GUfUgchU'7ci bhm'HU_Yg'6c`X'GhYd'hc HUW_`Y': `ccX]b['7cbWfbg'

GUfUgchU'7ci bhm'YghUV`]g\Yg'U'bYk 'Ghcfa k UhYf 8YdUfha Ybh'hc'UXXfYgg'ZccX]b['WcbWYfbg']b'D\]``]dd]'7fYY_ U\YUX'cZ\i ff]WUbY'qYUqcb"



GUfUgchU'7ci bhmž'I G5 ! GUfUgchU'7ci bhm']g'hU_]b['U'Vc`X'ghYdhc'hUW_`Y']hg'ghcfa k UhYf'WcbWYfbg"' \(\delta \) U'i bUb]a ci g'XYW]g]cbž'h\Y 7ci bhm'7ca a]gg]cbYfg'j chYX')!\(\delta \) WfYUhY'U'bYk 'XYdUfha Ybh XYX]\(\delta \) H\\ ghc'ghcfa k UhYf'a UbU[Ya Ybhž'gYdUfUh]b[']h'Zfca 'Di V`]W K cf_g"'H\]g'W\(\delta \) Y'Wca Yg'Ua]X']bWfYUg]b['Wf]h]\(\delta \) fY[UfX]b[h\\Y'Wci bhm g'\UbX`]b['cZ'ZccX]b[']ggi Ygž'dUfh]\(\delta \) 'Uf`m']b'h\\Y j i `bYfUV`Y'UfYU'cZ'D\]``]dd]'7fYY_"'H\\YgY'fYWYbh'XYj Y`cda Ybhg a Uf_'Ug]['b]Z]\(\delta \) 'Uj Y'ZY`h'h\\Uh'h\\Y]f'k cff]Yg'\Uj Y'VYYb'g]XY`]bYX''

H\Y'bYYX'Zcf'UWh]cb'\Ug'bYj Yf'VYYb'a cfY'dfYgg]b["'FYg]XYbhg\Uj Y'k]hbYggYX'h\Y'WfYY_'ZccX'h\fYY'h]a Yg'Xi f]b['\Ugh'mYUf gghcfa gž'WfYUh]b['U\Ufa]b[']g\UbXg'cZ'XYVf]gž'X]fhž'UbX'j Y[YhUh]cb"

9X'A UW?Ybn]Yž'U'`cWJ``fYg]XYbhž``Ua YbhYX'h\Uh'h\YgY']g`UbXg
V`cW_'k UhYf'Zck ž'fYbXYf]b['h\Y'WfYY_'bcb!bUj][UV`Y''K]h\
gYX]a Ybh'UWW a i `Uh]cb'k cfgYb]b['h\Y'g]hi Uh]cb'cj Yf'h\Y'mYUfgž
fYg]XYbhg'UfY'i bXYfghUbXUV`m'UbI]ci g'h\Uh'k]h\ci h']a a YX]UhY
XfYX[]b[ž'ZccX]b['k]```Wcbh]bi Y'hc'd`U[i Y'h\Y]f'\ca Yg''GUfUgchU
7ci bhm'\UX']b]h]U``m'd`UbbYX'Zcf'XfYX[]b['Vi h'k Ug']bZcfa YX'h\Uh
Ub'Ya Yf[YbWm'dYfa]h'fYei YghYX'Zfca 'h\Y'I "G'''5fa m'7cfdg'cZ
9b[]bYYfg'k Ug'XYYa YX']bWca d`YhY'UbX'gi VgYei Ybh`m
fYWUgg]Z]YXž'h\fi gh]b[']h']bhc'U'`Yb[h\m'fYj]Yk 'dfcWygg'''5g'U
fYgi `hž'h\Y'Wci bhm'Wci `X'YI dYf]YbWY'dfc'YWh'XY`Umg'cZ'i d'hc'Y][\h
a cbh\gž'ghfYhW\]b['VYmcbX'h\Y'Wfi W]U``\i ff]WUbY'gYUgcb'cZ'&\$&) ž
Ug'fYdcfhYX'Vm'A m'Gi bWcUgh"

HfUbgZcfa]b[GhcfakUhYfAUbU[YaYbh

±0``][\h'cZ'h\YgY'W\U``Yb[Ygž'h\Y'Zcfa Uh]cb'cZ'h\Y'Ghcfa k UhYf 8YdUfha Ybh']g'a YUbh'hc'ghfYUa `]bY'cdYfUh]cbg'UbX'Yb\UbW ZcW'g'cb'Wf]h]WU``]ggi Yg"'5g'dUfh'cZ'h\]g'fYghfi Whi f]b[ž'h\Y'Di V`]W K cf_g'8YdUfha Ybh'k]``bck 'VY'fYVfUbXYX'Ug'h\Y'HfUbgdcfhUh]cb 8YdUfha Ybh''@cWU```YUXYfgž']bWi X]b['7ci bhm'7ca a]gg]cbYf'Hca?b][\hž'\Uj Y'YI dfYggYX'Zfi ghfUh]cb'k]h\'dUgh'a UbU[Ya Ybh XYW]g]cbgž'`UVY`]b['h\Ya 'Ug'bY[`][YbWY'UbX'Ya d\Ug]n]b['h\Yi'fYbh'bYYX'Zcf'W\Ub[Y"

