

=ba][fUM]i b 9gi X]UF



9gi X]UF ! 'I b]j Yfg]XUX

Dc`UMt < c`UbXAg
7\W]U Wma #7\W]U Wma `nUd]gJä'g]ö'bU'gi X]U' =_ 'nci 'a]^[fUU[]bgWf]'j Yb]b`Yb i b]j Yfg]h]h'
=bX]Wf`ei Y`ei]YfYg'a Uf]W`UfhY

7\W]U Wma #7\W]U Wma `nUd]gJä'g]ö'bU'SSSSSSSSS" =_ 'nci 'a]^[fUU[]bgWf]'j Yb]j ccf 'SSSSSSSSSSSSSS"
=bX]Wf`ei Y`ei]YfYg'a Uf]W`UfhY`Yb i bU'Ug][bUhi fU

gi X]U`]WbWUW]Y Yb`VUWYcfcd`Y]X]b[
H]dc`XY`a UfÉW`U

gi X]U'a U[]ghYfg_]Y Yb`dchg] fUXi UUh
H]dc`XY`a UfÉW`U

gi X]U'Xc`_rcfUbW_]Y Yb`XcMtfUUh
H]dc`XY`a UfÉW`U

gi X]U'Xn]YbbY Yb]j c`h]`Xg]'cd`Y]X]b[
H]dc`XY`a UfÉW`U

gi X]U'nUcWmbY Yb`XY'h]`Xg]'cd`Y]X]b[
H]dc`XY`a UfÉW`U

gi X]U'dfnYn`]bhYfbYh Yb`cb`]bYWfg g
H]dc`XY`a UfÉW`U

7\W]U Wma #7\W]U Wma `gi X]ck Uä`bU'DU gk U =_ 'nci '[fUU['UUb`i k `i b]j Yfg]h]h]ghi XYfYb]j ccf
i WY`b`]dfnYn`SSSSSSSSSSS"
SSSSSSSSSSSS"
=bX]Wf`U`Xi fUM]i b`XY`hi `dYf]cXc`XY`]bhYfWä V]c

fYXYbE`gYa Ygf Yb`gYa YghYf
8 i fUM]i b`XY`U`Yg]ubV]U`Yb`U`i b]j Yfg]XUX`XY`XYg]bc

W]mfc`_`U`UXYa]W] Yb`UMXYa]gW`'Uf
8 i fUM]i b`XY`U`Yg]ubV]U`Yb`U`i b]j Yfg]XUX`XY`XYg]bc

>U_]Y`gä`c[fUb]WYb]U`k `Xcghöd]Y`Xc`nUfi Xb]Yb]U K Uhin]'b`XY`VYdYf_]b[Yb]j ccf 'hYk Yf`gY`]b[]j ccf
X`U`gi XYb]i k 3 gi XYb]b3
=bZcfa UfhY`XY`Ug`fYgf]W]cbYg`UwcfU`Yg`dUfU`Ygi X]UbhYg

