

DfYg]XYbh'Hfi a d '8Yd`cmg'B Uh]cbU` ; i UfX
hc '@5 "ž'GdUf_]b['C i hfU[Y

DfYg]XYbh'Hfi a d 'XYd`cmYX'&ž\$\$\$'B Uh]cbU` ; i UfX'hfccdg']b
@cg'5b[Y`Yg'Ua]X'dfchYghg'U[U]bgh'⇒9'fU]Xgž'gh]ff]b[``Y[U`
UbX'dc`h]WU`XYVUhY"



@cg's b[Y`Ygž'7U`]Zcfb]Už'9ghUXcg'l b]Xcg'!`C b'† bY' - ž'&\$&) ž
DfYg]XYbh'8cbU`X'Hfi a d'a UXY`YUX`]bYg'Vm'XYd`cm]b[' &ž\$\$\$
a Ya VYfg'cZ'h\Y'B Uh]cbU` ; i UfX'hc '@cg'5b[Y`Yg'Ug'U'fYgdcbgY'hc
dfchYghg'U[U]bgh]a a][fUh]cb'fU]Xg'Vm'⇒9""H\]g'g][b]Z]WUbh'a cj Y
\Ug'fY][b]hYX`X]gW gg]cbg'UVci h'h\Y'Vci bXUf]Yg'cZdfYg]XYbh]U`
dck Yf'WcbWfb]b['h\Y'i gY'cZ'a]]hUfm'ZcfWg'cb'Xca Ygh]Wgc]"
@cWU`cZ]W]U'gž']bWi X]b['7U`]Zcfb]U` ; cj Yfbcf' ; Uj]b'BYk gca ž
\Uj Y'j c]WYX'ghfcb['cV'YWh]cbgž'ghUh]b['h\Uh'a]]hUfm]bhYfj Ybh]cb
]g'i bk UffUbhYX`]b'h\]g'gWbUf]c"

Hfi a d'† gh]ZYX`\]g'XYWg]cb'Vm]bj c_]b['U'fUfY`mi gYX'dfcj]g]cb
cZZYXYfU``Uk ž`\][\][\h]b['\]g'Ui h\cf]hm'hc'UWh'i bXYf
YI hfUcfX]bUfm]WfW a ghUbWg""H\]g'XYd`cma Ybh'a Uf_g'U`\]ghcf]WU`

a ca Ybhž'Ug]h]g'h\Y'Z]fgh]a Y'g]bW'%-*) 'h\Uh'U'dfYg]XYbh'\Ug
gYbh'hfccdg']bhc'U'ghUHY'k]h\ci'h'h\Y'ghUHY'[cjYfbcf'g'WcbgYbh"
5WcfX]b['hc' **→bZcVUY**ž'h\Y'BUh]cbU'; i UfX'WUb'hmd]WU`m'VY
UWh]j UhYX'Vm'Vch\ 'ghUHY'[cjYfbcf'g'UbX'h\Y'ZYXYfU`[cjYfba Ybh"
Hfi a d'g'UWh]cb'd'UW'g'\]a]b'Wca a UbX'cZ'h\Y'7U']Zcfb]U'BUh]cbU`
; i UfX'i bXYf'H]hY'%'cZ'h\Y'I "G"5fa YX':cfW'g'7cXY"

@cWU`'UbX'BUh]cbU`'6UW_`Ug\

; cjYfbcf'BYk gca '\Ug'Wf]h]W]nYX'h\Y'XYd`cma Ybh'Ug' di fdcgY`m
]bZUa a Uhcfmž']bg]gh]b['h\Uh'h]g`_]Y`m'hc'k c'fgYb'hYbg]cbg
U'fYUXmig]a a Yf]b[]b'h\Y'W]hm"BYk gca g'gYbh]a Ybh]g'YW'cYX'Vm
@cg'5b[Y'Yg'A Umc'f'?UfYb'6Uggž'k \c'U'gc'XYYa g'h\Y'a]']hUfm
dfYgYbW' i bbYW'ggUfm'H\Y'dfchYghg'k YfY'gdUf_YX'Vm'U'gYf]Yg'cZ
⇒9'cdYfUh]cbg']b'dfYXca]bUb'h'mi@Uh]bc'UfYUgž'k]h\ 'fYdcfhg'cZUh
'YUgh'(('UffYghg'cW'ff]b[]b'4 gh'cbY'XUm"5Wh]j]ghg'UbX
dfchYghYfg'\UX[Uh\YfYX'hc'W'U`Yb[Y'h\Y'hUWh]Wg'Ya d`cmYX'Vm
]a a][fUh]cb'YbZcfW'a Ybhž'k \]W']bWi XYX'a Yh\cXg'gi W'Ug
i g]b['hYUf'[Ug'hc'X]gdYfgY'W'ck Xg'UhhYa dh]b['hc'cVghfi Wh
XYhYbh]cbg"

@Y[U`YI dYfh'GhYj Y'J`UXYW`Zfca '**5D'BYk g**'bchYX'h\Uh'k \]Y
ZYXYfU`]n]b['h\Y'BUh]cbU`; i UfX'U`ck g'h\Y'dfYg]XYbh'hc'hU_Y
Wcbhfc'ž'hXcYg'bch[fUb'h'hYa 'Ui h\cf]hm'hc'Yb[U[Y']b'fci h]bY
'Uk'YbZcfW'a Ybh'UWh]cbgi b'Ygg'h\Y'→gi ffYWh]cb'5Wh]g']bj c_YX"
H\]g'UWh[]j Yg'h\Y'dfYg]XYbh'h\Y'dck Yf'hc'XYd`cmia]']hUfmZcfW'g
hc'fYgdc'bX'hc']bgi ffYWh]cbgž'Vi h]hg'\]ghcf]WU`Udd']WUh]cb'\Ug
VYYb'Wcbhfcj Yfg]U'ž'cZhYb`']b_YX'hc'dfchYWh]b['Wj]'f[\hg'Xi f]b[
hi a i 'hi ci g'h]a Yg"

