

BYi Yf BUWk i Wkg_ccfX]bUhcf. Dc\`ghÀf_h'9]ggdcfh']b'H]a a YbXcfZ°

A]W. UY`Dc\`k]fX'bYi Yf`BUW.k i W.g_ccfX]bUhcf`VY]a '79H]b`H]a a YbXcfZz`i a 'X]Y'9]ggdcfh! i [YbXUfVY]h'ni 'ZÒfXYfb i bX'Y]bY'l &\$!A UbbgW.UZh'ni [fØbXYb"

H]a a YbXcfZYf GhfUbXž8Yi hgWX`UbX!

5a %, "'5df]`'&\$&) '\Uh'XYf'7`i V'ZØf'9]ggdcfh']b'H]a a YbXcfZ'Y"J" ff79HL'Y]bY'k]W\h][Y'dYfgcbY``Y'JYfÀbXYfi b['VY_Ubbh'[Y[YVYb. A]W\UY`` A]hW\ 'Dc\``ØVYfb]a a h'X]Y'Fc``Y'XYg'\Ui dhUa h']W\Yb BUW\k i W\g_ccfX]bUhcfg"'Dc\`ž'XYf'VYfY]hg'j cb'&\$&\$'V]g'&\$&''HY]`XYg'JYfY]bg'k Uf'i bX'H]a a YbXcfZYf'GhfUbX'U`g'K c\bcfh'[Yk À\`h\Uhž'k]fX'g]W\']bhYbg]j 'a]h'XYf'BUW\k i W\gUfVY]h'VYZUggYb"'9]b 9b[U[Ya Ybh']a '<YffYbVYfY]W\']gh'Ui Z[fi bX'ZUa]`]ÀfYf JYfdZ']W\hi b[Yb'ZØf']\b'U_hi Y``b]W\ha O[`]W\"

Dc\`Vf]b[hY]bYJ]Y`nU\`Ub'9fZU\fib[Yb'U`g'HfU]bYfž'BYmkYf_YfibX'HYUad`UmYf']b'X]Y'BUWkiWxgUVhY]`ib[Y]b"'9f'k]fX'U_h]j'VY]XYb'HfU]b]b[g'XYf'BUWkiWxghYUag'a]hUfVY]hYb'ibX'X]Y'HfU]bYfibhYfghØhnYb"'N]Y`'gY]bYf'5fVY]h']gh'Ygž'XYb'=gh!NighUbX'niYfZUggYb'ibX'GhfUhY[]Yb'ZØf'X]Y'ni_ØbZh][Y'5igf]Wkhib[XYgJYfY]bg'ni'Ybhk]W_Y`b"'9]b'nYbhfU`Yf'Dib_h'gY]bYf'D`Ubib[']gh'X]Y5_ei]f]Yfib['bYiYf'HfU]bYf'gck]Y'X]Y'GWkUZZib['jcbKY]hYfV]`Xib[gaÒ[`]Wk_Y`b"

BYiY'I &\$!A UbbgW\UZh'i bX'DYfgdY_h]j Yb'ZØf HU`YbhY : Øf'X]Y'_ca a YbXY'GU]gcb'k]fX'Y]bY'bYi Y'I &\$!A UbbgWX UZh'U`g
Gd]Y`[Ya Y]bgWX UZh'a]h'XYa 'FcghcW_Yf'97'[Y[fØbXYh"'8]YgY
A U» bU\a Y'gc``'X]Y'J YfV]bXi b['ni a '<YffYbVYfY]WX 'ghÀf_Yb'i bX
'i b[Yb'Gd]Y`Yfb'DYfgdY_h]j Yb'V]YhYb"'? Uhf]b'GWXY``ž'X]Y'%"
\$\forall [YbXk Ufh]b'XYg'79Hž'\YVh'X]Y'6YXYi hi b['XYf'bYi Yb'@][U'ZØf
X]Y'BUWX k i WXgUfVY]h'\Yfj cf"'8Yf'J cfghUbX'XYg'79H'nY][h'g]WX
YfZfYi h'ØVYf'X]Y'9]bghY`i b['j cb'Dc\`i bX'XYggYb
: UWX_ca dYhYbn"'Dc\`'gY`Vgh'VYhcbh'X]Y'K]WXh][_Y]hž'?]bXYfb'i bX
\$\forall [YbX`]WXYb']a '9]ggdcfh'bYi Y'DYfgdY_h]j Yb'ni 'YfÒZZbYb"</pre>

