

C_cbca]mU_]. Gc [Y`]b[h'XYf'^UdUb]gWX Y DZUbb_i $WXYb']b'=\ fYf'? ØWXY'$

9bhXYW_Yb'G]Y'XUg'FYnYdh'ZØf'C_cbca]mU_]ž'XYb'\Yfn\UZhYb'UzhYb'UdUb]gW\Yb'DZUbb_i W\Ybž'i bX'YfZU\fYb'G]Y'a Y\f'ØVYfgY]bY'Ni VYfY]hi b["



CgU_Už'*JdUb'!'C_cbca]mU_]ž'Y]b'hfUX]h]cbY``Yf'*UdUb]gW\Yf
DZUbb_i W\Ybž'YfZfYi h'g]W\'ni bY\a YbXYf'6Y`]YVh\Y]h'k Y`hk Y]h''
8 Yf'BUa Y' C_cbca]mU_] 'gYhnh'g]W\'Ui g'XYb'*UdUb]gW\Yb'K cfhYb
c_cbca] ž'k Ug'gc'j]Y``k]Y' bUW\'6Y`]YVYb 'VYXYi hYhž'i bX
mU_] ž'k Ug' [YVfUhYb '\Y]» hž'ni gUa a Yb"'8]YgYg'; Yf]W\'hž'cZh'U`g
'UdUb]gW\Y'D]nnU 'VYnY]W\'bYhž'V]YhYh'nU\`fY]W\Y

J Uf]Uh]cbga Ò[`]W_Y]hYb'a]h'i bhYfgW\]YX`]W\Yb'6Y`À[Yb"'@Ui h'

FYa gnY]hi b['ghUa a Yb'X]Y'I fgdfØb[Y'X]YgYg'FYnYdhYg'Ui g
CgU_Už'k c'X]Y'Ni hUhYb'hmd]gW\Yfk Y]gY'j Yfa]gW\'h'i bX'XUbb']b
Y]bYf'DZUbbY'[YVfUhYb'k YfXYb"

8]Y'; fi bXni hUhYb'XYg'C_cbca]mU_]'g]bX'K Y]»_c\`ž'AY\`ž'6fØ\Y i bX'9]Yf"' \pm bX]j]Xi Y``Y'Hcdd]b[g'_ÒbbYb'GWk Y]bYVUi W\Ž

A YYfYgZfØWX hY cXYf? ÀgY i a ZUggYb"; Yk Øfnhik]fX XUg; Yf]WX hi]b XYfFY[Y`a]hC_cbca]mU_]!GUi WYžrUdUb]gWXYfA UmcbbU]gYž6cb]hcZcW_Yb i bX 5`[Ybdi j Yf"' + hHc_]c]gh Y]bY À\b`]WXYGdYn]U`]hÀhbUa Ybg A cb UmU_] VY_Ubbhžk À\fYbX X]Y ? UbgU]!
J Uf]UbhY hmd]gWXYfk Y]gY Ui ZY]bYf\Y]» Yb '9]gYbd`UhhY ni VYfY]hYhk]fXžk Ug'X]Y VYgcbXYfY Ni VYfY]hib[ga Yh\cXY j YfXYi h`]WXh"

Ni VYfY]hi b[XYgFYnYdhg

: Øf`X]Y`Ni VYfY]hi b[`j cb`C_cbca]mU_]`]a `CgU_U!Gh]`ž`XUg`ZØf`nk Y] Dcfh]cbYb`[YXUW\h`]ghž`g]bX`Zc`[YbXY`Ni hUhYb`YfZcfXYf`]W\.

- &\$\$'['K Y]»_c\`ž'gY\f'ZY]b'[Y\cVY`h
- %\$\$'['K Y]nYba Y\`'fHmd'(\$) Ł'cXYf'gdYn]Y``Yg C_cbca [mU_]!A Y\`
- %&\$ %' \$'a `'8 Ug\]!6fØ\Y'cXYf'K UggYf
- & 9]Yf
- &:: fØ\`]b[gnk]YVY`bž']b'ZY]bY'F]b[Y'[YgW\b]hhYb
- & '9@'HYb_Ugi 'fZf]hh]YfhY 'HY][_fØa Y`žcdh]cbU`Ł
- &:XØbbY'GWXY]VYb'i b[YdÒ_Y`hYf'GWXkY]bYVUi WX'cXYf
 6UWcb
- DZUbnYbÒ`ni a '6fUhYb
- Hcdd]b[g. 'C_cbca]mU_]!GUi WYž' 'UdUb]gWXY 'A UmcbbU]gYž
 5cbcf]ž'? Uhgi cVi g\]

