

GUUf`ÀbXYf'Ui Z[YdUggh. 8]Y'VYghYb ?]bXYf_`Y]XYf!6UgUfY']a 'A Àfn°

9fZU\fYb'G]Y'U``Yg'ØVYf'X]Y'?]bXYf_`Y]XYf!6UgUfY']b GUUf`ci]g']a 'A Àfn'&\$&) .'HYfa]bYž'CfhY'i bX'A $\grave{O}[`]WX_Y]hYb$ ni f'HY]`bU\a Y"

a 'GUUf`UbX'ghY\Yb']a 'A Àfn'&\$&) 'k]YXYf`nU\`fY]W\Y?]bXYf_`Y]XYf!6UgUfY'Ui Z'XYa 'Dfc[fUa a ž'X]Y'9`hYfb'X]Y
A Ò[`]W_Y]h'V]YhYbž'[YVfUi W\hY'?`Y]Xi b['ni '[Øbgh][Yb'DfY]gYb'ni Yfk YfVYb"'8]YgY'6UgUfY'g]bX']bhY[fU`Yf'6YghUbXhY]``XYg
: Ua]`]Yb`YVYbgž'gdYn]Y```]b`Y]bYf'FY[]cbž']b`XYf'?]bXYf'gW\bY``Ui g']\fYb'GUW\Yb'\YfUi gk UW\gYb"'J]Y`Y'9`hYfb'bi hnYb'X]YgY
JYfUbghU'hi b[Ybži a 'b]W\h'a Y\f'VYbÒh][hY'?`Y]Xi b[gghØW_Y'ni j Yf_Ui ZYb'i bX'D`Uhn'ZØf'BYi Yg'ni 'gW\UZZYb"'BYVYb'6Y_`Y]Xi b[k YfXYb'Ui W\6ØW\Yf'i bX'Gd]Y`nYi ['Ub[YVchYbž'k Ug'X]Y
5hhfU_h]j]hÀh'X]YgYf'A Àf_hY'Yf\Ò\h"'8]Y`K YVgY]hY'GC @"89`\Uh'X]Y

8]Y?]bXYf_`Y]XYf!6UgUfY`Z]bXYb`]b`XYf`FY[Y`k ÒWXYbh`]WX`ghUhh i bX`g]bX`\Ài Z]['j cb`?]bXYfhU[YgghÀhhYbž'JYfY]bYb`cXYf
Df]j UhdYfgcbYb`cf[Ub]g]Yfh"`8]Yg`Yfa Ò[`]WXh`b]WXh`bi f`XYb`?Ui Z j cb`dfY]g[Øbgh][Yb`5fh]_Y`bž'gcbXYfb`Ui WX`XUg`gcn]U`Y
A]hY]bUbXYf`]b`XYf'; Ya Y]bXY"`Gc`_ÒbbYb`: Ua]`]Ybž'X]Y
a Ò[`]WXYfk Y]gY`i bhYf`Z]bUbn]Y``Yb`8fi W_`ghY\Ybž'Y]bY`VfY]hY
5i qk U\``Ub`[i h`Yf\U`hYbYb`5fh]_Y`b'Z]bXYb"

