7 UhW 'h Y': i b.': fYY': g b['8 Um']b' HYI Ug H g'GUhi fXUm'

Cb' * bY' + ž' & \$ &) ž' HY I Ug' WY `Y V f U hY g': fY Y':]g \]b ['8 U mž U ``ck]b ['Ub [`Y fg' hc' Z]g \ k]h \ ci h' U ``] WY bg Y ž' d f ca ch]b [ci h X cc f' Zi b' Ub X' Wca a i b]hm' Y b [U [Ya Y b h'']



@UXm@U_Yž'HYI Ugž'I G5'!'5g'k Y'[YUf'i d'Zcf'U'XY'][\hZ]` k YY_YbX']b 'HYI Ugž'Ub['Yfg'UbX'bUhi fY'`cj Yfg'U`]_Y'UfY']b 'Zcf'U hfYUh'''H\]g'GUhi fXUmž'¾ bY'+ž'&\$&) ž'a Uf_g'h\Y'Ubbi U`'WY`YVfUh]cb cZ': fYY':]g\]b['8 Um'UWfcgg'h\Y'ghUhYž'Ub'Yj Ybh'XYg][bYX'hc'fYY`]b 'Vch\'gYUgcbYX'Z]g\Yfa Yb'UbX'h\cgY'hfm]b['h\Y]f'`i W_'Zcf'h\YZ]fgh'h]a Y'''H\Y'U]a ']g'WYUf.'a U_Y'Z]g\]b['UWWYgg]V`Y'hc'U``ž'k\]YY Ya d\Ug]n]b['h\Y']a dcfhUbW'cZYb'cm]b['ci f'VYUi h]Zi `'di V`]W k UhYfk Umg'''5W\cfX]b['hc'A]I'-'''%': A ž'cb'h\]g'gdYW]U`'XUmž UbmcbY'WUb'Z]g\'k]h\ci h'bYYX]b['U'`]WYbgYž'U'dYfZYWh'cddcfhi b]hm hc'WUgh'U'`]bY'k]h\'ZUa]`m'UbX'Zf]YbXg'k]h\ci h'h\Y'i gi U`fY[i `Uh]cbg'\Ub[]b['cj Yf'mci''

: fYY:]g\]b['8 Um']g'bch'1 gh'U'W\UbWY'hc'Z]g\'k]h\ci h'h\Y'i gi U`

`]WY bgY 'fYei]fYX 'Zcf'h\Y'ch\Yf'' * ('XUmg'cZ'h\Y'mYUf"' # g'Ub]b]h]Uh]j Y 'W\Ua d]cbYX 'Vm'h\Y'HYI Ug'DUf_g'UbX'K]`X`]ZY 8 YdUfha Ybh'fHDK 8 ŁŽYbWci fU[]b['ci hXccf'UWh]j]h]Yg'h\Uh'\Y`d Zcf[Y'VcbXg'VYhk YYb 'ZUa]`m'a Ya VYfg'UbX'Zf]YbXg'k \]`Y ZcghYf]b['U'fYgdYWh'Zcf'bUhi fY"'H]a '6]fXgcb[ž'h\Y'X]fYWhcf'cZ \dUgg]b['UbX':]g\Yf]Yg'Uh'HDK 8 ž'\][\`][\hg'h\Y']a dcfhUbW''cZ'dUgg]b[cb'Z]g\]b['_bck `YX[Y'UbX'g_]``g'cb'h\]g'XYX]WUhYX'XUmž'ZcghYf]b[U'Wca a i b]hm'cZ'Ub[`Yfg'fYUXm'hc'YI d`cfY'HYI Ug'VYUi h]Zi `k UhYfk Umg"

I bXYfghUbX]b['h\Y'FY[i `Uh]cbg

 $\label{eq:continuous_continuou$

 $: cf'h\cgY'U`fYUXm'\c`X]b['Z]g\]b['`]WVbgYgž'k \m'bch']bj]hY'U\\fY`Uh]j Y'cf'Zf]YbX'hc''c]b']b'h\Y'Zi b3'G\Uf]b[''h\Y'h\f]```cZ'Z]g\]b[WUb'hi fb'Ubm'XUm']bhc'U'a Ya cfUV`Y'cWWUg]cb'''5bXž'Zcf'h\cgY'k \cYb'cm'Z]g\]b[''VYmcbX'h\]g'k YY_YbXž'U'Z]g\]b['``]WVbgY'WUb'YUg]`m VY'di fW\UgYX'cb`]bY'cf'Zfca 'Ubm'cZ'h\Y'fci [\`m'%\z, $$'fYhU]` j YbXcfg'h\fci [\ci h'HYI Ugž'ghUfh]b[''Ufci bX''' $"$

