J YfXÅW h][Yf'6f]YZ_UghYb']b' C ZZYbVUW .
K Yf'ghYW_h'\]bhYf'XYb' &* 'BUa Yb3

6Y\ ÒfXYb']b' C ZZYbVUW 'dfØZYb' A Y\ fZJa]']Yb\Ui g'a]h' &*
BUa Yb'Ui Z'@Y]ghi b[ga]ggVfUi WžXcW 'V]g\Yf'c\ bY
BUWk Y]g"

⇒ C ZZYbVUW 'gcf[h'Y]b' A Y\ fZJa]']Yb\Ui g'a]h'Y]bYf'Ui ZÅ`][Yb
5bnU\`j cb'6f]YZ_UghYbgW]XYfb'ZØf'5i ZFY[i b["5b'Y]bYa
Y]bn][Yb'6f]YZ_UghYb'g]bX'a Y\ f'U'g'&) 'BUa Yb'ggW]XYf' _YVYbX
Ub[YVfUW hž'X]Y'k]'X'XUfUi Z'd'Uhm]Yfh'k i fXYb"K Å\fybX'X]Y
a Y]ghYb'X]YgYf'GW]'XYf'Ui g'Y]bYa '@UVY'Xfi W_Yf'ghJa a Ybž'V'Y]Vh
i b_Ufž'k Yf'hUhgÅW`]W]b'X]YgYa ' <Ui g'k c\ b"9]b'BUW VUfž
8Yh'Yj '?'ž\Uh'X]Y'GhUXh'VYfY]hg'j cf'ØVYf'Y]bYa 'š\ f']bZcfa]Yfhž
XUgg'\a 'X]YgY'G]hi Uh]cb'j YfXÅW h]['j cf_ca a h"8cW 'gY]bY
6YgWk YfXYb'\ UVYb'V]g`Ub['_Y]bY'g]W hVUfYb'9f[YVb]ggY
\Yfj cf[YVfUW h"

8Yh'Yj '?'gh'Zfi ghf]Yfh'ØVYf'X]Y'6Øfc_fUh]Y" ⇒W'k YfXY'j cb'5a h
ni '5a h'j Yfk]YgYbž'b]Ya UbX'gWY]bh']bhYfYgg]Yfh'ni 'gY]b ž'_U[h
Yf"'8Yf'GYb]cf'g]Y\h']b'XYf'J]Y'nU\`Ub'BUa Yb'Y]bYb'a Ò[]WYb
⇒X]_Uhc'f'ZØf'Gcn]U'! cXYf'GhYi YfVYhfi ['i bX'\YVh'\Yfj cfž'XUgg
Yhk Ug'a]h'X]YgYa '6f]YZ_UghYb'i bX'XYa ' <Ui g'b]W h'gh]a a Yb
_Ubb"'5`YfX]b[g'g]bX'X]Y'k U\fyb'J Yf\Å'hb]ggY'ja
A Y\ fZJa]']Yb\Ui gž'XUg'b]W h'Y]ba U`UbbÅ\YfbX'&* 'DUfhY]Yb
i bhYfVf]b[Yb'_Ubbž'bcW 'b]W h'Ui Z[YXYW_h'k cfXYb"

6Y\ ÒfXYb Ubhk cfh'Ui Z'X]Y'J c f k ØfZY

8]Y'GhUXh'C ZZYbVUW '\Uh'Ui Z'X]Y'J c f k ØfZY'j cb'8Yh'Yj '?'fYU[]Yfh"
@Ui h'GhUXhgd'fYW Yf': UV]Ub'9`7\Y]_\]gh'X]Y '@Y[YbgW UZh'XYb
6Y\ ÒfXYb'VY_Ubbž'i bX'XUg'cV'Y_h'k i fXY'VYfY]hg'a Y\ fZUW]j cb

j YfgWk]YXYbYb`ghAXh]gWkYb`Ya hYfbžXUfi bhYf`6Ui !`i bX
; Yk YfVYUi Zg]WkHgck]Y`XYa`CfXbi b[gUa hž`_cbhfc``Yfh"6Y]`XYb
Øb[ghYb` , VYfdfØZ b[ Yb`j cf`nk Y]`K cWkYb`[ UV`Yg`YXcWk`_Y]bY
<]bk Y]gY`Ui Z`@Y]ghi b[g!`cXYf`K c`bfUi a a]ggVfUi Wk" 9g[]Vh
Y]bYb`cfXbi b[ g[ Ya Å»`[Ya Y`XYhYb` ; Yk YfVYVYhf]YV`bYVYb`XYf
K c`bbi hni b[ žVYf]Wk hYh`9`7\Y]_\"

