

KibXYfZ`Uhg.::\YI]V\Yg`Kc\bYb`U\gGW\\@ggY\`ZØf`bYiY::UW_f\\ZhY`]b`6Yf\]b

9bhXYW_Yb^G]Yžk]Y^K i bXYfZUhg^g]W\ZØf^X]Y
8Ya c_fUh]g]Yfi b['XYg'XYi hgW\Yb^K c\bi b[ga Uf_hYg
Y]bgYmhii bX^ZYI]V`Yg^K c\bYb^ZØf^: UW_fÀZhY^UhhfU_h]j Yf
a UW\h"\9fZU\fYb^G]Y^a Y\f^ØVYf^X]Y^ghY][YbXY^BUW\ZfU[Y
bUW\a OV`]YfhYa K c\bfUi a ']b^A Yhfcdc`fY[]cbYb^i bX^k]Y
]bbcj Uh]j Y^@Ogi b[Yb^XYb^Ni [Ub['ni K c\bi b[Yb
Yf`Y]W\hYfb"



 $\begin{tabular}{ll} K i b XYfZ UhgʻgYhnhʻg]W ia]h'B UW Xfi W_'ZØf'Y]b YʻF Yj c`i h]cbʻUi Z XYa 'XYi hg W XYbʻK c\bi b[ga Uf_h'Y]b°'9gʻ[Y\h'i a 'b]W Xhgʻk Yb][Yf UʻgʻX]Yʻ8 Ya c_fUh]g]Yfi b['XYgʻK c\bYbg"'9]bʻZYI]VʻYgžʻa ÒVʻ]YfhYg Ni \Ui gYʻgc```Yb X`]W 'ZØfʻU``Yʻni [Åb[`]W 'k YfXYbžʻ]bg VYgcb XYfY ZØfʻ: UW _fÀZhYʻUi gʻXYa ʻ<math>\pm$ b!'i b Xʻ5 i gʻUb Xž'X]Yʻc Zhʻg W bY```Y]b Yb g]W XfYbʻDʻUhn'ni a '@YVYb'VYb Oh][Ybž'i a 'g]W ']bʻbYi YbʻGhÀXhYb c XYfʻ@Àb XYfbʻY]bni 'YVYb"

8]Y BUW ZfU[Y bUW gc W Yb ZYI]V Yb K c\b Ògi b[Yb]gh]b XYb YhnhYb J\fYb YI d`cX]Yfh 8Yf 5bhY] Ub a ÒV]YfhYb

A]Yhk c\bi b[Yb]b 8Yi hgW \Ub X]gh gY]h &\$%' fY[Y fYW h Xi fW X]Y 8YW_Y [Y[Ub[Yb i a () DfcnYbh < Yi hY k c\bYb VYfY]hg %(DfcnYbh XYf A]YhYb XYb]b gc \W Yb K c\bi b[Yb Z Xc W [Y]W nY]h][ghY][h XYf 8fi W_Ui Z XYb AUf_hz ZU]fY DfY]gY i b X _ `UfY FY[Y`b ni gW UZZYb z i a XYa k UW gYb XYb 6YXUfZ [YfYW h ini k YfXYb"

DfcV`Ya Y`a]h'XYa K c\bib[ga Uf_h

9]b'6`]W_'Ui Z'X]Y'U_hi Y``Yb'NU\`Yb'`Ài hYh'5`Ufa [`cW_Yb.
8 Yi hgW\`UbX'_Àa dZh'[Y[Yb'Y]bYb'a Ugg]j Yb': UW_fÀZhYa Ub[Y`ži bX'XUVY]'gd]Y`h'X]Y'K c\bi b[gg]hi Uh]cb'Y]bY'GW\`ØggY`fc``Y'''@Ui h XYa 'fYbca a]YfhYb'9I dUh'+bg]XYf'FYdcfh'&\$&('k]fX'8Yi hgW\`UbX j cb'j]Y`Yb']bhYfbUh]cbU`Yb'HU`YbhYb'ZØf'gY]bY'_ca d`]n]YfhY K c\bi b[gbchg]hi Uh]cb'_f]h]g]Yfh''K Ybb'8Yi hgW\`UbX'k Y]hYf\]b a]h'X]YgYf'a]YgYfUV`Yb'@U[Y'ni'_Aa dZYb'\Uhž'j Yf`]Yfh'Yg'Ub]bhYfbUh]cbU`Yf'5bn]Y\i b[g_fUZh''i bX'XUg'_ÒbbhY'ZUhU`Y': c`[Yb ZØf'X]Y'k]fhgW\UZh`]W\Y'@U[Y'\UVYb''

