯛꯇ
ꯀꯥꯎꯕꯤꯔꯣꯏꯗꯕꯅꯤ꯫ ꯔꯁꯌꯥꯟꯒꯤ ꯑꯣꯏꯔꯒꯅ ꯀꯥꯔꯕꯦꯟꯗꯥꯖꯤꯝ,
ꯀꯥꯞꯇꯥꯟ ꯅꯠꯇ꯭ꯔꯒ ꯀꯥꯔꯕꯦꯟꯗꯥꯖꯤꯝꯒ ꯃꯦꯟꯀꯣꯖꯦꯕꯀ ꯌꯥꯟꯅꯕ ꯁꯥꯐ
ꯀꯨꯝꯕ ꯀꯣꯛꯐꯥꯏ ꯁꯨꯖꯥꯒꯤ ꯍꯤꯗꯥꯛꯁꯤꯡ ꯑꯁꯤ ꯃꯔꯨ ꯀꯤꯂꯣ ꯑꯃꯗ
ꯒ꯭ꯔꯥꯝ 2ꯒꯤ ꯆꯥꯡꯗ ꯅꯤꯡꯊꯤꯅ ꯆꯥꯡ ꯃꯥꯟꯅ ꯇꯣꯠꯂꯒ ꯍꯨꯟꯕꯤꯒꯅꯤ꯫
ꯕꯥꯏꯑꯣꯒꯤ ꯑꯣꯏꯔꯒꯅ ꯇ꯭ꯔꯥꯏꯀꯣꯗꯔꯃꯥ ꯌꯥꯎꯕ ꯍꯤꯗꯥꯛ ꯒ꯭ꯔꯥꯝ 8-10
ꯇꯣꯠꯂꯒ ꯍꯨꯟꯕ ꯐꯩ꯫ ꯃꯈꯜ ꯑꯅꯤ (ꯕꯥꯏꯑꯣꯒ ꯔꯁꯌꯥꯟꯒ) ꯑꯁꯤ
ꯀꯩꯗꯧꯅꯨꯡꯗ ꯄꯨꯟꯅ ꯁꯤꯖꯤꯟꯅꯔꯣꯏꯗꯕꯅꯤ꯫ ꯀꯔꯤꯒꯨꯝꯕꯗ ꯃꯔꯨꯗ
ꯍꯤꯗꯥꯛ ꯇꯣꯠꯇ꯭ꯔꯕꯁꯨ ꯂꯩꯕꯥꯛꯇ ꯍꯤꯗꯥꯛ ꯍꯥꯞꯇꯨꯅ ꯂꯥꯏꯅꯥ ꯇꯥꯗꯅꯕ
ꯍꯣꯠꯅꯕ ꯌꯥꯏ꯫ ꯃꯁꯤꯒꯤꯗꯃꯇꯤ ꯐꯩꯗꯣꯝꯒꯤ ꯐꯨꯠ 3ꯒꯤ ꯁ꯭ꯀ꯭ꯋꯥꯔꯒꯤ
ꯆꯥꯡꯗ ꯀꯥꯞꯇꯥꯟ ꯍꯥꯏꯔꯤꯕ ꯍꯤꯗꯥꯛ ꯃꯐꯣꯜ ꯑꯁꯤ ꯒ꯭ꯔꯥꯝ 4-5 ꯆꯥꯏꯔꯒ
ꯇꯣꯠꯁꯤꯟꯕꯤꯕ ꯌꯥꯏ꯫ ꯇꯣꯠꯂꯕ ꯃꯇꯨꯡꯗ ꯃꯔꯨ ꯍꯨꯟꯕ ꯌꯥꯔꯦ꯫ ꯃꯔꯨꯅ
ꯃꯇꯣꯟ ꯆꯣꯡꯗꯨꯅ ꯍꯧꯔꯕ ꯃꯇꯨꯡꯗ ꯑꯃꯨꯛꯀ ꯍꯦꯟꯅ ꯀꯥꯞꯇꯥꯟ ꯒ꯭ꯔꯥꯝ
20 ꯏꯁꯤꯡ ꯂꯤꯇꯔ 10ꯒꯤ ꯆꯥꯡꯗ ꯌꯥꯜꯂꯒ ꯍꯧꯔꯤꯕ ꯆꯥꯔꯒꯤ ꯂꯩꯕꯥꯛꯇ
ꯃꯔꯣꯜ ꯑꯃ ꯆꯥꯏꯔꯒ ꯏꯁꯤꯡ ꯉꯥꯛꯇ ꯑꯃꯨꯛ ꯄꯣꯞꯅꯕ ꯆꯥꯏꯕꯅ ꯃꯔꯥ
ꯄꯨꯝꯕ ꯄꯠꯄꯅꯆꯤꯡꯕꯗꯒꯤ ꯀꯟꯕ ꯉꯝꯃꯤ꯫
ꯆꯥꯔ ꯍꯨꯟꯕꯗ ꯏꯁꯤꯡ ꯆꯥꯏꯕ: ꯅꯤꯡꯊꯤꯅ ꯂꯩꯕꯥꯛ ꯀꯨꯞꯅ ꯁꯦꯝꯂꯕ
ꯃꯐꯝꯗ ꯃꯔꯨ ꯍꯨꯟꯗ꯭ꯔꯤꯉꯩꯗ ꯏꯁꯤꯡ ꯄꯣꯞꯅ ꯆꯥꯏꯔꯕ ꯃꯇꯨꯡꯗ ꯃꯔꯨ
ꯆꯥꯡ ꯃꯥꯟꯅ ꯍꯨꯟꯕꯤꯒꯅꯤ꯫ ꯍꯨꯂꯂꯕ ꯃꯇꯨꯡꯗ ꯂꯩꯉꯣꯏ ꯃꯀꯨꯞꯅ ꯅꯠꯇ꯭ꯔꯒ
ꯂꯩꯕꯥꯛ ꯐꯣꯂꯤꯅ ꯄꯥꯔꯞꯅ ꯃꯔꯣꯜ ꯑꯃ ꯆꯥꯡ ꯃꯥꯟꯅ ꯀꯨꯞꯁꯤꯜꯂꯕ ꯃꯇꯨꯡꯗ
ꯆꯔꯨ, ꯏ ꯅꯠꯇ꯭ꯔꯒ ꯕꯣꯔꯥꯅ ꯀꯨꯞꯇꯨꯅ ꯍꯧꯅꯅꯕ ꯍꯣꯠꯅꯒꯅꯤ꯫ ꯃꯔꯨꯅ ꯌꯥꯝꯅ
ꯍꯨꯜꯂꯣꯏꯗꯕ ꯍꯥꯏꯕꯗꯤ ꯐꯩꯗꯣꯝ ꯃꯆꯥ ꯑꯃ-ꯑꯅꯤ ꯍꯨꯟꯒꯗꯕ ꯑꯣꯏꯔꯕꯗꯤ
ꯄꯔꯦꯡ ꯅꯥꯏꯅ ꯄꯔꯦꯡꯒ ꯄꯔꯦꯡꯒ ꯏꯟꯆꯤ 4-4 ꯂꯥꯞꯅꯅ ꯍꯨꯟꯕ ꯌꯥꯝꯅ ꯐꯩ꯫
ꯄꯔꯦꯡꯒꯤ ꯃꯅꯨꯡꯗ ꯃꯔꯨꯁꯤꯡ ꯂꯣꯟꯁꯤꯟꯅꯗꯅꯕ ꯃꯑꯣꯡꯗ ꯍꯨꯟꯕꯤꯒꯅꯤ꯫