=ba][fUM]i b 9gi X]Uf



7 nma i gnō'XcghUfVnā'cfm]]bU'by'Xc_i a YbhmVtm
k ngUfVā'_cd]Y3

A cYh]_ 'XY'_cd]YCb'cZXY'cf][]bY'Y'XcW'a YbHb'n'YZ
]bX]YbYb3

DfY[i bhUf'g]]YbYgei Y'dfYgYbhUf'XcW'a Ybhcg'cf][]bU'Ygc'Zch'Wtd]Ug

>U_]Y'gá'k Ufi b_] 'dfnmōV]U'bU'i WY'b]ō3

K Uhn]'b'XY'hcYU]b[]g ccfk UfXYb'j Ub'XY'i b]j Yf]g]H]h3

DUFU'U'gc']V]h X'XY'UW]gc'U'U'i b]j Yf]g]XUX

7 nmichfnā Ua ']ghin'Zcfa U'bna' dclt]YfXnYb]Ya
dfnmōV]U'bU'i WY'b]ō3

NU_]_ 'Yb'Zcfa Y'Y'hcYU]b['cb] Ub[Yb3

DfY[i bhUf'g]]fYV]f]g]i bU'W]fU'XY'UW]d]U]i b

7 nmii WY'b]U'nUdYk b]U'nU_k UYfck Ub]Y3

J ccfn]YhXY'i b]j Yf]g]H]hcc_'UW]a a cXU]Y3

DfY[i bhUf'g] 'U'i b]j Yf]g]XUX'dfcdcfV]cbU'U'c'Ua]Ybhc

7 nmidfc[fUa 'gi X]i k 'dfnYk]Xi 'Y'dfU_hm]
gi XYbW]Y3

6Y UhiXYWf]g gcc_'Yb'g]U[YdYf]cXY3

DfY[i bhUf'g]]h' d'Ub'XY'Ygi X]cg'V]bhYa d'U'dYf]cXcg'XY'df'W]W]g]dfcZY]g]cbU'Yg

7 nm'U_c'gi XYbhibU'k mā]Ub]Y'a i gnō'd U]ā'nU
gi X]U3

N]]b'Yf'gi X]Y_c]g]Yb'j ccf'i]Hk]gg]'b[]g]h XYbHb'UUb'i k
i b]j Yf]g]H]h3

DfY[i bhUf'g]]h]YbYgei Y'dU[Uf'U'a UfÉ'W'U'Yb'U'i b]j Yf]g]XUX'XY'XYg]bc

K 'U_] 'gdc] V'a c['ō'bUV]Y āVt' 'YXn]ā'dfcWg
fY_fi hU]3

< cY'_Ub_]_ 'XY'j ccfi]H[Ub[] Ub'a]'b'U]ba YX]b[gdfcWg
WY_]'^_Yb3

=bZcfa UfY'XY'W'a c'V]bg] 'hUf'Y'YghU'Xc'XY'hi 'gc']V]h X

>U_]Y'k mā U[]Ub]U'ōnm_ck Y'a i gnō'gdY b]ā3

K Uhn]'b'XY'OU'OU'j Yf]g]Yb3

=bZcfa UfY'XY' b]j Y'XY'X]ca U'bW]g]U]c'dUfU'gYf'UW]d]U'Xc'Yb'U'i b]j Yf]g]XUX

>U_'Xn]U'U'g]hYa 'SSSSSS'3

< cY'k Yf'_h\ YhSSSSSSSSSSSS'gng]Y'a 3

DYX]f']bZcfa U]i b'gc'VfY'Y'g]g]hYa U

di b_hck m

VfYX]hng]hYa

H]dc'XY'g]g]hYa U

cWb]Ub]U

WccfXY]b[]gng]hYa

H]dc'XY'g]g]hYa U

=ba][fUM]i b 9gi X]Uf



7nmXcghubō'k m_Uh'cWb']'nU]VWY 'dc'nU_c WYb]i
k na]Ubm]gh XYbW_]Y'3

? f]1[]_ Yb'UMXYa]gW'UZgWf]Zncd\`YhY]bXY'j Ub'a]'b
i]hk]ggY]b[3

DfY[i b]Uf'g] fYVW]f]gi bU'Vtd]U'XY'hi 'Yi dYX]Yb]h'UMXÅa]Vt'U'Z]bU'XY''U'Yg]Ub]V]U

7\W]U Vna #7 \W]U Uvna 'Xck]YXn]Yā'g]ō'k]ōW'^c
a YrcXUW'bu W]Ub]U'