5_hi Y``Y 6UgUfY]a GUUf`UbX

8]Y 'HYfa]bY 'ZØf'X]Y '?]bXYf_`Y]XYf!6UgUfY ']a 'A Àfn'&\$&) 'g]bX'k]Y Zc`[h

- GUa ghU[ž'&&"'A Àfn'&\$&).
 - ; fc » fc ggY `b . `F c ggY `hU `\ U ``Y ž'%("\$\$ 'V]g '%* "' \$ 'I \ f
 - < ca Vi f[.'@Ua VgVUW\\U``Y']b'?]ffVYf[ž'\$- "\$\$'V]g
 %%"\$\$'l \f</pre>
 - $GUUfVf@W_Yb.^5HGJ!< U^Y\check{z}'%("$$^V]g^*%*"$$^I \f$
 - GUUfVfØW_Yb. 'Gdcfh\U``Y']b '9bg\Y]a ž'%' "' \$ 'V]g %+"\$\$ 'I \f
 - GUUfVfØW_Yb. 'GW\Ufb\cfgh\U``Y']b'Gh"'5fbi U`ž
 "\$\$'V]g'%* "\$\$'I \f
 - GW\a Y`n. Df]a g\U``Yž'%("\$\$'V]g'%+"\$\$'I\f
 - \circ Gd]YgYb. DZUff\Y]a \check{z} . "\$\$ V]g \(\frac{1}{2} \) \f
 - \ VYf\Yffb.'?i \hi f\Ui gž'\%\$"\\$\V]g'\%\ "\\$\I\f
- GcbbhU[ž'&' "'A Àfn'&\$&).
 - 9ddY`Vcfb. DZUffgUU`ž'%' "\$\$'V]g'%+"\$\$'I \f
 - DØhh`]b[Yb.Gh"6UfVUfU\U``Yž%%"\$\$V]g%)"\$\$I\f
 - FY\`]b[Yb!G]YfgVi f[.'Gdcfh\U``Yž'\%"\$\$'V]g'\%("\$\$I\f

 - GUUfVfØW_Yb. Gh" 6cb]ZUh]i g
 - GUUf`ci]g. 'A Y\fnk YW_\U``Y'Jc[Y`gUb[gW\i `Yž %\$"\$\$'V]g'%' "\$\$'I \f

 - Gh" K YbXY`. 'Gdcfh\U``Y']b'6`]YgYbž'%\$"\$\$'V]g'%&"\$\$I \f
 - \circ , VYf\Yffb. '?i `hi f\Ui gž'%\$"\$\$ 'V]g '%) "\$\$ 'I \f
 - J Ò`_`]b[Yb. 'Hi fb\U``Y'; fi bXgW\i `Y' < UmXbghfU» Yž"\$\$'V]g'%* "\$\$'I \f
- GcbbhU[ž' \$"AÀfn&\$&).
 - Gi `nVUW. `A Ufh]b!@ h\Yf!<Ui g`]b`<Ø\bYfZY`Xž %\$"\$\$`V]q`%' "\$\$`I \f
- GcbbhU[ž'*"5df]`&\$&).
 - @cg\Y]a . "9]gYbVU\b\U``Yž'%&"\$\$ 'V]g '%) "\$\$ 'I \f

8]YgY'6UgUfY'g]bX'b]Wkh'bi f'JYf_Ui Zgd`UhhZcfa Ybž'gcbXYfb'Ui Wkk]Wkh][Y'gcn]U`Y'9fY][b]ggYž'kc': Ua]`]Yb'ni gUaa Yb_caa Yb'i bX FYggci fWYb'Ui ghUi gWkYb"'9]bY'À\b`]WkY'G]hi Uh]cb'Z]bXYh'a Ub Ui Wk']b'UbXYfYb'FY[]cbYb'8Yi hgWk`UbXgž'kc'nU\`fY]WkY ?]bXYfVUgUfY`ghUhhZ]bXYbžX]Y`Ui Z`D`UhhZcfa Yb`k]Y`_]bXYfVUgUf!cb`]bY"XY`Ui Z[Y`]ghYh`g]bX"`<]Yf`_ÒbbYb`±bhYfYgg]YfhY`Ui W\`bUW\h\Ya Uh]gW\`dUggYbXYb`A Àf_hYb`gi W\Yb`i bX`g]W\`U_h]j `ØVYf`bYi Y\HYfa]bY`]bZcfa]YfYb``UggYb"

8]Y'6Y`]YVh\Y]h'j cb'?]bXYfVUnUf!JYfUbghU`hi b[Yb'gd]Y[Y`h'g]W\b]W\h'bi f']b'XYf'5bnU\`XYf'hY]`bY\a YbXYb': Ua]`]Yb'k]XYfž gcbXYfb'Ui W\']b'XYf'J]Y`nU\`XYf'Ub[YVchYbYb'5fh]_Y`"+b'j]Y`Yb GhÀXhYbž'k]Y'VY]gd]Y`gk Y]gY'A ØbW\Ybž']gh'X]Y'BUW\ZfU[Y'XYfUfh\cW\ž'XUgg'Y]bY'J]Y`nU\`Ub'HYfa]bYb'fi bX'i a 'XUg'H\Ya U?]bXYf_`Y]Xi b['i bX'Gd]Y`nYi ['YbhghY\h'''9]b'6Y]gd]Y`'\]YfZØf'g]bX (&'JYfUbghU`hi b[Yb']b'A ØbW\Yb'i bX'I a [YVi b[ž'X]Y']a 'A Àfn &\$&) 'ghUhhZ]bXYb'k YfXYbž'XUfi bhYf'nU\`fY]W\Y': `c\a Àf_hYž'X]Y g]W\'Ui Z'[i h'Yf\U`hYbY'6UVm'i bX'?]bXYfUfh]_Y`'gdYn]U`]g]Yfh\\UVYb''