I a`XYf`JYfk]ffi b[`fi bX`i a`X]Y`j]Y`Yb`GWk]`XYf
Ybh[Y[Ybni k]f`\_Ybž`Uh`X]Y`GhUXh`X]Y`9][YbhØa Yf]b`Ui Z[YZcfXYfhž
X]Y`BUa Yb`b]Wk h`k c`b`UZhYf`DYfgcbYb`ni`YbhZYfbYb"8UfØVYf
`]bUi g`k i fXY`Y]bY`6YfY]b][i b[`]a`A Y`XYfY[ ]ghYf`j cf[Ybca`a Yb"
8]Y`GhUXh`V`Y]Vh]b`X]YgYf`5b[ Y`Y[Yb`Y]h`YXcWk`VY[ fYbnh`U`h]j ž
gc`Ub[ Y`_Y]bY`gWk k Yfk ]Y[ YbXYb`F Y[Y`j YfghØ»Y`ZYgh[YghY`h
k YfXYb"

8]Y`F c``Y`XYf`5fVY]hg[Ya Y]bgWk UZh @Y]ghi b[ga]ggVfUi Wk

Hfchn`X]YgYf`?cbhfc``Yb`]gh`8YhYj`?``VYgcf[hž`XUgg`X]Y`DfcV`Ya Y
k Y]hYf`]b`VYghY`Yb`V`Y]VYb"8]Y`GhUXh`VYhc`bh`YXcWk`ž`XUgg`X]Y
5b[Y`Y[ Yb`Y]h`Ui Wk`k Y]hYf`]b`Ui Z`XYa`F UXUf`XYf
5fVY]hg[Ya Y]bgWk UZh`@Y]ghi b[ ga ]ggVfUi Wk`V`Y]Vh"8]YgY` ; fi ddY
gYhnh`g]Wk`Ui g`J YfhfYhYfb`j YfgWk]YXYbYf`ghAXh]gWkYf`Ya hYf`gcck]Y
Dc`]Wb`!`i bX` :]bUbnVY`ØfXYb`ni gUa`a Yb`i bX`U`h`XUg`N]Y`ž[Y[Yb
Gcn]U`Y]ghi b[ ga ]ggVfUi Wk`j cfni [Y`Yb" `⊖`fY[ Y`a Å»][Yb`HfYZZYb
k]fX`XYf`5i ghUi gWk`ØVYf`J YfXUWk hgZ`Y`[YZØfXYfhž`i a`a Ø[`]Wk Y
A]ggVfAi Wk`Y`gWk`bY`Yf`ni`]XYbh]Zn]YfYb`i bX`ni`U`bXYb"

8]Y`5; `@Y]ghi b[ga]ggVfUi Wk`k ]fX`U`gc`X]Y`G]hi Uh]cb`]a
VYhfYZZYbXYb`A Y`fZJa`]Yb`Ui g`k Y]hYf`]b`VYcVUWk hYb" K]f
_ØbbYb`8YhYj`?``YXcWk`Ui g`8UhYbgWk`i hm[ fØbXYb`_Y]bY
⊖Zcfa Uh]cbYb`ØVYf`i bgYfY`9fa ]hni b[ Yb`[YVYb`žYf`_Åfh`9`
7\Y]_\"

8]Y`[ UbnY`G]hi Uh]cb`U`h`X]Y`5i Za Yf`\_gUa`_Y]h`XYf`6Y`ØfXYb`Ui Z
X]YgYg`gdYn]Y`Y`A Y`fZJa`]Yb`Ui g`[ Y`Yb`\_hž`XUg`hfc`hn`XYf
J YfX`ÅWk h][ i b[ Yb`k Y]hYf`]b`U`g`Y[]h]a Y`K c`b`!`i bX
; YgWk`ÅZh`]Y[YbgWk UZh`[ ]h"8Yf`6f]YZ`UghYb`a]h`gY]bYb

i bnÅ\`][ Yb`GW]XYfb`V`Y)Vh`Y]b`NYi [b]g`ZØf`X]Y
<YfUi gZcfXYfi b[Ybž`X]Y`Yg`VY]`XYf`5i`ZYW`i b[ `j`cb`Gcn]U`VYhfi [
[]Vh"; `Y]W`nY]h][`k`]fX`XYi`h]W`ž`XUgg`X]Y`GhUXh`C`ZYbVUW`a`Y`f`
hi`b`a`ÖW`hY`ž`i`a`gc`W`Yb`i`Y`[`U`Yb`DfU`h]\_Yb`Ybh[Y[Ybni`k`]f`\_Ybž`
i`a`X]Y``hY[f]hÅh`]\fYf`gcn]U`Yb`GmghYa`Y`ni`k`U`fYb"

5a`8`cbbYfghU[`k`Uf`XYf`6f]YZ`UghYb`a`]h`Y]bYf`J]Y`nU`U`Ub`bYi`Yb`
BUa`Yb`ggW`]XYfb`j`YfgY`Yb`i`X]Y`?`cbhfc`Yi`fYb`ghY`Yb`k`Y]hYf`]\b`
j`cf`XYf`<YfUi`gZcfXYfi`b[`ž`X]Y`:`U`hYb`ni`i`\_`ÅfYb`i`bX`XUg`
J`YfhfUi`Yb`]b`X]Y`9`ZY`\_h]j`]hÅh`XYf`gh`ÅXh]gW`Yb`A`U»`bU`a`Yb`
Ui`ZfYW`hni`Yf`U`hYb"

8YhU]`g

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