9f'd`Ubhž'X]Y'9bhk]W_`i b[']a 'JYfY]b'U`g'[Ubn\Y]h`]W\Yb'DfcnYgg'ni j YfghY\Yb'i bX'gW\f]hhk Y]gY'i a ni gYhnYb"'K À\fYbX'Dc\``ni bÀW\gh df]j UhY'HYfa]bY']b'FcgYb\Y]a 'k U\fb]a a hž'VY[]bbh'XUg Gca a YfhfU]b]b['XYf'BUW\ki W\ghYUa g'VY]a '79H"

Ni gàhn`]WX 'V`]W_h`XYf`79H`Ui Z'Y]bY`YfZc`[fY]WXY`JYf[Ub[Yb\Y]h
ni fØW_žU`g`XYf`JYfY]b`X]Y`A Y]ghYfgWX UZh`]b`XYf`9]g\cW_Ym
JYfVUbXg`][U`BcfX`&\$%- #&\$`a]h`Y]bYa '*.' !G]Y[`[Y[Yb`XYb`F9J
6fYa Yf\Uj Yb`Yff]b[Yb`_cbbhY"`A]h`X]YgYa 'G]Y[`_fÒbhY`X]Y
A UbbgWX UZh`g]WX`nk Y]`Gd]Y`hU[Y`j cf`GU]gcbYbXY`ni a 'A Y]ghYf`i bX
Yfn]Y`hY`]\fYb`%' "'G]Y[`]a '%' "'@][Ugd]Y`"'⇒\XYb``YhnhYb`&)
@][Ugd]Y`Yb`k Uf`X]Y`A UbbgWX UZh`i b[YgWX`U[Yb`i bX`\UhhY`U_hi Y``
Y]bYb`J cfgdfi b['j cb`Y`Z`Di b_hYb`VY]`nk Y]`Ui gghY\YbXYb`DUfh]Yb"
⇒\`XYf`_ca a YbXYb`GU]gcb`k]fX`X]Y`A UbbgWX UZh`]b`XYf`9]g\cW_Ym
FY[]cbU``][U`BcfX`gd]Y`Yb"`8]Y`FY`Y[Uh]cbgfi bXY`Zc`[h`Ui Z`X]Y
J YfVUbXg`][U`< Ui dhfi bXYž`XYfYb`HYfa]b`bcWX`b]WX h`ZYgh[Y`Y[h
]gh"

5a :: fY]hU[ž'XYa '%("': YVfi Ufž'ghY\h'ni XYa 'Y]b 'VYgcbXYfYg < Y]a gd]Y`'[Y[Yb 'XYb '< Ua Vi f[Yf'GJ 'fl%VŁ'Ub"'B UW 'XYa 'Gd]Y`'i a &\$ 'I \f']a '9]ggdcfh!'i bX'HYbb]gWYbhfi a 'H]a a YbXcfZYf'GhfUbX k]fX'X]Y'Dc_U`Y\fi b['i bX'X]Y'A Y]ghYfZY]Yf'ghUhhZ]bXYbž'k cVY]'XYf @[Yb`Y]hYf'ni f'Dc U`ØVYf[UVY'Yfk UfhYh'k]fX"

8 Y hU]`g	
J c f ZU``	Gcbgh][Yg
Cfh	H]a a YbXcfZYf'GhfUbXž'8Yi hgWX`UbX
EiY``Yb	• k k k "\`!`]j Y"XY
	k k k "XYf!fYdcfhYf"XY

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z. 'b!U["XY