

8 Ug`F UX`bYi`YfZ]bXYb`a]h`k YV' ž`8 fi [F YgYUfW`9X]h]c b

Bi f`k Yb][Y`A cbUhY`bUW`gY]bYf`9bh`Uggi b[`Ui g`XYa ; YZ`Ab[b]g`_Y`fh`A Ufh]b`G`_fY`]'ni`gY]bYb i bhYfbY`a Yf]gW`Yb`K Y[Yb`ni fØW`" `G`_fY`]'[UV`Ua`A cbhU[VY`_Ubbhž`XUgg`Yf`Y]bY`K YV' !D`UhhZcfa`bUa Ybg`8 fi [`]_Y ghUfhYh`8]Yg`]gh`_Y]b`A YX]_Ua Ybh; YgY`gW`UZhk c`\[Ya Yf`_h`Yf`]gh`Ui g`XYf`D`Ufa U]bXi ghf]Y`j YfVUbbh` `UVYf`Y]bY`C dYb! Gci fW`!D`UhhZcfa`ZØf`X]Y`5fnbY]a]hhY`Zc fgW`i b[ž`Y]» h`Yg`]b Y]bYf`DfYggYa]hhY]i b[.`8 fi [`]_Y`VUi h`Y]b`XYnYbhfU`]g]YfhYg 7ca di hYfbYhmk Yf`_Ui Zž`XUg`F Yggci fW`b`ZØf`YXYb VYfY]hghY`hž`XYf`Dfc`Y`_hY`ni f`5fnbY]a]hhY`Zc fgW`i b[`]b`XYf : fØ`d`UgY`ghUfhYb`cXYf`XUni`VY]hfU[Yb`a ØW`hY`" `a ; Y[YbgUhn`ni`K YhhVYk YfVYfb`k]fX`8 fi [`]_Y`k YVVUg]Yfh gY]b`i bX`j Ø`][`cghYb`cg`j Yfk YbXYh`k YfXYb`_ØbbYb" 8 fi [`]_Y`k]fX`]b`?ØfnY`Y]bY`k YVVUg]YfhY`Gi]hY`ZØf`X]Y N]Y`]XYbh]Z]n]Yfi b[ž`/ Ua d`^Y`]d/

Bi f`k Yb][Y`A cbUhY`bUW`gY]bYf`9bh`Uggi b[`Ui g`XYa ; YZ`Ab[b]g`_Y`fh`A Ufh]b`G`_fY`]'ni`gY]bYb i bhYfbY`a Yf]gW`Yb`K Y[Yb ni fØW`_

G`_fY`]'[UV`Ua`A cbhU[`VY`_Ubbhž`XUgg`Yf`Y]bY`K YV' !D`UhhZcfa bUa Ybg`8 fi [`]_Y`ghUfhYh`8]Yg`]gh`_Y]b`A YX]_Ua Ybh ; YgY`gW`UZhk c`\[Ya Yf`_h`Yf`]gh`Ui g`XYf`D`Ufa U]bXi ghf]Y j YfVUbbh` `UVYf`Y]bY`C dYb!Gci fW`!D`UhhZcfa`ZØf`X]Y 5fnbY]a]hhY`Zc fgW`i b[ž`Y]» h`Yg`]b Y]bYf`DfYggYa]hhY]i b[.`

8 fi [`]_Y`VUi h`Y]b`XYnYbhfU`]g]YfhYg`7ca di hYfbYhmk Yf`_Ui Zž`XUg`F Yggci fW`b`ZØf`YXYb`VYfY]hghY`hž`XYf`Dfc`Y`_hY`ni f`5fnbY]a]hhY`Zc fgW`i b[`]b`XYf : fØ`d`UgY`ghUfhYb`cXYf`XUni`VY]hfU[Yb`a ØW`hY`" `a ; Y[YbgUhn`ni`K YhhVYk YfVYfb

k]fX`8 fi [`]_Y`k YVVUg]Yfh'gY]b`i bX`j Ò`][`cghYb`cg
j Yfk YbXYh`k YfXYb`_ÒbbYb" `8 fi [`]_Y`k]fX`j b`?ØfnY`Y]bY
k YVVUg]YfhY`Gi]hY`ZØf`X]Y`N]Y`]XYbh]Zn]Yfi b[ž`XUg
5fnbY]a]hhY`XYg][b`i bX`Hcc`g`ZØf`XYb`5i ZVUi `i bX`X]Y
5i gZØ\fi b[`i a ZUb[fY]WXYf`j]fhi Y`Yf`GWfYYb]b[!
K cf_Zck g`j YfÒZZYbh]WXYb"

C dYb!Gci fW!D`UhhZcfa Yb`ZØf`a YX]n]b]gWXY` : cfgWxi b[`[]Vh`Yg
bUhØf`]WXY`VYfY]hg"