 $H\Y'Wcibhm']g'fc``]b['id']hg'g`YYj Ygž'UXXfYgg]b['bch'f'gh'h\Y XfYX[]b['Vih'U`gc'gW\YXi `YX'a U]bhYbUbW'UbX'Ya Yf[YbWm fYdU]fg'h\fci [\cih'h\Y'ghcfa k UhYf'gmghYa "'5XX]h]cbU` WcbhfUWhcfg'\Uj Y'VYYb'Vfci [\h'cb'VcUfX'hc'Ugg]gh'k]h\'hUg_g``]_Y X]hW\Y'I WUj Uh]cbg'UbX'XYVf]g'fYa cj U`ž'k \]W\'UfY'Wfi W]U`']b dfYdUf]b['h\Y'fY[]cb'Zcf'h\Y']a dYbX]b['\iff]WUbY'gYUgcb'' 7ci bhm'Di V`]WK cf_g'8]fYWhcf'GdYbW'f'5bXYfgcb'UW_bck `YX[YXh\Y'dYfa]hh]b['Vchh`YbYW_'Vi h'Uggi fYX'fYg]XYbhg'h\Uh'h\YfY']g'U d`Ub']b'd`UWYž'U`h\ci [\']h g'bck 'ghU``YX'Xi Y'hc'h\Y'`Yb[h\m'dYfa]h fYj]Yk''dfcWYgg''$

7ca a i b]hm'7cbWYfbg'UbX'FY[i `Uhcfm 7\U``Yb[Yg 8 Ygd]hY h\ Y 'Wci bhm g 'Y ZZcfhgž'h\ YfY 'fYa U]bg 'U 'ZYY`]b['Ua cb[fYg]XYbhg'h\ Uh'h\ Y]f 'WcbWYfbg'\ Uj Y 'VYYb cj Yf`cc_YX'i bh]` 'bck " K]h\ 'WcgY hc '%ž\$\$\$'\ca Yg 'ZccXYX'Xi f]b['Hfcd]WU` 'Ghcfa '8 YVVmž h\ Y 'ghU_Yg 'UfY ']b WfYX]V`m`\][\"'6f]b[]b['h\ Y 'dfc YWh']bhc 'U ghUb XUfX 'dYfa]h 'Udd`]WUh]cb 'dfc WYgg 'a YUbg'h\ Uh']h'a i gh 'U`gc WccfX]b UhY 'k]h\ 'h\ Y 'B Uh]cb U` 'A Uf]bY':]g\ Yf]Yg 'GYfj]WY 'Zcf dfchY WhY X 'gdY W]Ygž 'Z fh\ Yf 'Wca d`]WUh]b['Ub 'U`fY UXm' Wcbj c`i hY X Vi fY Ui WfUh]W`Ub XgWUdY" '5 g 'b chY X 'Vm': cl '%' 'B Yk gž '`cWU`g 'UfY Zfi ghfUhY X 'k]h\ 'h\ Y 'g`ck 'fYgdcbgYž 'ZYY`]b['h\ Y 'k Y][\ h'c Z'h\ Y dchY bh]U` 'ZccX]b['h\ Uh' Wci `X 'Ybgi Y ']Z']ggi Yg 'UfY 'b ch'fYgc`j YX gk]Zh`m"

Ghcfa k UhYf'a UbU[Ya Ybh']gb h'' gh'U'`cWU``WcbWYfb/]h'fYZYWhg VfcUXYf'WXU``Yb[Yg'ZUW]b['a i b]W]dU`]h]Yg'bUh]cbk]XY"'5WWcfX]b[hc'fYgYUfWX'Zfca 'h\Y'9D5 ž'U[]b[']bZfUghfi Whi fY'UbX'Zi bX]b[g\cfhZU``g'fYa U]b'g][b]Z]WUbh'\i fX`Yg'Zcf'ghcfa k UhYf a UbU[Ya Ybh'UWfcgg'h\Y'I "G"'A Ubm'a i b]W]dU`]h]Yg'fYdcfh ghfi Whi fU`']ggi Yg'h\Uh'YI UWYfVUhY'Z'ccX]b['dfcV'Ya gž'Ug fYdfYgYbhYX']b'U'&\$&\$'gi fj Ym']b]h]UhYX'Vm'h\Y'K UhYf 9bj]fcba Ybh': YXYfUh]cb'Ghcfa k UhYf' \(\delta \text{ph} \)hi hY"

5g'GUfUgchU'a cj Yg'Zcfk UfX'k]h\']hg'bYk 'XYdUfha Ybhž'h\YfY g'U `ch'f]X]b['cb']hg'gi WW'gg"'FYg]XYbhg'\cdY'h\]g'g\]Zh'k]``'UXXfYgg h\Y]f'WcbWYfbg'YZZYWh]j Y`mž'`YUX]b['hc'VYhhYf'a UbU[Ya Ybh'cZ k\Uh'\Ug'VYWca Y'U'Wf]h]WU`']ggi Y']b'h\Y]f'Wca a i b]hm''K]h\\iff]WUbY'gYUgcb''A gh'Ufci bX'h\Y'WcfbYfž'cbY'WUb'cb`m'\cdY'h\Uh h\YgY']b]h]Uh]j Yg'hU_Y'fcch'gk]Zh`m'UbX'm]Y`X'fYgi `hg'k\YfY'h\Ym UfY'bYYXYX'a cgh''

8 Y hU]`g	
Cfh	GUfUgchU'7cibhmž'IG5
EiY``Yb	• k k k "a mgi b Wc Ugh"Wc a
	• kkk "Zcl%' bYkg"Wca
	• k k k "YdU"[cj

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z. 'a Y]b!k]Yb "bYh