ꯆꯥꯔꯒꯤ ꯆꯍꯤ: ꯍꯨꯟꯕꯗꯒꯤ ꯅꯨꯃꯤꯠ 40-45 ꯅꯤ ꯁꯨꯔꯕ ꯆꯥꯔꯅ
ꯊꯥꯕꯅ ꯈ꯭ꯋꯥꯏꯗꯒꯤ ꯐꯩ꯫
ꯂꯤꯡꯊꯣꯛꯄ: ꯇꯣꯉꯥꯟ ꯇꯣꯉꯥꯟꯕ ꯚꯦꯔꯥꯏꯇꯤꯒꯤ ꯃꯇꯨꯡꯏꯟꯅ
ꯍꯥꯏꯕꯗꯤ ꯃꯔꯨ ꯈꯔ ꯆꯥꯎꯒꯟꯕ ꯈꯔ ꯄꯤꯛꯄ ꯃꯈꯜꯁꯤꯡꯒꯤ
ꯑꯔꯟ ꯑꯀꯨꯡ ꯈꯔ ꯈꯦꯟꯅꯕ ꯂꯩꯔꯕꯁꯨ ꯆꯥꯡꯆꯠꯇ ꯄꯔꯦꯡꯒ
ꯄꯔꯦꯡꯒ ꯐꯨꯠꯈꯥꯏ ꯑꯃ ꯄꯥꯝꯕꯤꯒ ꯄꯥꯝꯕꯤꯒ ꯏꯟꯆꯤ 3 ꯂꯥꯞꯅꯅ
ꯊꯥꯕꯅ ꯈ꯭ꯋꯥꯏꯗꯒꯤ ꯐꯩ ꯃꯔꯨ ꯈꯔ ꯄꯤꯛꯄ ꯀꯥꯡꯕꯨꯒꯤꯅ ꯄꯔꯦꯡꯗ
ꯏꯟꯆꯤ ꯑꯃ ꯍꯟꯊꯍꯟꯕ ꯌꯥꯏ꯫ ꯇꯧꯕꯇꯕꯨ ꯚꯦꯔꯥꯏꯇꯤ ꯑꯗꯨ
ꯃꯁꯛ ꯃꯨꯟꯅ ꯈꯪꯕ ꯌꯥꯝꯅ ꯃꯔꯨꯑꯣꯏ꯫ ꯌꯥꯝꯅ ꯄꯥꯛ ꯁꯥꯟꯅ ꯊꯥꯕ
ꯃꯇꯝꯗ ꯑꯔꯟ ꯑꯀꯨꯡ ꯈꯦꯟꯅꯕꯒꯤ ꯃꯇꯨꯡꯏꯟꯅ ꯆꯥꯊꯣꯛꯇ ꯌꯥꯝꯅ
ꯈꯦꯟꯅꯔꯛꯀꯗꯧꯔꯤꯕꯅꯤ꯫
ꯍꯥꯕꯦꯡꯕ: ꯇꯤꯜꯍꯧ ꯃꯔꯥ ꯊꯦꯟꯅ ꯆꯠꯄ ꯄꯥꯝꯕꯤꯅꯤ꯫

ꯃꯔꯝ ꯑꯗꯨꯅ ꯅꯥꯄꯤ ꯄꯦꯡꯕ ꯃꯇꯝꯗ, ꯃꯈꯣꯡ ꯁꯦꯝꯕ ꯃꯇꯝꯗ
ꯃꯔꯥ ꯁꯣꯛꯇꯅꯕ ꯍꯣꯠꯅꯕ ꯌꯥꯝꯅ ꯃꯔꯨꯑꯣꯏ꯫ ꯅꯥꯄꯤ ꯍꯤꯗꯥꯛ
ꯁꯤꯖꯤꯟꯅꯗꯨꯅ ꯅꯥꯄꯤ ꯍꯥꯠꯅꯕ ꯊꯧꯔꯥꯡ ꯄꯥꯏꯈꯠꯄ ꯌꯥꯝꯅ ꯀꯥꯟꯅꯒꯅꯤ꯫
ꯑꯣꯛꯁꯤꯐ꯭ꯂꯣꯔꯐꯦꯟ ꯍꯥꯏꯔꯤꯕ ꯅꯥꯄꯤ ꯍꯤꯗꯥꯛ ꯑꯁꯤ ꯒꯣꯜ ꯍꯥꯏꯅ
ꯆꯥꯗ 23.5 ꯃꯄꯥꯡꯒꯜꯗ ꯂꯥꯛꯏ꯫ ꯃꯁꯤ ꯏꯁꯤꯡ ꯂꯤꯇꯔ ꯑꯃꯗ
ꯃꯤꯂꯤ 2.8 ꯌꯥꯜꯂꯒ ꯇꯤꯜꯍꯧꯅ ꯃꯅꯥ 2-3 ꯄꯥꯜꯂꯕ ꯃꯇꯝ ꯍꯥꯏꯕꯗꯤ
ꯂꯤꯡꯊꯣꯛꯇꯨꯅ ꯈꯨꯠ ꯂꯣꯜꯂꯕ ꯃꯇꯝ, ꯅꯥꯄꯤꯅ ꯈꯔ ꯄꯤꯛꯂꯤꯉꯩꯗ
ꯀꯥꯞꯊꯣꯛꯄ ꯃꯇꯝꯗ ꯑꯌꯥꯝꯕ ꯅꯥꯄꯤ ꯍꯥꯠꯄ ꯉꯝꯃꯤ꯫
ꯏꯁꯤꯡ ꯆꯟꯕ: ꯇꯤꯜꯍꯧꯗꯤ ꯏꯁꯤꯡ ꯌꯥꯝꯅ ꯄꯥꯝꯕ ꯄꯥꯝꯕꯤꯅꯤ꯫

ꯏꯁꯤꯡ ꯑꯁꯤ ꯇꯔꯥꯅꯤ ꯊꯥ ꯃꯈꯥꯏ ꯈꯨꯗꯤꯡꯒꯤ ꯆꯟꯕꯤꯒꯅꯤ꯫
ꯂꯣꯛꯀꯗꯕ ꯇꯔꯥꯅꯤꯃꯨꯛ ꯋꯥꯠꯂꯤꯉꯩꯗ ꯏꯁꯤꯡꯄꯤꯕ ꯂꯦꯞꯊꯣꯛꯀꯅꯤ꯫
ꯂꯥꯏꯅꯥ-ꯇꯤꯜꯅꯥ: ꯊ꯭ꯔꯤꯞꯁ: ꯍꯥꯏꯔꯤꯕ ꯇꯤꯜ ꯑꯁꯤ ꯃꯅꯥꯗꯒꯤ ꯃꯍꯤ
ꯆꯨꯛꯊꯣꯛꯇꯨꯅ ꯌꯥꯝꯅ ꯃꯥꯡ ꯇꯥꯛꯍꯟꯕ ꯇꯤꯜꯅꯤ꯫ ꯇꯤꯜ ꯑꯁꯤ ꯇꯥꯔꯕꯗꯤ ꯃꯅꯥ
ꯑꯗꯨ ꯍꯌꯤꯡ ꯃꯊꯤ ꯄꯛꯄꯒꯨꯝ ꯑꯃꯨꯕ ꯀ꯭ꯔꯦꯡ ꯀ꯭ꯔꯦꯡ ꯂꯥꯨꯕ ꯃꯀꯨꯞꯁꯤꯡ
