## GUfUgchU'FYg]XYbhg': YUf': `ccX]b[ 'Ug 8fU]bU[Y'8]hWXYg'FYa U]b'7`c[[YX

FYg]XYbhgʻcZʻGUfUgchUʻ7ci bhmʻj c]WYʻWcbWYfbgʻcj YfʻWc[[YXXfU]bU[YʻX]hWXYgʻUa]XʻZYUfgʻcZʻZʻccX]b[ʻXif]b[ʻidWca]b[ghcfag"



 $Gufugchu\check{z}: `cf]Xu\check{z}'I \ b ]hYX `GhuhYg'! FYg]XYbhg'cZ'Guk \ mYf'FcuX ]b'Gufugchu\check{z}: `cf]Xu\check{z}'UfY'YI \ dfYgg]b['[fUj Y'WcbWYfbg'UVci h Wc[[YX'XfU]bU[Y'X]hWXYg\check{z}k \]WX'dcgY'g][b]Z]WUbh'f]g_g'Xi f]b[ \iff]WUbY'gYUgcb''BchUV`mž'h\YgY'X]hWXYg'UfY']bhYbXYX'hc WX UbbY`'k UhYf']bhc'D\]``]dd]'7fYY_<math>\check{z}$ 'Vi h'a Ubm'UfY'bck'Z]``YX'k]h\ k YYXgž'hfYygž'UbX'XYVf]g'''@cWU`'fYg]XYbh'; Ufm'7`Uk gcb'g\UfYX \ck'\Y'\Ug'fYgcfhYX'hc'i g]b['Vf]W\_g'UbX'VcUfXg']b''U'XYgdYfUhY UhYa dh'hc'g`ck'k UhYf'Zck'UbX'dfYj Ybh'Yfcg]cb'cb'\]g'dfcdYfhm''@Ugh'mYUfž'Xi f]b['h\Y'\i ff]WUbY'gYUgcbž'gca Y'bY][\Vcfg'k YfY'cbh\Y'Vf]b\_'cZ'ZccX]b['Xi Y'hc'h\Y'X]hWXYg'ZU]`]b['hc'XfU]b''dfcdYf`mžUb''U`Ufa]b['g]['b'cZ'h\Y'UfYU g'XfU]bU[Y']ggi Yg'''7`Uk gcb'dc]bhYX ci h'h\Uh'h\Y'X]hWXYg'cZZ'&Ja U]WU'GhfYYh'UfY'gc'cj Yf[fck b'h\Uh']h g cZhYb'\UfX'hc']XYbh]Zm'h\Ya 'Uh'U``"

## 7i ffYbhFYgdcbgYgUbXAU]bhYbUbWY=ggi Yg

H\Y`Wci bhm`\Ug`UhhYa dhYX`hc`UXXfYgg`gdYW]Z]WYfcg]cb`WcbWYfbg fU]gYX`Vm`fYg]XYbhgž`]bWi X]b[`h\cgY`cb`\*Ja U]WU`GhfYYh"`7ci bhm cZZ]W]U`g`bchYX`h\Ym`WcbXi WhYX`cb!g]hY`j ]g]hg`UbX`fYa cj YX`hfYYg Zfca `h\Y`X]hW\Ygž`WU]a ]b[`h\YfY`k YfY`bc`WYUf`g][ bg`cZ`Yfcg]cb"H\Ym`fYdcfhYX`m`Uhhf]Vi hYX`gca Y`Yfcg]cb`hc`Xck bgdci hg`Zfca\ca Yck bYfg`[i hhYfg`fUh\Yf`h\Ub`XYZ]W]YbW]Yg`]b`h\Y`XfU]bU[Y gmghYa g`h\Ya gY`j Yg"`K\]`Y`]h`\Ug`VYYb`WcbZ]fa YX`h\Uh fYWca a YbXUh]cbg`hc`WYUb`U`bYUfVm`d]dY`UbX`fYa cj Y`XYVf]g\Uj Y`VYYb`Wca d`YhYXž`h\Y`a i W\!bYYXYX`WYUf]b[`cZ`h\Y`X]hW\Yg fYa U]bg`cb`h\Y`hc!Xc``]gh"