9gWU`Uh]b['A]']hUfm'DfYgYbW'UbX
⇒a d`]WUh]cbg

H\Y'Hfi a d'UXa]b]ghfUh]cb'\Ug'VYYb'bc'ghfUb[Yf'hc'XYd`cm]b[
a]']hUfm'fYgci fW'g'Xca Ygh]WU`m'H\]g`UhYgh'Ubbci bW'a Ybh
fYZYWhg'U'Wcbh]bi YX'hfYbX']b'k \]W' Hfi a d'\Ug'VYYb'k]']b['hc
i gY'a]']hUfmZcfW'hc'ei Y`X]ggYbh'H\Y'BUh]cbU`; i UfX'g'fc'Y']b

gi ddcfh]b['⇒9'cdYfUh]cbgž'Ug'ci h']bYX']b'Hfi a d g'X]fYWh]j Yž
gi [[Yghg'h\Uh'h\Y'UXa]b]ghfUh]cb']g'bch'cb'm'U]a]b['hc'YbZcfW
]a a][fUh]cb'Uk g'a cfY'ghf]Wh'm'Vi h']g'U'gc'g\ck WUg]b['Ub
U[[fYgg]j Y'ghUbW'hck UfXg'di V']WdfchYghg"

5XX]b['Wca d'YI]hm'hc'h\Y'g]hi Uh]cbž'h\Y'VfcUXYf'WcbhYI h'cZ
a][fUh]cb'Zck g']b'A YI]Wc'\Ug'Wca Y'i bXYf'gWfi h]bm'Ug'k Y""
FYWbh']bW]XYbhgž']bWi X]b['h\Y'hfU[]WXYUh\ 'cZ'U'7i VUb'a][fUbhž
\Uj Y'fU]gYX'U'Ufa g'fY[UfX]b['h\Y']bWfYUg]b['a]]hUf]nUh]cb'cZ
]a a][fUh]cb'a UbU[Ya Ybh"5Wc'fX]b['hc'U'fYdcfh'Zfca ' : cfVYg
A YI]Wc'ž'U''Y[Uh]cbg'\Uj Y'gi fZUW'X'h\Uh'a]]hUfmidYfgcbbY''Z]fYX
i dcb'U'j Y\]WY'Zi ''cZ'a][fUbhgž'fYgi 'h]b['b'ZUhU'h]Yg'UbX
a i 'h]d'Y']b'f'f]Yg"H\]g']bW]XYbh'\Ug'XfUk b'h\Y'UhYbh]cb'cZj Uf]ci g
\i a Ub'f][\hg'cf[Ub]nUh]cbgž'Zi fh\Yf'fYj YU']b['h\Y'ZfUi [\h'bUhi fY
cZ'W ffYbhi "G"!A YI]Wc']a a][fUh]cb'dc']W]Yg'UbX'a]]hUfm
]bj c'j Ya Ybh"

K]h\ 'cj Yf'&, ž*\$'\$'a]]hUfmidYfgcbbY''bck 'ghUh]cbYX'U'cb['Vch\
h\Y'bcfh\Yfb'UbX'gci h\Yfb'VcfXYfgž'Ug'fYdcfhYXž'h\Y'g]hi Uh]cb']g
f]dY'Zcf'Wcbh]bi YX'gWfi h]bm"H\Y'B Uh]cbU''bgh]hi hY'cZ'A][fUh]cb
\Ug'bchYX'U'ghU[[Yf]b['bWfYUgY']b'h\Y'XYhYWh]cb'cZ
i bXcW'a YbhYX'a][fUbhgž'k]h\ 'bi a VYfg'hf]d']b['g]bW'&\$&\$ž
Zi fh\Yf'Wca d']WUh]b['h\Y''UbXgWUdY'Zcf'Vch\ 'dc']Wm'UbX
YbZcfW'a Ybh"

5g'h\Y'g]hi Uh]cb']b'@cg'5b[Y'Yg'i bZc'Xg'UbX'bUh]cbU'XYVUhYg
\YUh'i dž'fYg]XYbhg'UfY''Y'ZidcbXYf]b['h\Y']a d']WUh]cbg'cZ'k]Y'X]b[
a]]hUfmidck Yf'k]h\]b'W]hm''ja]hg"Gca Y'a Um'Uf[i Y'h\Uh'h\YfY g'U
VU'UbW'hc'VY'ghfi W'VYhk YYb'a U]bUh]b]b[''Uk'UbX'cfXYf'UbX
dfchYWh]b['Wj]''VYfh]Ygž'U'Wcbj YfgUh]cb'h\Uh']g'Vci bX'hc
Wcbh]bi Y'Ug'h\Y'Wci bhfm'bUj][UhYg'h\Y']bhYfgYWh]cb'cZ
]a a][fUh]cb'dc']Wm'UbX'a]]hUfmYbZcfW'a Ybh"

8YhU]'g	
C fh	@cg's b[Y'Ygž'7U']Zcfb]Už'9ghUXcg'i b]Xcg
E i Y''Yb	<ul style="list-style-type: none">• k k k "]bZcVUY"Wca• ZcfVYg"Wca "a l

8YhU]`g	
	• UdbYk_g"Wca

6Ygi W\Yb`G]Y`i bg`Ui Z.`a Y]b!k]Yb"bYh