ꯊꯦꯡꯅꯒꯅꯤ꯫ ꯃꯅꯥ ꯑꯗꯨ ꯀꯪꯁꯤꯜꯂꯛꯀꯅꯤ꯫ ꯆꯤꯡꯅꯕ ꯇꯤꯜꯍꯧ ꯃꯅꯥ ꯑꯃ
ꯊꯠꯂꯒ ꯑꯉꯧꯕ ꯆꯦꯕꯥꯡ ꯑꯃꯗ ꯀꯦꯟꯗꯨꯅ ꯌꯦꯡꯕꯗ ꯑꯃꯨꯕ ꯇꯤꯜꯀꯨꯞꯁꯤꯡ
ꯎꯕ ꯐꯪꯒꯅꯤ꯫ ꯃꯁꯤꯒꯤꯗꯃꯛꯇ ꯗꯥꯏꯀ꯭ꯂꯣꯔꯚꯣꯁ ꯆꯥꯗ 76 ꯑꯁꯤ ꯏꯁꯤꯡ
ꯂꯤꯇꯔ 15 ꯗ ꯃꯤꯂꯤ 10 ꯌꯥꯜꯂꯒ ꯃꯅꯥ ꯆꯣꯅꯕ ꯅꯨꯃꯤꯠ 10 ꯅꯤ ꯀꯥꯟꯅꯔꯒ
ꯑꯅꯤꯔꯛ ꯑꯍꯨꯝꯂꯛ ꯀꯥꯞꯊꯣꯛꯄꯗ ꯁꯣꯏꯗꯅ ꯐꯒꯅꯤ꯫ ꯃꯤꯗ ꯍꯥꯏꯅ
ꯂꯥꯛꯄ ꯏꯃꯤꯗꯥꯀ꯭ꯂꯣꯄ꯭ꯔꯤꯗ ꯍꯥꯏꯔꯤꯕ ꯍꯤꯗꯥꯛ ꯏꯁꯤꯡ ꯂꯤꯇꯔ 15 ꯗ
ꯃꯤꯂꯤ 10 ꯌꯥꯜꯂꯒ ꯃꯅꯥ ꯆꯣꯠꯅꯕ ꯀꯥꯞꯂꯕꯁꯨ ꯐꯒꯅꯤ꯫ ꯂꯣꯛꯀꯗꯕ ꯅꯨꯃꯤꯠ
20 ꯅꯤ ꯋꯥꯠꯂꯤꯉꯩꯗꯒꯤ ꯃꯁꯤ ꯀꯥꯞꯄ ꯌꯥꯗ꯭ꯔꯦ꯫
ꯂꯣꯛꯄ: ꯇꯤꯜꯍꯧ ꯃꯅꯥꯅ ꯅꯥꯄꯨ ꯀꯥꯔꯛꯂꯕ ꯃꯇꯝ ꯃꯉꯛ
ꯂꯣꯏꯔꯕ ꯃꯇꯝꯗ ꯇꯜꯍꯧ ꯐꯨꯛꯀꯅꯤ꯫ ꯐꯨꯛꯂꯕ ꯃꯇꯨꯡꯗ ꯎꯔꯨꯝꯗ
ꯈꯔ ꯄꯥꯅ ꯁꯟꯗꯣꯛꯇꯨꯅ ꯅꯨꯃꯤꯠ 5-6 ꯅꯤ ꯊꯝꯂꯕ ꯃꯇꯨꯡꯗ ꯃꯔꯨꯗꯒꯤ
ꯏꯟꯆꯤ ꯑꯃꯃꯨꯛ ꯀꯛꯊꯠꯂꯒ ꯃꯅꯥ ꯀꯛꯇꯨꯅ ꯏꯟꯆꯤ 3-4 ꯗꯒꯤ
ꯍꯦꯟꯅ ꯊꯥꯍꯟꯗꯅ ꯅꯨꯡꯁꯤꯠ ꯃꯔꯥꯡ ꯀꯥꯏꯅ ꯐꯪꯕ ꯃꯐꯝꯗ ꯂꯩꯃꯥꯏꯗꯒꯤ
ꯐꯨꯠ 1-1.5 ꯋꯥꯡꯕ ꯃꯐꯝꯗ ꯂꯤꯗꯨꯅ ꯊꯝꯕ ꯌꯥꯔꯦ꯫

ꯏꯔꯣꯜ ꯏꯌꯦꯛ
ꯆꯥꯎꯈꯠꯍꯟꯅꯕꯒꯤ ꯃꯤꯠꯌꯦꯡ
ꯑꯈꯪ ꯑꯍꯩꯁꯤꯡꯅ ꯈꯨꯔꯧ ꯊꯥꯡꯍꯟꯗꯅ ꯄꯨꯟꯅ ꯊꯧꯗꯥꯡ ꯂꯧꯃꯤꯟꯅꯁꯤ ꯂꯩꯕꯥꯛ ꯑꯃ ꯅꯠꯇ꯭ꯔꯒ ꯁ꯭ꯇꯦꯠ ꯑꯃꯒꯤ ꯃꯔꯝꯗ ꯃꯃꯨꯠ ꯇꯥꯅ ꯅꯩꯅꯔꯛꯄꯗ ꯑꯗꯨꯒꯨꯝꯕ
ꯂꯩꯕꯥꯛ ꯅꯠꯇ꯭ꯔꯒ ꯁ꯭ꯇꯦꯠ ꯑꯗꯨꯗ ꯂꯩꯔꯤꯕ ꯃꯤꯌꯥꯝꯅ ꯉꯥꯡꯅꯔꯤꯕ ꯂꯣꯜ ꯑꯃꯁꯨꯡ
ꯁꯤꯖꯤꯟꯅꯔꯕ ꯃꯌꯦꯛꯀꯤ ꯄꯨꯋꯥꯔꯤ ꯁꯣꯏꯗꯅ ꯂꯩꯐꯝ ꯊꯣꯛꯏ꯫ ꯃꯅꯤꯄꯨꯔꯗ ꯂꯩꯃꯤꯟꯅꯔꯤꯕ ꯃꯆꯤꯟ ꯃꯅꯥꯎ ꯑꯣꯏꯕ ꯐꯨꯔꯨꯞꯁꯤꯡꯒꯤ ꯂꯣꯜ ꯑꯃꯃꯝ ꯂꯩꯖꯔꯤ꯫ ꯑꯗꯨꯕꯨ ꯂꯣꯜꯥꯤꯡ ꯑꯗꯨꯕꯨ ꯁꯤꯖꯤꯟꯅꯔꯤꯕ ꯐꯨꯔꯨꯞꯁꯤꯡꯒꯤ ꯃꯁꯥꯒꯤ ꯑꯣꯏꯕ ꯃꯌꯦꯛ ꯂꯩꯖꯗꯕ ꯂꯩꯔꯤ꯫ ꯃꯥꯂꯦꯝꯒꯤ ꯑꯣꯏꯅ ꯌꯦꯡꯂꯛꯄ ꯃꯤꯠꯌꯦꯡꯗꯁꯨ ꯂꯣꯜꯅ ꯃꯁꯥꯒꯤ ꯑꯣꯏꯔꯒꯁꯨ ꯑꯇꯣꯞꯄ ꯃꯌꯦꯛ ꯁꯤꯖꯤꯟꯅꯕ ꯂꯩꯇꯕ ꯅꯠꯇꯦ꯫ ꯉꯁꯤꯗꯤ ꯂꯝꯗꯝ’ꯁꯤꯗ ꯂꯩꯔꯤꯕ ꯐꯨꯔꯨꯞꯁꯤꯡꯒꯤ ꯐꯥꯎꯅ ꯂꯣꯜ ꯑꯣꯏꯔꯤꯕ ꯃꯅꯤꯄꯨꯔꯤ ꯂꯣꯜ ꯆꯥꯎꯈꯠꯍꯟꯅꯕ ꯍꯣꯠꯅꯔꯛꯄ, ꯂꯣꯜ ꯑꯁꯤ ꯍꯦꯟꯅ ꯃꯁꯛ ꯊꯣꯛꯍꯟꯅꯕꯒꯤ ꯄꯥꯟꯗꯝꯗ ꯈꯟꯅ ꯅꯩꯅꯕ ꯀꯌꯥ ꯂꯦꯞꯇꯅ ꯆꯪꯁꯤꯜꯂꯛꯂꯦ꯫ ꯃꯁꯤꯃꯛ ꯈꯨꯟꯅꯥꯏ’ꯁꯤꯗ ꯂꯩꯔꯤꯕ ꯃꯤꯌꯥꯝꯅ ꯃꯁꯥꯅ ꯃꯁꯥꯕꯨ ꯃꯁꯛ ꯈꯪꯖꯔꯛꯄꯒꯤ ꯊꯥꯛ ꯑꯃꯗ ꯆꯪꯁꯤꯜꯂꯛꯄꯅꯤ ꯍꯥꯏꯅ ꯂꯧꯕ ꯌꯥꯏ꯫ ꯂꯣꯜ ꯍꯥꯏꯕꯁꯤ ꯂꯩꯔꯛꯄꯗ ꯅꯥꯠꯀꯤ ꯑꯣꯏꯕ ꯋꯥꯐꯝ ꯍꯦꯟꯅ ꯅꯛꯁꯤꯟꯅꯅ
ꯄꯨꯁꯤꯜꯂꯛꯄꯗ ꯑꯃꯨꯛꯀ ꯍꯦꯟꯅ ꯃꯁꯛ ꯊꯣꯛꯀꯅꯤ꯫ ꯂꯣꯜ, ꯅꯥꯠ ꯑꯃꯁꯨꯡ ꯀꯜꯆꯔ ꯍꯥꯏꯕꯁꯤꯅ ꯈꯨꯟꯅꯥꯏ ꯑꯃꯗ ꯂꯩꯔꯤꯕ ꯃꯤꯌꯥꯝꯒꯤ ꯄꯨꯟꯁꯤꯔꯣꯜꯗ ꯂꯩꯔꯤꯕ ꯆꯠꯅꯔꯣꯜꯕꯨ ꯃꯁꯛ ꯇꯥꯛꯄꯗ ꯃꯇꯦꯡ ꯑꯣꯏ꯫ ꯃꯤꯑꯣꯏꯕꯒꯤ ꯄꯨꯟꯁꯤꯔꯣꯜꯗ ꯂꯩꯈꯤꯕ ꯃꯃꯥꯡꯊꯛꯀꯤ ꯄꯨꯋꯥꯔꯤ ꯀꯌꯥ ꯅꯩꯅꯔꯛꯄꯗ ꯂꯣꯜ ꯍꯥꯏꯕꯁꯤꯗ ꯑꯍꯣꯡꯕ ꯀꯌꯥ ꯂꯩꯔꯛꯄ ꯊꯦꯡꯅꯩ ꯍꯥꯏꯕꯁꯤꯗꯤ ꯀꯛꯄ
ꯌꯥꯗꯅ ꯆꯨꯝꯂꯕ ꯋꯥꯐꯝꯅꯤ꯫ ꯑꯗꯨꯕꯨ ꯀꯅꯥꯒꯨꯝꯕ ꯌꯦꯜꯍꯧꯃꯤꯁꯤꯡꯅ ꯉꯥꯡꯅ ꯁꯛꯅꯔꯤꯕ ꯂꯣꯜꯗ ꯂꯣꯜꯌꯥꯟ ꯂꯩꯍꯜꯂꯛꯄꯗꯒꯤ ꯑꯗꯨꯒꯨꯝꯕ ꯂꯣꯜ ꯑꯗꯨꯒꯤ ꯃꯁꯛ ꯍꯣꯡꯗꯣꯛꯍꯜꯂꯛꯄ ꯑꯃꯗꯤ ꯋꯥꯍꯟꯊꯣꯛ ꯂꯩꯍꯜꯂꯛꯇꯕ ꯍꯥꯏꯕꯗꯨ ꯂꯩꯔꯛꯂꯕꯗꯤ ꯃꯗꯨꯕꯨ ꯃꯇꯤꯛ ꯊꯣꯛꯅ ꯊꯦꯡꯅꯕ ꯆꯪꯏ꯫ ꯐꯨꯔꯨꯞ/ ꯀꯥꯡꯂꯨꯞ ꯑꯃꯅ ꯉꯥꯡꯅ ꯁꯛꯅꯔꯤꯕ ꯂꯣꯜꯒꯤ ꯍꯧꯔꯛꯐꯝꯒ ꯃꯔꯤ ꯂꯩꯅꯅ ꯄꯨꯋꯥꯔꯤ ꯂꯩꯐꯝ ꯊꯣꯛꯏ꯫ ꯑꯗꯨꯕꯨ ꯃꯅꯤꯄꯨꯔꯤ ꯂꯣꯜꯒꯤ ꯑꯣꯏꯕ ꯋꯥꯐꯝ ꯅꯩꯅꯔꯛꯄꯗ ꯍꯧꯈꯤꯕ ꯃꯇꯝꯗ ꯂꯩꯔꯝꯕ ꯄꯨꯋꯥꯔꯤ ꯑꯃꯗꯤ ꯅꯥꯠ ꯑꯃꯁꯨꯡ ꯀꯜꯆꯔ ꯌꯣꯛꯇꯨꯅ ꯐꯤꯚꯝ ꯀꯥꯏꯍꯟꯗꯅ ꯊꯝꯅꯕ ꯍꯣꯠꯅꯔꯛꯄꯗ ꯆꯔꯛ ꯆꯍꯤꯡꯅꯈꯤꯕ ꯂꯩꯈꯤꯕꯒꯤ ꯑꯋꯥꯕ ꯑꯗꯨ ꯉꯁꯤꯒꯤ ꯃꯤꯔꯣꯜꯅ ꯊꯦꯡꯅꯔꯤ ꯍꯥꯏꯕ ꯇꯥꯏ꯫ ꯑꯗꯨꯃꯛꯄꯨ ꯃꯅꯤꯄꯨꯔꯤ ꯂꯣꯜ ꯑꯃꯁꯨꯡ ꯃꯌꯦꯛ ꯆꯠꯅꯍꯟꯕꯒꯤ ꯄꯨꯋꯥꯔꯤꯒꯤ ꯑꯣꯏꯔꯕ ꯈꯣꯡꯍꯧ ꯑꯃ ꯂꯩꯔꯛꯇꯨꯅ ꯍꯤꯔꯝ’ꯁꯤꯒꯤ ꯃꯇꯥꯡꯗ ꯃꯄꯨꯡ ꯐꯥꯕ ꯃꯉꯥꯜ ꯑꯗꯨꯝꯃꯛ ꯌꯒꯗꯕ ꯋꯥꯠꯂꯕꯁꯨ ꯃꯁꯥ ꯃꯔꯡꯗꯤ ꯐꯟꯗꯣꯔꯛꯂꯦ꯫ ꯍꯧꯖꯤꯛꯀꯤ ꯃꯤꯔꯣꯜꯅ ꯉꯥꯡꯅꯔꯤꯕ ꯃꯅꯤꯄꯨꯔꯤ ꯂꯣꯜꯗ ꯂꯣꯜꯌꯥꯟ ꯌꯥꯎꯍꯟꯗꯅꯕ ꯍꯣꯠꯅꯔꯛꯄ ꯑꯁꯤꯁꯨ ꯑꯆꯨꯝꯕ ꯈꯣꯡꯊꯥꯡꯅꯤ꯫ ꯇꯧꯕꯇꯕꯨ ꯂꯣꯜ ꯑꯁꯤꯒꯤ ꯁꯛꯇꯝꯗ ꯑꯀꯥꯏꯕ ꯑꯣꯏꯔꯣꯏꯗꯕ, ꯍꯦꯟꯅ ꯃꯁꯛ ꯊꯣꯛꯍꯟꯒꯗꯕ ꯋꯥꯍꯩ ꯑꯣꯏꯔꯒꯗꯤ ꯀꯗꯥꯏꯐꯥꯎꯕ ꯁꯤꯖꯤꯟꯅꯕ ꯌꯥꯕꯒꯦ ꯍꯥꯏꯕꯗꯨ ꯈꯟꯅ ꯅꯩꯅꯐꯝ ꯊꯣꯛꯏ꯫ ꯃꯥꯂꯦꯝꯒꯤ ꯐꯥꯎꯅꯂꯣꯜꯅꯤ ꯍꯥꯏꯅꯔꯤꯕ ꯏꯪꯂꯤꯁ ꯍꯥꯏꯕ ꯂꯣꯜ’ꯁꯤꯗ ꯇꯣꯉꯥꯟꯕ
ꯂꯣꯜ ꯀꯌꯥꯗꯒꯤ ꯐꯖꯕ ꯋꯥꯍꯩꯁꯤꯡ ꯂꯧꯁꯤꯟꯗꯨꯅ ꯍꯦꯟꯅ ꯃꯁꯛ ꯊꯣꯛꯍꯟꯅꯕ ꯍꯣꯠꯅꯔꯤ꯫ ꯏꯟꯗꯤꯌꯥꯒꯤ ꯑꯣꯏꯅꯁꯨ ꯍꯤꯟꯗꯤ ꯂꯣꯜꯗ ꯎꯔꯗꯨꯅꯆꯤꯕꯡ ꯂꯣꯜꯁꯤꯡꯗꯒꯤ ꯐꯖꯕ ꯋꯥꯍꯩꯁꯤꯡ ꯂꯧꯁꯤꯜꯂꯒ ꯍꯤꯗꯤ ꯂꯣꯜ ꯍꯦꯟꯅ ꯃꯁꯛ ꯊꯣꯛꯍꯟꯅꯕ ꯍꯣꯠꯅꯕ ꯈꯨꯗꯤꯡꯃꯛꯅ ꯈꯪꯅꯔꯕ ꯋꯥꯐꯝꯅꯤ꯫ ꯂꯝꯗꯝ’ꯁꯤꯒꯤ ꯐꯥꯎꯅ ꯂꯣꯜ ꯑꯣꯏꯔꯤꯕ ꯃꯅꯤꯄꯨꯔꯤ ꯂꯣꯜꯗ ꯆꯨꯅꯗꯕ ꯋꯥꯍꯩ ꯀꯌꯥ, ꯈꯨꯗꯝ ꯑꯣꯏꯅ- ꯑꯪꯀꯜ, ꯗꯦꯗꯤ, ꯃꯃꯤ ꯍꯥꯏꯕꯅꯆꯤꯡꯕ ꯂꯣꯜꯌꯥꯟ ꯁꯤꯖꯤꯟꯅꯔꯛꯄ ꯇꯥꯔꯕꯗꯤ ꯂꯣꯜ ꯑꯁꯤ ꯃꯨꯠꯈꯤꯅꯕꯒꯤ ꯃꯆꯥꯛ ꯑꯣꯏꯔꯛꯀꯅꯤ꯫ ꯃꯥꯂꯦꯝꯒꯤ ꯅꯩꯅꯔꯣꯜꯁꯤꯡꯗ ꯆꯠꯊꯕ ꯔꯤꯁꯥꯔꯁꯀꯤ ꯃꯇꯨꯡꯏꯟꯅ ꯌꯨꯅꯥꯏꯇꯦꯗ ꯅꯦꯁꯟꯁꯒꯤ ꯃꯔꯤ ꯂꯩꯅꯕ ꯋꯥꯔꯣꯜꯗ ꯃꯥꯂꯦꯝꯗ ꯁꯤꯊꯔꯛꯂꯤꯕ ꯂꯣꯜꯁꯤꯡꯒꯤ ꯃꯅꯨꯡꯗ ꯃꯅꯤꯄꯨꯔꯤ ꯂꯣꯜꯁꯨ ꯌꯥꯎꯔꯤ꯫ ꯄꯨꯝꯅꯃꯛ ꯑꯁꯤ \ꯦꯡꯂꯒ ꯂꯣꯜ ꯑꯁꯤꯗ ꯆꯨꯅꯗꯕ ꯂꯣꯜꯌꯥꯟ ꯌꯥꯎꯁꯤꯟꯍꯟꯗꯅꯕ ꯍꯣꯠꯅꯕ ꯍꯥꯏꯕꯁꯤ ꯇꯧꯗꯕ \ꯥꯗꯕ ꯊꯧꯗꯥꯡꯅꯤ꯫ ꯂꯤꯡꯒꯨꯏꯁꯇꯤꯛꯀꯤ ꯂꯝꯗ SI ꯍꯩꯔꯕ ꯑꯃꯗꯤ ꯃꯅꯤꯄꯨꯔꯤ ꯂꯣꯜꯒꯤ ꯂꯝꯗ ꯍꯦꯟꯅ ꯈꯪꯍꯩꯔꯕ ꯀꯌꯥꯅ ꯐꯖꯕ ꯋꯥꯈꯜꯂꯣꯟ ꯄꯨꯊꯣꯛꯇꯨꯅ ꯃꯅꯤꯄꯨꯔꯤ ꯂꯣꯜ ꯑꯃꯗꯤ ꯃꯌꯦꯛ ꯍꯦꯟꯅ ꯃꯁꯛ ꯊꯣꯛꯍꯟꯅꯕ ꯍꯥꯏꯕꯗꯤ ꯆꯥꯎꯈꯠꯍꯟꯅꯕ ꯊꯧꯗꯥꯡ ꯂꯧꯃꯤꯟꯅꯁꯤ꯫ ꯍꯧꯖꯤꯛ
ꯁ꯭ꯇꯦꯠ ꯑꯁꯤꯒꯤ ꯃꯍꯩꯁꯪꯁꯤꯡꯗ ꯃꯅꯤꯄꯨꯔꯤ ꯂꯣꯜ (ꯃꯤꯇꯩ ꯃꯌꯦꯛ) ꯇꯝꯕꯤꯕ ꯍꯧꯔꯦ꯫ ꯄꯨꯝꯅꯃꯛ ꯑꯁꯤ ꯃꯃꯥꯂꯣꯜ ꯑꯃꯁꯨꯡ ꯂꯝꯗꯝ’ꯁꯤꯒꯤ ꯐꯥꯎꯅ ꯂꯣꯜꯕꯨ ꯅꯨꯡꯁꯤꯖꯕ ꯀꯌꯥꯒꯤ ꯍꯣꯠꯅꯖꯃꯟꯅꯤ꯫ ꯑꯁꯨꯝꯅ ꯈꯨꯝꯃꯥꯡ ꯆꯥꯎꯁꯤꯜꯂꯛꯂꯕ ꯑꯁꯤꯗ ꯍꯦꯟꯅ ꯍꯥꯞꯄꯒꯤ ꯃꯍꯨꯠ ꯆꯌꯦꯠꯅꯕ ꯊꯣꯛꯍꯟꯅꯕ ꯍꯣꯠꯅꯕ ꯈꯛ ꯂꯩꯍꯜꯂꯣꯏꯁꯤ꯫