Gh]``ž'h\Y'Wca a i b]hmg'Zfi ghfUh]cb']g'bch'i bZci bXYX"'DfcdYf
XfU]bU[Ya Vbh']g'YggYbh]U``bch'cb`m'Zcf'dfchYWh]b['\ca Yg
Vi h'U`gc'Zcf'dfYgYfj ]b['h\Y'\YU`h\'cZ'`cWU``YWcgmghYa g"'5\W\cfX]b[
hc'; fYYbHYW\'HfYY'/ @UbXg\Wd]b[ž': `cf]XU g'i b]ei Y
W]a UhY k]h\'`cb['Xfm'dYf]cXg'Zc``ck YX'Vm'k Yh
gi a a Yfg WfYUhYg'Ub'UW' hY'bYYX'Zcf'YZZY\Mj] Y'ghcfa k UhYf
a UbU[Ya Ybh''K \Yb'XfU]bU[Y']ggi Yg'Uf]gYž'h\Ym'WUb'`YUX'hc
ZccX]b['UbX'dcc`]b[ž'k\]W\ž']b'hi fbž'gh]ZYg'h\Y'gc]` g'UV]`]hm'hc
UVgcfV'a c]ghi fY"

 $H\Y = a dcfhUbWY cZGhcfa k UhYf$ A UbU[Ya Ybh ± ZUWhž ZU]`i fY hc a UbU[Y ghcfa k UhYf dfcdYf`m WUb`\Uj Y ``cb[! `Ugh]b[ ']a dUWhg" < Ua a Yfg 7 cbghfi Wh]cb ci h`]bYg gYj YfU`\_Ym Zi bWh]cbg c Z Y ZZY Wh]j Y ghcfa k UhYf a UbU[Ya Ybhž ]bWi X]b[ 'ZccX dfYj Ybh]cbž k UhYf ei U`]hm dfchY Wh]cbž Yfcg]cb 'Wcbhfc`ž UbX 'Yj Yb [fci bXk UhYf fY Wk Uf[Y" @c WU` cfX]bUbW 'Wca d`]UbWY ']g 'Wfi W]U` hc dfYj Ybh ZccX]b[ 'UbX a U]bhU]b 'di V`]WgUZYhmž Ug ii bWcbhfc``YX ghcfa k UhYf fi bc ZZ WUb 'cj Yfk \Y`a 'Yl ]gh]b[ 'XfU]bU[Y 'gmghYa g UbX 'Wcbhf]Vi hY 'hc 'k UhYf 'dc``i h]cb"

H\YfY g'gca Yh\]b['hc'VY'gU]X'Zcf'h\Y'VYUi hm'UbX'i h]`]hm'cZ dfcdYf`m'XYg][bYX'XfU]bU[Y'gmghYa g": fca 'fYhYbh]cb'dcbXg'UbXfU]b'[UfXYbg'hc'dYfa YUV`Y'dUj Ya Ybhgž'h\YgY'gmghYa g'bch'cb`m dfYj Ybh'dfcdYfhm'XUa U[Y'Vi h'Yb\UbWY'h\Y'Wca a i b]hm g `]j UV]`]hm'UbX'UYgh\Yh]WUddYU`"'Gcž'k\]`Y'GUfUgchU'fYg]XYbhg'k U]h Zcf'UWh]cb'Zfca 'h\Y'Wci bhmž'h\Y'`UbXgWUdY'Ufci bX'h\Ya ']g'Wfm]b[ci h'Zcf'UhhYbh]cb'UbX'WUfY'"

# g'WYUf'h\ Uh'GUfUgchU'Wci bhm'bYYXg'hc'hU\_Y'a cfY'dfcUWh]j Y a YUgi fYg']b'a U]bhU]b]b['UbX']a dfcj ]b['XfU]bU[Y'gmghYa g"'K ]h\ Yj Yfm'fU]bghcfa ž'fYg]XYbhg'Z]bX'h\ Ya gY'j Yg'Yb[i 'ZYX']b'k cffmž UbI ]ci g'UVci h'h\ Y'dchYbh]U''XUa U[Y'h\ Uh'Wci 'X'cVWV f"'5g bY][\Vcfg'fU'`m'hc[Yh\Yfž'h\Y]f'j c]WYg'k ]````]\_Y`m'Wcbh]bi Y'hc'[fck 'ci XYfž'di g\]b['Zcf'U'VYhhYf'fYgdcbgY'UbX'gi ghU]bUV'Y'gc'i h]cbg h\ Uh'dfchYWh'h\Y]f'\ca Yq'UbX'Yb\UbWY'h\Y]f'Wca a i b]hm"

Hc ``YUfb a cfY 'UVci h'h\Y'cb[c]b[ 'XfU]bU[Y']ggi Yg 'UbX 'Y ZZcfhg']b GUfUgchUž'j ]g]h': cl '%' 'B Yk gž'; fYYbHYW\'; UfXYbYfgž'UbX' < Ua a Yfg'7cbghfi Wh]cb"

8 Y hU]`g	
Cfh	GUfUgchUž: `cf]XUžI b]hYX GhUhYg
EiY``Yb	• k k k "Zcl %' b Y k g"Wca
	<ul><li>k k k "[fYYbhYWX [UfXYbYfg"Wca</li></ul>
	• \ Ua a YfgWcbghfi Wh]cb"Wca

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