8 Yf J Yf_Ui Zi b X ? Ui Zj cb [YVfUi WhYb ?]b XYfgUW Yb]gh
Ui Z[fi b X XYf \ c \ Yb K UW ghi a gfUhYb j cb ?]b XYfb \ VYgcb XYfg]a
HfYb X " @c_U Y Cf[Ub]g Uh]cb Yb ž ?]b XYf[ÀfhYb ii b X GW ii Yb
cf[Ub]g]YfYb 'X]YgY 'J Yf Ub ghU hi b [Yb ž ii a '9 hYfb 'X]Y 'A Ò[`]W _Y]h
ni 'V]YhYb ž g]W 'a]h 'Ub XYfYb : Ua] `]Yb 'ni 'j Yfb YhnYb ii b X 'j cb 'XYb
9f ZU\fi b [Yb 'XYf '; Ya Y]b g W UZh ni 'dfc Z]h]YfYb " B]W h 'gY `hYb 'g]b X
Ui W 'j Yfg W]Y XYb Y 6 Yn U\ `a c X U`]h ÀhYb 'k]Y 6 Ufn U\ `i b ['c XYf
GhUb X [YVØ\fYb 'ZØf 'J Yf_A i ZYf 'Y]b 'H\ Ya Už 'X Ug 'VY] 'XYf 'D `Ub i b [
gc `W Yf 6 Ug UfY 'V Yf Ø W_g] W h][h 'k Yf XYb 'a i gg " '8]Y '5 b [UV Yb 'ni 'XYb
A Àf_hYb 'g]b X ']b 'XYf F Y [Y `c \ b Y '; Yk À\f 'i b X 'Ÿ b XYf i b [Yb 'g]b X
]a a Yf 'a Ò[`] W ž 'k Ug 'X]Y : `YI]V]`]h Àh 'ZØf 'X]Y 'C f [Ub]g Uh]c b Yb 'i b X
X |Y 'hY|`b Y\ a Yb XYb : Ua] `]Yb 'Yf\ Ò\ h"

: Øf'U``YžX]Y'bcW\`Ui Z'XYf'Gi W\Y'bUW\`XYa 'dUggYbXYb
?]bXYfVUgUf'g]bXž'V]YhYh'X]Y'i a ZUb[fY]W\Y'8 UhYbVUb_'j cb'
_]bXYfZ`c\a Uf_h"Wca 'Y]bY'k Yfhj c``Y'FYggci fW\'ž'i a 'gW\bY``
i bX'Y]bZUW\`X]Y'bÀW\\ghYb'HYfa]bY'ni 'Z]bXYb"'8 Ug'VfY]hY'5b[YVch
i bX'X]Y'fY[Y`a À»][Yb'JYfUbghU`hi b[Yb'hfU[Yb'ni f'\c\Yb
5 hhfU_h]j]h\h'XYf'?]bXYfVUgUfY']b'8 Yi hgW\`UbX'VY]'i bX'gW\UZZYb
Y]bYb'bUW\\U`h][Yb'5i ghUi gW\'j cb'FYggci fW'b']bbYf\U`V'XYf
; Ya Y]bqW\UZh"

8 Y hU]`g	
EiY``Yb	• k k k "gc`"XY
	a "_]bXYfVUgUf!cb`]bY"XY

$6\,Y\,gi\ WX\,Y\,b\,{}^*G]Y\,{}^*i\ b\,g\,{}^*Ui\ Z.\,{}^*b\,!\,U[\ "X\,Y]$