ꯍꯨꯏꯌꯦꯟ ꯂꯥꯟꯄꯥꯎ

...ꯑꯦꯗꯤꯇꯔꯗ ꯊꯥꯔꯛꯄ ꯆꯤꯊꯤ...

ꯑꯦꯁ ꯁꯨꯃꯪꯒꯣꯜ ꯁꯤꯡꯍ
KVK(Krishivigyan Kendra Thoubal)
ꯃꯤꯔꯣꯜꯅ, ꯏꯔꯣꯜ ꯑꯣꯏꯈ꯭ꯔꯕꯗ
ꯏꯀꯥꯏ ꯈꯨꯝꯅꯖꯔꯤꯕ ꯑꯦꯗꯤꯇꯔ,
ꯃꯤꯌꯥꯟꯒꯤ ꯂꯥꯏꯅꯤꯡ ꯂꯤꯆꯠꯄꯨ ꯃꯤꯇꯩ
ꯑꯩꯈꯣꯏꯅ ꯂꯧꯔꯨꯕꯗꯒꯤ ꯑꯩꯈꯣꯏꯒꯤ ꯐꯨꯔꯨꯞ ꯑꯁꯤꯗ
ꯑꯍꯣꯡꯕ ꯀꯌꯥ ꯑꯃ ꯂꯥꯛꯈ꯭ꯔꯦ꯫ ꯑꯍꯣꯡꯕꯁꯤ
ꯑꯩꯈꯣꯏꯒꯤ ꯆꯥꯎꯈꯠꯄ ꯃꯥꯏꯀꯩꯔꯣꯝꯗ ꯄꯨꯔ-
ꯛꯄ ꯑꯍꯣꯡꯕꯗꯤ ꯅꯠꯇꯦ ꯑꯩꯈꯣꯏꯒꯤ ꯃꯥꯡꯅꯕ
ꯔꯣꯝꯗꯅ ꯃꯁꯤꯡ ꯍꯦꯜꯂꯤ꯫

ꯑꯩꯈꯣꯏꯅ ꯉꯥꯡꯉꯤꯕ ꯏꯔꯣꯜ, ꯆꯠꯂꯤꯕ
ꯂꯥꯏꯅꯤꯡ ꯂꯤꯆꯠ, ꯁꯤꯖꯤꯟꯅꯔꯤꯕ ꯃꯌꯦꯛꯅ
ꯆꯤꯡꯅꯕ ꯀꯌꯥ ꯑꯁꯤꯗ ꯑꯩꯈꯣꯏ ꯃꯤꯒꯤ ꯃꯤꯈꯥ
ꯄꯣꯜꯂꯕꯅꯤ꯫ ꯃꯤꯈꯥ ꯄꯣꯟꯕ ꯐꯨꯔꯨꯞ ꯑꯃ ꯍꯥ-
ꯏꯕꯗꯨ ꯑꯣꯏꯔꯤ꯫ ꯂꯥꯏꯅꯤꯡ ꯂꯤꯆꯠꯇ ‘ꯕꯦꯡꯒ-
ꯣꯂꯤ’ ‘ꯁꯪꯁꯀ꯭ꯔꯤꯠ’ ꯍꯥꯏꯕꯁꯤꯅ ꯃꯍꯨꯠ ꯁꯤꯠꯂꯤ,
ꯑꯗꯨꯒ ꯑꯩꯈꯣꯏꯅ ꯍꯧꯖꯤꯛ ꯍꯧꯖꯤꯛ ꯉꯥꯡꯅꯔꯤꯕ
ꯂꯣꯜꯁꯤꯡꯁꯤꯗꯅ ꯕꯦꯡꯒꯣꯜꯤ ꯃꯔꯣꯜ ꯉꯥꯛꯇ
ꯉꯥꯏꯁꯤꯜꯂꯛꯂꯦ꯫ ꯃꯁꯤ ꯑꯩꯈꯣꯏꯅ ꯃꯇꯝ ꯆꯥꯅ
ꯆꯨꯝꯊꯣꯛꯍꯧꯗ꯭ꯔꯕꯗꯤ ꯑꯩꯈꯣꯏꯒꯤ ꯌꯥꯝꯅ ꯅꯤꯡ-
ꯉꯝꯗꯕ ꯃꯥꯡꯖꯕ ꯑꯃ ꯑꯣꯏꯔꯛꯂꯒꯅꯤ꯫ ꯁꯝꯅ
ꯈꯔꯗ ꯄꯟꯖꯔꯕꯗ ꯚꯥꯏ, ꯃꯥ-ꯃꯥ, ꯀꯥ-ꯀꯥ, ꯈꯨꯔꯥ,
ꯑꯇꯩ-ꯑꯇꯩ ꯃꯌꯥꯝ ꯑꯃ ꯂꯩꯈ꯭ꯔꯦ꯫ ꯌꯥꯝꯕꯨꯡ ꯍꯥꯏ-
ꯔꯤꯕ ꯋꯥꯍꯩ ꯑꯁꯤꯒꯤ ꯃꯍꯨꯠ ꯗꯗꯥ ꯍꯥꯏꯅ ꯀꯧꯈ꯭-
ꯔꯕꯅ ꯏꯆꯦ, ꯏꯆꯜ, ꯍꯥꯏꯔꯤꯕ ꯋꯥꯍꯩ ꯑꯁꯤꯁꯨ
ꯕꯦꯡꯒꯣꯜ ꯃꯔꯣꯜꯗ ꯗꯤꯗꯤ, ꯕꯣꯏ ꯍꯥꯏꯅ ꯀꯧ-
ꯔꯁꯤ꯫ ꯃꯁꯤꯗ ꯃꯤꯌꯥꯝꯅ ꯌꯥꯕꯤꯅꯤꯡꯕꯔ? ꯏꯅꯧ
ꯅꯧꯅ ꯋꯥꯍꯩ ꯑꯃꯒ ꯑꯃꯨꯛ ꯌꯥꯝꯅ ꯀꯟꯅ ꯆꯠꯅꯈ-
ꯠꯂꯛꯏ ꯃꯗꯨꯗꯤ ꯏꯇꯩꯃ ꯍꯥꯏꯕꯒꯤ ꯃꯍꯨꯠ ‘ꯚꯥꯕꯤ’
ꯍꯥꯏꯅ ꯋꯥꯍꯩ ꯑꯁꯤꯁꯨ ꯑꯃꯅꯤ꯫ ꯃꯁꯤ ꯑꯌꯥꯝꯕ
ꯄꯩꯁꯥ ꯅꯨꯡꯁꯥ ꯈꯔ ꯄꯥꯏꯕ ꯏꯃꯨꯡꯒꯤ ꯃꯧꯁꯤꯡꯗ