$:]bX]b[h\Y 6Ygh :]g\]b[Gdchg$

HYI UgʻVc UghgʻUbʻ]a dfYgg]j YʻUffUmʻc ZʻZ]g\]b[ʻcddcfhi b]h]Ygž Wcj Yf]b[ʻcj Yfʻ*a]``]cbʻUWfYgʻc Zʻdi V`]Wk UhYfk UmgʻʻK]h\ʻa cfY h\ Ubʻ&ʻa]``]cbʻ]bX]j]Xi Uʻgʻc VhU]b]b[ʻZ]g\]b[ʻ`]WYbgYgʻUbbi U``mžʻ]h g WYUfʻh\ Uhʻh\ Yʻ; fYUhʻGhUhYʻ_bck gʻ\ck 'hcʻUhhfUWhʻUb[`Yfgʻʻ=Zʻmci fY i bWYfhU]bʻUVci hʻk \YfYʻhcʻZ]g\žʻHDK 8 'dfcj]XYgʻUʻZUbhUgh]W fYgci fWYʻWU``YXʻh\Yʻ@U_Yʻ:]bXYfž'k \]W\ʻc ZZYfgʻXYhU]`YX]bZcfa Uh]cbʻcbʻcj Yfʻ%) \$``U_YgʻʻH\]gʻ]gʻUʻ[fYUhʻk UmʻhcʻZ]bXʻUʻgdch h\UhʻZ]hgʻmci fʻZ]g\]b[ʻghm`Yž'k \Yh\Yfʻmci 'dfYZYfʻh\YʻhfUbei]`]hmʻcZ Uʻ`U_Yg]XYʻcfʻh\YʻUXj Ybhi fYʻcZʻZ]q\]b[ʻZfca 'UʻVcUh'

A cfYcj Yfž'a cfY'h\Ub'+\$'ghUhY'dUf_g'dfcj]XY'mYUf!fci bX'ZfYY
Z]g\]b[ž'U`h\ci [\'Ybhfm'ZYYg'gh]``'Udd`m"'H\YgY'dUf_g'cZZYf'U
\YU`h\m'VUW_Xfcd'Zcf'U'ZUa]`m'ci h]b[ž'Wca d`YhY'k]h\'Z]g\]b['d]Yfg
UbX'VfYUh\hU_]b['j]Ykg"'5bX'Xcb h'Zcf[Yhž'W\]`XfYb'U[YX'%*'UbX
mci b[Yfž'U`cb['k]h\'h\cgY'Vcfb'VYZcfY'\bibi Ufm'\%z'\%-'\%z'\WUb'Z]g\
Zcf'ZfYY'Uh'U``'h]a Ygž'Vf]b[]b['Yj YfmcbY']bhc'h\Y'Zc`X'cZ'h\]g
VY`cj YX'fY\WfYUh]cbU``U\\h]j]hm"

Gcžk\Yh\Yfimci fY'U'gYUgcbYX'Ub[`YficfiX]dd]b[imcifihcYg']bhc Z]g\]b['Zcfih\Y'Z]fghih]a Yža Uf_imcifiWU`YbXUfiZcfii bY'+"'=hg'U k cbXYfZi `icddcfhi b]hmihc'Yb'cmih\Y'[fYUhicihXccfg'UbX'WfYUhY `Ugh]b['a Ya cf]Yg"'5gimci dfYdUfY'mcifi[YUfžifYa Ya VYfih\Uh Z]g\]b[']gb hi'i gh'UVcih'WUhW\]b['Z]g\/jhg'UVcih'Yb'cm]b['bUhifYžg\Uf]b['YIdYf]YbWYgž'UbX'`YUfb]b['Zfca icbY'Ubch\Yf"

: cf a cfY]b Zcfa Uh]cb cb Z]g\]b[fY[i `Uh]cbgž'h]dgž'Ub X ``cWU` Z]g\]b[gdchgž'j]g]h'HYI Ug DUf_g'Ub X 'K]`X`]ZY 8 Yd Ufha Ybh"

8 YhU]`g	
Cfh	@UXm'@U_Yž'HY Ugž' G5
EiY``Yb	• a]I - ' %Za "Wca
	hdk X"hYI Ug"[cj
	• k k k "_gUh"Wca

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