±0. Ub [YgU[hYb A Yhfcdc`fY[]cbYb k]Y 6Yf`]bž'A ØbWXYb i bX < Ua Vi f[i]gh'X]Y @U[Y VYgcbXYfg'XfUa Uh]gWX "'5``Y]bY i]b '6Yf`]b gi WXh'Y]b 'gW\cW_]YfYbXYg'8f]hhY``U``Yf ±bhYfYgg]YfhYb 'b UWX K c\bi b[Yb "9]bY 'UhYa VYfUi VYbXY 'Ghi X]Y j cb 'K i bXYfZ'Uhg nY][hž'XUgg']b 'XYb 'YfghYb 'A cbUhYb 'XYg'₺J\fYg'&\$&('ØVYf') %\$"\$\$\$ A YbgWXYb 'Ui Z'XYf'D`UhhZcfa 'bUWX 'Y]bYa 'D`ÀhnWXYb ']b 'XYf < Ui dhghUXh'[Ygi WXh'\UVYb" 8 Ug'ØVYfU```X]g_i h]YfhY @YYfghUbXgdfcV`Ya ']gh'_Y]bY'@Y[YbXY' 'X]Y' < Ui dhghUXh'\Uh'X]Y b]YXf][ghY'@YYfghUbXgei chY'8Yi hgWX`UbXg'a]h'a U[YfYb'\$ž, DfcnYbh°

5b'X]YgYf'GhY``Y'_ca a h'XUg' NY]hk c\bYb ']bg'Gd]Y``8]Y'j c``
a ÒV`]YfhYb'5dUfha Ybhgž'Ui g[YghUhhYh'a]h'U``Ya 'Bchk YbX][Yb'
j cb' bhYfbYh'V]g'?ØW\Y' 'g]bX']b'k Yb][Yb'K cW\Yb'VYni [gZYfh]["
I bX'XUg'6YghY. 'DchYbn]Y``Y'A]YhYf'_ÒbbYb'U``Yg'VYei Ya 'cb`]bY
Vi W\Ybž'c\bY'g]W\'a]h'gdfUW\`]W\Yb'6Uff]YfYb'cXYf'`Ub[k]Yf][Yb
6Yk YfVi b[gdfcnYggYb'\Yfi a gW\`U[Yb'ni 'a ØggYb"'AY\f
: `YI]V]`]h\h'ZØf'I bhYfbY\a Yb'i bX'Y]b'cfXYbh`]W\Yf'GW\i V'ZØf'X]Y

: $UWX_fAZhY'Ub`cW_Yb'ibX'\U`hYb$

*Jb' < UgY ž'XYf'79C'j cb'K i bXYfZUhgž'Zcfa i `]Yfh'Yg'_`Uf.' 8]Y
BUW\ZfU[Y'bUW\NY]hk c\bYb']gh'fYU`i bX'`Y[]h]a "'=bXYa 'k]f
ZYI]V`Y'i bX'j YfZØ[VUfY'K c\bf\aia Y'gW\UZZYb\z'\Y`ZYb'k]f\z'XYb
: UW_f\aizhYa Ub[Y``ni 'VY_\aia dZYb'i bX'8Yi hgW\`UbX'U`g'UhhfU_h]j Y
5b`Ui ZghY``Y'ZØf'HU`YbhY'ni 'dcg]h]cb]YfYb" '8 Ua]h'k]fX
cZZYbg]W\h`]W\z'k]Y'k]W\h]['X]YgY'=b]h]Uh]j Y'ZØf'X]Y'Ni_i bZh'V`Y]Vh'
gck c\``ZØf'dchYbn]Y``Y'A]YhYf'U`g'Ui W\'ZØf'X]Y'K]fhgW\UZh'

8 Ugʻ6Yf`]bYfʻI bhYfbY\a Ybžʻ[Y[fØbXYh'&\$%) ž']gh'\Yi hY'XYf
A Uf_hZØ\fYfʻZØfʻZYI]V`Ygʻa ÒV`]YfhYgʻK c\bYbʻ]bʻ8 Yi hgW\`UbXʻi bX\Uhʻg]W\ʻni a 'N]Y``[YgYhnhžʻXYbʻK c\bfUi a 'ZØfʻ: UW_fÀZhY
ni [Àb[`]W\Yfʻi bX'_ca ZcfhUV`Yfʻni `[YghU`hYb"ʿA]h'ØVYfʻ) \$"\$\$\$
`]gh]b[gʻ]bʻ9i fcdUʻi bXʻY]bYa 'ghYh]['k UW\gYbXYbʻHYUa 'j cbʻ%-\$
A]hUfVY]hYfbʻ]ghʻK i bXYfZUhgʻVYghYbgʻUi Z[YghY``hž'i a 'Y]bYb

: Øf`Y]bY`Ub[YbY\a YfY`Ni_i bZh`Ui Z`XYa `K c\bi b[ga Uf_h` `a]h K i bXYfZUhg`Ui Z`XYf`, VYf\c`gdi f`ni `a Y\f`ZYI]V`Yb`i bX VYnU\`VUfYb`K c\b`Òqi b[Yb`ZØf`6Yfi ZqhÀh][Y`]b`8Yi hgW\`UbX°

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