ꯂꯥꯛꯂꯤꯕ ꯃꯤꯑꯣꯏꯁꯤꯡꯗꯨꯅ ‘ꯚꯥꯕꯤ’ ꯍꯥꯏꯅ ꯀꯧꯏ
ꯃꯗꯨꯗ ‘ꯚꯥꯕꯤ’ ꯅ ꯌꯥꯝꯅ ꯃꯊ꯭ꯋꯥꯏ ꯂꯨꯞꯅ ꯍꯔꯥꯎ-
ꯖꯩ, ꯏꯇꯩꯃ ꯍꯥꯏꯕ ꯐꯖꯈ꯭ꯔꯕ ꯃꯤꯇꯩꯂꯣꯜ ꯑꯁꯤꯅ
ꯀꯧꯔꯨꯕꯗꯨꯅ ꯋꯥ-ꯈꯪꯗꯕ ꯊꯧꯒꯜꯂꯣꯟ ꯈꯪꯗꯕ ꯃꯤ
ꯑꯃꯒꯨꯝꯅ ꯎꯕꯤ꯫ ꯏꯔꯣꯜ ꯑꯁꯤꯗ ꯅꯣꯡꯃ ꯅꯣ-
ꯡꯃꯒꯤ ꯃꯤꯌꯥꯟꯒꯤ ꯂꯣꯜ ꯍꯥꯏꯕꯗꯤ ꯂꯣꯜꯌꯥꯟ \
ꯥꯎꯕꯒꯤ ꯃꯁꯤꯡ ꯑꯁꯨꯝ ꯍꯦꯟꯒꯠꯂꯛꯂꯤ꯫ ꯀꯅꯥ
ꯀꯅꯥꯒꯨꯝꯕ ꯃꯤꯑꯣꯏ ꯈꯔꯅ ꯌꯥꯝꯕꯨꯡ ꯍꯥꯏꯕ ꯋꯥꯍꯩ
ꯑꯁꯤꯗꯤ ꯅꯤꯡꯊꯧꯒꯤ ꯃꯆꯥ ꯃꯁꯨꯁꯤꯡꯗ ꯀꯧꯅꯒꯗꯧꯕꯅꯤ
ꯍꯥꯏꯗꯨꯅ ꯃꯤꯇꯩ ꯑꯩꯈꯣꯏꯅ ꯑꯔꯥꯟꯕ ꯋꯥꯀꯜ ꯑꯃꯔꯣꯝꯗ
ꯄꯨꯍꯜꯂꯦ꯫ ꯃꯗꯨ ꯅꯠꯇꯦ ꯋꯥꯍꯩ ꯑꯁꯤ ꯃꯤꯇꯩꯂꯣꯜꯅꯤ
ꯃꯤꯇꯩ ꯐꯨꯔꯨꯞꯅ ꯗꯥꯗꯥꯒꯤ ꯃꯍꯨꯠ ꯌꯥꯝꯕꯨꯡ ꯍꯥꯏꯟ ꯀꯧ- ꯕꯤꯒꯗꯧꯕꯅꯤ꯫ ꯗꯗꯥ ꯍꯥꯏꯕ ꯋꯥꯍꯩ ꯑꯁꯤ ꯕꯦꯡꯒꯣꯂꯤ
ꯃꯔꯣꯜꯅꯤ ꯍꯥꯏꯕꯁꯤ ꯀꯥꯎꯊꯣꯛꯄꯤꯔꯣꯏꯗꯧꯕꯅꯤ꯫
ꯃꯇꯥꯡ ꯑꯁꯤꯗ ꯅꯤꯡꯊꯧꯒꯤ ꯋꯥ ꯄꯨꯁꯤꯜꯂꯛꯂꯕꯗꯤ
ꯃꯤꯇꯩ ꯍꯥꯏꯕ ꯐꯨꯔꯨꯞ ꯑꯁꯤ ꯁꯂꯥꯏ ꯇꯔꯦꯠ (7) ꯂꯩ, \

ꯦꯛ ꯈꯨꯗꯤꯡꯒꯤ ꯅꯤꯡꯊꯧ ꯄꯥꯟꯖꯔꯝꯃꯤ ꯑꯩꯈꯣꯏ ꯅꯤꯡ- ꯊꯧꯒꯤ ꯃꯆꯥ-ꯃꯁꯨ ꯉꯥꯛꯇꯅꯤ ꯃꯁꯤꯗ ꯆꯤꯡꯅꯅꯤꯡꯉ- ꯥꯏ ꯂꯩꯇꯦ ꯑꯩꯈꯣꯏꯒꯤ ꯋꯥꯉꯨꯂꯣꯜ, ꯄꯪꯂꯩꯔꯣꯜ ꯂꯩꯔꯤ ꯃꯗꯨꯅ
ꯇꯥꯛꯆꯕꯅꯤ꯫

ꯃꯇꯝꯒꯤ ꯌꯥꯑꯣꯜ ꯃꯇꯨꯡꯏꯟꯅ ꯍꯧꯖꯤꯛꯇꯤ
ꯂꯥꯏꯔꯤꯛ ꯂꯥꯏꯁꯨ ꯍꯩꯕꯅ ꯃꯁꯤꯡ ꯌꯥꯝꯃꯦ, ꯂꯥꯏꯔꯤꯛ
ꯂꯥꯏꯁꯨ ꯍꯩꯔꯕ ꯃꯆꯥ-ꯃꯁꯨ ꯑꯣꯏꯔꯤꯕ ꯑꯩꯈꯣꯏꯅ ꯇꯥ- ꯛꯄꯤꯒꯗꯧꯕꯅꯤ ꯑꯩꯈꯣꯏꯅ ꯆꯠꯂꯨꯔꯤꯕ ꯂꯥꯏꯅꯤꯡ
ꯑꯋꯥꯏꯕꯅꯤ ꯃꯤꯒꯤꯅꯤ ꯍꯥꯏꯕꯁꯤ ꯏꯪꯅ ꯆꯤꯛꯅ ꯋꯥꯀꯜ
ꯂꯩꯇꯥꯅ ꯇꯥꯛꯄꯤ ꯇꯝꯕꯤꯒꯗꯧꯕꯅꯤ꯫ ꯏꯁꯨꯡ ꯏꯃꯥꯟꯅꯕ
ꯃꯤꯌꯥꯟ ꯃꯆꯥ ꯇꯤꯟꯅ ꯇꯣꯠꯅꯔꯛꯄꯗ ꯑꯩꯈꯣꯏꯒꯤ
ꯂꯥꯏꯅꯤꯡ ꯂꯤꯆꯠ-ꯅꯥꯠ ꯑꯁꯤꯅꯆꯤꯡꯕꯒꯤ ꯃꯔꯝ
ꯍꯪꯅꯔꯛꯄꯗ ꯑꯩꯈꯣꯏꯅ ꯃꯤꯒꯤ ꯑꯋꯥꯏꯕ ꯂꯥꯏꯅꯤꯡꯗ- ꯨꯕꯨ ꯑꯩꯈꯣꯏꯒꯤꯅꯤ ꯍꯥꯏꯔꯨꯕ ꯌꯥꯔꯣꯏ꯫

ꯑꯩꯈꯣꯏꯒꯤ ꯏꯔꯣꯜꯗ ꯂꯩꯅ-ꯂꯩꯅ ꯃꯤꯒꯤ ꯃꯔꯣꯜꯗ