8]Y`Ni VYfY]hi b[`YfZc`[hi]b`a Y\fYfYb`GW\f]hhYb.`Ni Yfgh`k]fX`XUg A Y\`a]h`6fØ\Y`cXYf`K UggYf`[`Uhhij YffØ\fhii bX`X]Y`9]Yf i bhYf[Y\cVYb"8UbUW\`k YfXYb`XYf`ZY]b`[YgW\b]hhYbY`?c\`ž`X]Y : fØ\`]b[gnk]YVY`b`i bX`cdh]cbU``HYb_Ugi `]b`XYb`HY][`[Y[YVYb" BUW\`XYa `9f\]hnYb`j cb`²``]b`XYf`DZUbbY`k]fX`X]Y`<À`ZhY`XYf A]gW\ib[`\]bY]b[Y[YVYb`i bX`ni `Y]bYa `fi bXYb`DZUbb_i W\Yb [YZcfa h"`9]bY`GW\Y]VY`GW\k Y]bYVUi W\`cXYf`6UWcb`k]fX XUfUi Z[Y`Y[hii bX`XUg'; UbnY`k]fX`VY]`a]hh`YfYf`<]hnY`ZØf`) + A]bi hYb`Ui Z`VY]XYb`GY]hYb`[c`XVfUi b`[YVfUhYb"

<]ghcf]gWX Yf'? cbhYl h'i bX'FY[]cbU`j Uf]UbhYb</pre>

 $8\,]Y\,^{^{\prime}}K\,\,i\,\,fnY\,^{^{\prime}}b\,^{^{\prime}}XYg\,^{^{\prime}}C\,_cbca\,\,]mU_]\,^{^{\prime}}fY\,]WX\,Yb\,^{^{\prime}}V\,]g\,^{^{\prime}}]b\,^{^{\prime}}X]Y\,^{^{\prime}}9Xc\,!\,NY\,]h$

flow \$' %, *, Łini flow žik ciygii fgdflob [`] Wki 'U`g`: i bcm U_] 'VY_Ubbh k Uf" @Ui h'%a U`% 'UdUb 'Yf`YVhY 'XUg'; Yf] Wkhik À\fYbX 'XYf'A Y] ']! NY]hY]bY '9bhk] W_`i b ['i bX' [Yk Ubb 'bUWki XYa '; fc > Yb'? Ubh! 9fXVYVYb'j cb'%-&' 'Ub' Dcdi `Uf]h Ah" 'C_cbca] mU_] 'k i fXY'ni XYa k À\fYbX 'XYg' Nk Y]hYb'K Y`h_f] Y [g'dcdi `Afž'XU'A Y\``ni 'Y]bYa YfgWk] b [`] WkYb'; fi bXbU\fi b [ga]hhY`'k i fXY"

<Yi hY [] h'C_cbca]mU_] b]Wh h bi f U g'VY]Y VhYg'; Yf]W h]b * Jd Ub ž
gcbXYfb 'Ui W 'U g'Gma Vc 'ZØf'? fYUh]j]h h h i bX fY[]cbU Y 'J]Y `ZU h'
8]Y 'Ni VYfY]hi b[gk Y]gY j Uf]]Yfh 'Y bUW FY[]cb. K A \fYbX 'Yg']a
CgU_U!Gh] `X]Y 'Ni hUhYb j Yfa]gW h []Vhžk]fX ']a '<]fcg\]a U!Gh] `
Y]bY gW]W hk Y]gY 'Ni VYfY]hi b['VYj cfni [h" 6Y] 'X]YgYf 'J Uf]UbhY
k]fX 'ni b AW gh Y]b '7 f Ad Y!hY]['ni VYfY]hYhž [YZc `[h j cb 'Y]bYf
GW]W h ? c \ 'ž'; Yk ØfnYbž: 'Y]gW 'i bX 'A YYfYgZf ØW hYb"'; Y_cW hY
Gc V U!B i XY 'b 'k YfXYb '[YgcbXYfh [YVfUhYb 'i bX 'XUbb 'Ui Z'XYa
: `UXYb 'j YfhY] `hž'k Ug'XYa '; Yf]W h 'Y]bY 'ni gAhn `]W Y
; YgW a UW_gbchY 'j Yf Y]\hž'k]Y 'K]_]d Y X]U 'VYgW fY]Vh'</pre>

CV']b'*JdUb'cXYf']bhYfbUh]cbU`ž'C_cbca]mU_]'V`Y]Vh'Y]b'VY`]YVhYg i bX'VY`]YVhYg'; Yf]W\hž'XUg'X]Y'A YbgW\Yb'XUni 'Y]b`ÀXhž']\fY]bX]j]Xi Y``Yb'Jcf`]YVYb'i bX'; YgW\a ÀW_Yf'Ui gni `YVYb"

8 YhU]`g	
Cfh	C gU_Už *Jd Ub
EiY``Yb	k k k "fYa gnY]hi b["XY
	• %a U`%^UdUb"XY
	XY"k]_]dYX]U"cf[

6Ygi WXYb G]Y i bg Ui Z b!U["bYh