K Y_Y''Yfa Yh'cXYb'k cfXYb'Yf' [Wfi]_h3

DYX]f']bZcfa UW]i b'gcVfY'Y'Yg]`c'XY'Ybg]Y' UbnU

7nmibU'i WY'b]'dfck U'XncbY'gá SSSSSSSSSSSSS'3

N]b'Yf' SSSSSSSSSSSSS'3

DYX]f']bZcfa UW]i b'gcVfY'Y'Yg]`c'XY'Ybg]Y' UbnU

k m_ Uxm

`Yn]b[Yb

H]dc'XY'WUg]Y

āk]WYb]U#]Ya]bUf]U

g]Ya]bUf]g

H]dc'XY'WUg]Y

_cbg] `hUWY

hi hcf]Ug

H]dc'XY'WUg]Y

_cbZfYbWY

WtbZfYb]Yg

H]dc'XY'WUg]Y

>U_]Y'_i fginbU'Xi 'ā'g]ō'k 'cZfV]Y'gn_c m`Yhb]Y'3

K Y_Y'Wf]g gg]Yb'V]YXYb'XY'g a a Yf'g]Wcc`g]UUb3

DfY[i b]Uf'dcf''U'cZf]h]U'XY'W'f]g]c]XY''U'Yg]WY'U'XY'j Yf]Ubc

?]YXmcXVnk U'ā'g]ō'Y[nLa]bn3

K UbbYf'k cfXYb'XY'Yi La Ybg] [Y'ci XYb3

DfY[i b]Uf'dcf'Y'dYf]cXc'XY'Yi 1/2a YbYg

; Xn]Y'a c[ō'n]bU'Y ā']bZcfa UWY'bU'hYa Uh

K Uuf'_Ub_]]bZcfa Uh]Y'cj Yf'U''Y'VYgW_]VUFY'Wf]g gg]Yb
j]bXYb3

k gnm]h_]W'Xcghōdbn]W'dfnYXa]ch] k 3

DfY[i b]Uf'X] bXY'Wtb]g]Y[i]f']bZcfa UW]i b'gcVfY''Ug]Ug][b]hi f]Ug

7nmibU'i WY'b]'Yg]U_UXYa]W_]Y'Wb]fi a 'g]dcf]rck Y3

< YZhiXY'i b]j Yf]g]h]h]Yb'g]dcf]h]Wb]fi a 3

DfY[i b]Uf'g]''U'i b]j Yf]g]XUX'W'Yb]h]U'Wtb']b]g]h]U]W]cb]Yg]XY'dcf]h]j Ug

>U_'a c[ō'ncg]h]ā'W]cb_]Ya 'cf[Ub]nUW]

< cY'_Ub_] 'hch]Yb'g]i XYb]h]Yb] Yf]Yb][]b['hcYf]YXYb3

gi XYbW_]W]3

DfY[i b]Uf'W]a c'i b]f]g]Y'U''Ug]Ug]c]V]U]cb]Yg]XY'Yg]i X]Ub]h]Yg

=ba][fUM]i b 9gi X]UF



=Y'k nbcg] gnUW/b_ck m_cgnhi hfnna Ub]U'k 'ObUnk U
a]Ug]U3

K Uhin]b'XY'[Yg]WUHY' _cg]Yb]j ccf ``Yj YbgcbXYF\ci X]b
Q]UX3

DYX]f]bZcfa U]i b'gcVfY'Y' VtghY'XY''Uj]XUYb''U]V]i XUX

9gi X]UF ! '7i fgcg]XY']X]ca Ug

Dc`UMt

< c`UbXAg

>U_]W'`onm_i k 'a c[o'g]o'i Vna'k 'DU g]k Ugn_c`Y3

K Y_Y]U]Yb'_Ub_]_gi XYfYb'Uub'i k 'g]Wcc`3

=bZcfa UfY'XY''cg]X]ca Ugei Y'gy'di YXYb'Ygi X]UF'Yb'Y' Wb]fc

7 nmidfnYdfck UXnU'a'DU g]k c' hYghgdfuk XnU'a'Vth
nbU'ca c 'a'`onm_U3

=gYf'Yb'd'UUh]b[g]cYf]j ccf 'a]'b'b]j YU' h'Y'VdU]Yb3

DfY[i b]Uf'g] Y]]ghYb'dfi YVUg]XY'b]j Y'

7 nma c[o'dfnYb]Y a'g]o'bU'_i fg'c]bbna 'dcn]ca]Yz
Y ']'hYb'zBU'_h' fmi VtognVtLa z'b]Y'YghX'U'a b]Y
cXdck]YXb]3

? Ub_]_bc['c] YfgWU_Y]Yb'bUUF'Yb'UbXYf'b]j YU' U'g]\Yh
\i]X][Yb]j YU' b]Yh\Yh'i]ghY']g3

DfY[i b]Uf'g] Yg'dcg]V'Y'Wla V]UfgY'XY'b]j Y' Yb'W]gc'XY'bc'YghUf'Vt'bh]b]c

7 nma U'a'DU g]k c'gnW]Y[i ck micd]g'_i fg] 3

< YZhi'Yb'[YX]U]j'`YfXY'VYgWf]j]b[j Ub'XY'Wfg] g3

DfY[i b]Uf'g] Y]]ghYb'XYg]V]d]V]cbYg]XY]U'UXUg]XY''Ug]Ug][b]U'f]Ug

>U_`]W]bY'g]a[fi dn3

K U]h]g]\Yha U]a i a 'Uub]U'gi XYb]Yb'dYf'_Ug3

DfY[i b]Uf'dcf'Y' a 'z]a c'bOa Yfc'XY'Ygi X]Ub]h]g]Yb'VUXU'WUg]Y

7 nma c Y'a]'DUb#DUb]dck]YXn]Ya'k]oW'^c
XcXU]_ck ma 'k m]c]g]U Yb]i]'Xc]g]o'd]b]n]W
i Xc[cXb]Yb]UW'k 'DU g]k Ugn_c`Y3