ꯑꯁꯨꯝ ꯁꯤꯖꯤꯟꯅꯕ ꯍꯥꯏꯕꯁꯤ ꯑꯩꯈꯣꯏꯒꯤ ꯌꯥꯝꯅ
ꯂꯥꯟꯕꯅꯤ, ꯏꯀꯥꯏꯅꯤꯡꯉꯥꯏꯅꯤ꯫ ꯃꯔꯝꯗꯤ ꯂꯣꯜ ꯍꯥ- ꯏꯕꯁꯤ ꯁꯤꯖꯤꯟꯅꯈꯤꯗ꯭ꯔꯕꯗꯤ ꯀꯥꯎꯈꯤꯅꯤ, ꯃꯤꯔꯣꯜ
ꯑꯅꯤ-ꯑꯍꯨꯝꯒꯤ ꯇꯨꯡꯗꯗꯤ ꯃꯁꯥꯅ ꯃꯥꯡꯖꯈꯤꯕ ꯇꯥꯕꯅꯤ
ꯑꯗꯨꯅ ꯍꯧꯔꯛꯂꯤꯕ ꯇꯨꯡꯒꯤ ꯃꯤꯔꯣꯜꯒꯤ ꯈꯜꯂꯒ
ꯑꯩꯈꯣꯏ ꯏꯃꯥꯂꯣꯜ ꯑꯁꯤ ꯌꯥꯔꯤꯕ ꯃꯈꯩ ꯋꯥ ꯉꯥꯡꯕꯗ
ꯑꯣꯏꯔꯣ ꯏꯕꯤꯕꯗ ꯑꯣꯏꯔꯣ ꯁꯤꯖꯤꯟꯅꯒꯗꯧꯕꯅꯤ꯫
ꯂꯩꯇꯕ ꯄꯣꯠ ꯑꯃꯗꯤ ꯋꯥꯏꯁꯤ ꯁꯤꯖꯤꯟꯅꯁꯤ ꯃꯗꯨꯗ
ꯑꯀꯥꯏꯕ ꯀꯔꯤꯁꯨ ꯂꯩꯇꯦ꯫ ꯑꯩꯈꯣꯏ ꯂꯣꯜꯌꯥꯟ ꯍꯥ-
ꯏꯕꯁꯤ ꯌꯥꯔꯤꯕꯃꯈꯩ ꯊꯥꯗꯣꯛꯂꯁꯤ ꯂꯥꯞꯅ ꯂꯪꯊꯣꯛꯈ꯭-
ꯔꯁꯤ꯫

ꯑꯗꯣꯝꯒꯤ, ꯇꯈꯦꯜꯂꯝꯕꯝ ꯏꯕꯣꯍꯜ (ꯃꯣꯃꯣꯆꯥ)
ꯕꯥꯕꯨꯄꯔꯥ, ꯏꯝꯐꯥꯜ-ꯃꯅꯤꯄꯨꯔ꯫

ꯏꯟꯗꯤꯌꯥꯗ ‘ꯒ꯭ꯔꯤꯗ-ꯀꯅꯦꯛꯇꯦꯗ ꯔꯤꯅꯨꯑꯦꯕꯜ ꯏꯅꯔꯖꯤ’ꯒꯤ ꯆꯥꯎꯈꯠ-ꯈꯣꯡꯊꯥꯡ ꯑꯃꯁꯨꯡ ꯄꯨꯔꯛꯄ ꯌꯥꯕ ꯆꯥꯎꯈꯠꯄ (ꯃꯦꯒꯥꯋꯥꯠꯅ ꯑꯣꯟꯕ)
ꯔꯤꯁꯣꯔꯁ ꯇꯥꯜꯂꯤꯕ
ꯄꯥꯟꯗꯝ
9ꯁꯨꯕ ꯄ꯭ꯂꯥꯟ
(ꯍꯦꯟꯅ ꯐꯪꯈꯤꯕ) 10 ꯁꯨꯕ ꯄ꯭ꯂꯥꯟ
(ꯑꯦꯗꯤꯁꯟ)
11ꯁꯨꯕ ꯄ꯭ꯂꯥꯟ
(ꯑꯦꯗꯤꯁꯟ)
12 ꯁꯨꯕ ꯄ꯭ꯂꯥꯟ
(ꯑꯦꯗꯤꯁꯟ)
ꯖꯅꯨꯋꯥꯔꯤ 2014
(ꯍꯦꯟꯒꯠꯅ ꯐꯪꯈꯤꯕ)
13ꯁꯨꯕ ꯄ꯭ꯂꯥꯟ
(ꯐꯪꯅꯕ ꯄꯥꯟꯗꯝꯂꯤꯕ)
ꯋꯤꯟꯗ ꯄꯋꯥꯔ
ꯑꯄꯤꯛꯄ
102,500 1628 5,464 10,260 1965 20298.83 40,000
ꯍꯥꯏꯗꯣ ꯄꯋꯥꯔ
ꯕꯥꯏꯑꯣꯃꯥꯁ
19,750 1434 542 1419 276 3774.15 6,600
ꯄꯋꯥꯔ 23,700 389 795 2021 467 3798.48 7,500
ꯁꯣꯂꯥꯔ ꯄꯋꯥꯔ 20-30 2 1 938 828 2208.36 20,000
ꯋꯦꯁꯠ ꯇꯨ
ꯏꯅꯔꯖꯤ
2,700 - 15 74 7 99.08 -

ꯑꯄꯨꯟꯕ 168950 3453 6817 14712 3548 30178.90 74,000
KOjG: fDjwFg, 2013: ‘Three Decades of Renewables in India’, contd. Source : Akshay Urja, 6(5&6):10-17