K Uhin]b'XY'VYgW]_VUFY'ZUM]j]h]h]b]b'i k 'g]Wcc`3

DfY[i b]Uf'dcf''Ug]b]g]U]U]cbYg]XY' Wb]fc

7 nmign_c U'cf[Ub]ni 'Y'k m]V]W]i_]3

Cf[Ub]g]Yf'Yb'i '']Y'cc_'Y] Wf]g]Yg3

DfY[i b]Uf'g] Y' Wb]fc'cf[Ub]nU]Y] Wf]g]cbYg

>U_]Y'_i fg]na U'a'DU g]k c'k 'cZYf]W]3

K Y_Y'dfc[f]Ua a Uf]g]V]YX]Yb'i '']Y'Uub3

=bZcfa UfY'gcVfY''cg'dfc[f]Ua Ugei Y'gy'cZYf]U

9gi X]UF ! '6Y]Wg

Dc`UMt

< c`UbXAg

=ba][fUM]i b 9gi X]Uf



7\WU Vna #7\WU U Vna 'Xck]YXn]Yā'g]ō'k]ōW^c
a c `]k c WUW'c'f'fna Ub]U'k gdUWU]Z]bLbgck Y[c"
DYX]f]bZcfa U]i b'gcVfY'Z]bLbV]U]i b

=_ 'nci 'a]^[fUU]]bZcfa YfYb'cj Yf 'Vi fnYb"

; Xn]Y'a c[ō'i V]Y[Lā'g]ō'c'dca cWZ]bLbgck á3
DFY[i b]Uf'ei Á'cf[Ub]ga cg'di YXyb'Z]bLbV]Uf'hi g'Ygi X]cg

K Y_Y'cf[Ub]g]H]Yg_i bbYb'a]'b'gi X]YgZ]bLbV]Uf'Yb3

7\WU Vna #7\WU U Vna 'i V]Y[Lā'g]ō'c
SSSSSSSSSSSS"

=_ \W'bccX'Uub'Z]bLbV]U]Y'i `d]j ccf 'SSSSSSSSSSSS"

=bX]W]f'ei Y'bYWg]H]g]Uhi XU]Z]bLbV]UfU

dca cWk 'cd UWb]i 'WYgbY[c'#g]m]YbX]i a 'bU
cd UminU'gi X]U

]bgWf]j]b[g]YX

5ei Y`c'dUfU`c'ei Y'bYWg]H]g]Uhi XU]Z]bLbV]UfU

dca cWk 'cd UWb]i 'k nXU]_i k 'bU' n]WY

_cg]Yb]j ccf `Y] YbgcbXYf\ci X

5ei Y`c'dUfU`c'ei Y'bYWg]H]g]Uhi XU]Z]bLbV]UfU

dca cWZ]bLbgck á'nk]án]Uá'n'cd]Y_á'bUX
Xn]YW]Yā #Xn]Yāa]

_]bXYfcdj Ub[

5ei Y`c'dUfU`c'ei Y'bYWg]H]g]Uhi XU]Z]bLbV]UfU

7\WU Vna #7\WU U Vna 'Xck]YXn]Yā'g]ō'U_]Y
g]m]YbX]U'gá'Xcg]ōdbY"

K Y_Y'g'ccfH]b'gi X]YWi fnYb'n]'b'Yf 'VYgW]_VUf3

DYX]f]bZcfa U]i b'gcVfY'VWU]g

9gi X]Uf ! '7 cbj U]XUM]i b'XYH]i `cg]Yi HfUb'Yf'cg

Dc`UW

< c`UbXÁg

7\WU Vna #7\WU U Vna 'bcg]fm]Z]_ck Lā'a Ĩ ^Xn]d'ca
k 'U]h]k U_fU] Q

=_ 'nci '[fUU] 'a]'b'X]d'ca U] U]XYfYb']b'OUbXQ

=bX]W]f'ei Y'ei]YfYg]W]bj U]XUf'hi 'H]i `c'UW]XÁa]W]`Yb'Y`dU]g]XY'XYg]bc

7 n]ia U'á'DU g]k c`]g]ō'hi a W]m]d]f]n]g]ō[n]W
'ōnm_U]U]h]k U'ōnm_U]Q

< YZhi 'Yb`]'g]h] Ub'VYQ]X]Y]j Yf]U]Yf]g]j ccf `YhiOUUQ

DYX]f'i bU`]g]U]XY'f]U]i W]c]f]Yg]'f]U]Xcg]Yb'Y`Yb[i U]Y'W]ff]Yg]cbX]Yb]Y

; Xn]Y'a c[ō'Xcg]U]ā'n]U k]U]W]m]Yb]Y'c
f]i k bck U bc W]a c'Y[c'Xn]d'ca i 3

K U]f'_Ub]_ 'Yb[]Y'^_k U]f]X][\Y]Xg]H]Yg]h] Yf_f]'Yb3

DFY[i b]Uf'X]i bXY'W]bg]Y[i]f' i b'W]f]h]Z]W]U]Xc'XY'W]bj U]XUM]i b