6Y]gd]Y`gk Y]gY`k i fXY`Y]bY`D`UhhZcfa `bUa Ybg`J]fhi U` : `ck `ZØf`Y]bY
J YfÒZZYbh]Wxi b[`]b`BUhi fY`Ui g`XYa ` `J\`f`&\$&\$`j Yfk YbXYhž`]b`XYf
Y]b`HYUa `j cb`K]ggYbgW`UZh`Yfb` `Y]bY`XYf`[fÒ» hYb`i bX`ZfY]
j YfZØ[VUFYb`5bXcW_!F YUXm!@][UbXYb!6]V`]ch\Y`_Yb`a]h`a Y`f`U`g
%ž(`A]`]UfXYb`]a `< UbXY`Yf\`À`h]WXYb`A c`Y`_Ø`Yb`j cfVYfY]hYhY `"
9]bY`gW`bY`Y`fi bX`k]f`c`ZYb`b]W`h`ZY`Y`f`UZhY`L`i bhYfgi Wxi b[
XYg` `bhYfbYhg` \ `]Zh`i bg`ni `YffUhYbž`XUgg`@][UbXYb`Ub`DfchY]bY
V]bXYbž`i a `Ui ZVYgh]a a hY`d`U`fa UnYi h]gWXY`H`Y`f`Ud]Yb
UVni n]Y`Ybž`i bX`8cW_]b[`]gh`Y]bY`A cXY`]Yfi b[ghYW`b]_ž`i a
j cf\Yfni gU[Ybž`k]Y`@][UbXYb`i bX`DfchY]bY`V]bXYb`k YfXYb"

8 Ug`K `]hYdUdYf`j Yfk Y]gh]a `ZYhh[YXfi W`hYb`5VgW`b]hh`i bhYb`Ui Z
XUg`BUhi fY!9! dYf]a Ybh

5 bXYfY`6]`XgW`]fa Y`A`b`]WXYf` ; fÒ» Y`Ui ZYb`Ui Z
7`ci X!VYfY]h[YghY`hYf`< UfXk UfY`i bX`j Yfk YbXYb
cZh`NY`b`hUi gYbXY`j cb`7DI !? YfbYb`ZØf`a Y`fYfY
HU[Y`Ua `GhØW` ` `@_U`Y`Gi dYfW`a di hYf`k YfXYb`Ui W
ZØf`XYb`6Yhf]YV`[fc» `Ub[Y`Y[hYf`j]fhi Y`Yf`GWfYYb]b[!
D]dY`]bYg`j Yfk YbXYh" `8]YgY`[fc» `Ub[Y`Y[hYb`GWfYYb]b[!
Dfc`Y`_hY`YfZcfXYfb`Ybhk YXYf`gdYn]Y`Y`F UVUhhj Yfhf`À[Y`a]h
7`ci X!7ca di h]b[!5bV]YhYfb`cXYf`Y]bYb`df]cf]g]YfhYb
U`_UXYa]gWXYb`Ni [f]Z`Ui Z<][\`DYfZcfa UbW`7ca di h]b[
fk`D7`F Yggci fW`b" `?`Y]bYfY` : cfgWxi b[g[fi ddYb`_ÒbbYb
6]`XgW`]fa Y`Ui ZGhUbXUfX!7`ci X!7ca di h]b[!FYggci fW`b

Ui gZØ\ fYbž'UVYf'X]Y'; Yk]bbgdUbbYb'Ui Z'gdYn]U`g]YfhYfž
j cb'XYf'7`ci X'VYfY]h[YghY`hYf'< UfXk UfY'VYgW fÀb_Yb
bcfa U'Yfk Y]gY'X]Y'; fÒ»Y'XYg'6]'XgW.]fa g"

8 fi [`]_Y'j Yfk YbXYh]b'gY]bYa 'K \]hYdUdYf'XUg'@[UbXYb!8cW_]b[
U`g'6Y]gd]Y'"K Ug'Yg'j cb'J]fhi U': `ck' i bhYfgWY]XYhž']ghž'k Ug'k]f
gU[Yb'_ÒbbYbž'XUgg'g]Y'XYf'A]gW'i b['Y]bYb'<Ui ZYb'K YV'
\]bni ZØ[Ybž'ni gUa a Yb'a]h'Yhk Ug'XnYbhfU`g]YfhYa '7ca di h]b["
8 Ug'K \]hYdUdYf'VYgW fY]Vh'X]Y'@[UbXYb!8cW_]b[!A cXY`"]Yfi b[
U`g'C dh]a]Yfi b[gdfcV`Ya 'i bX'gU[hž'XUgg'XUg'Dfc'Y_h'Y]b'bYi Yg
Dfchc_c`"bUa Ybg' DfccZcZC dh]a]gUh]cb ' 'a ' ; fi bXY'Y]b'DfccZ
cZK cf'_ZØf': i b_h]cbgcdh]a]Yfi b[gdfcV`Ya Y' 'ni f'J Yf]Zn]Yfi b[
YfghY`h'`

K]f'k YfXYb'ni [YVYbž'XUgg'k]f'XYfnY]h'b]W h'ØVYf'X]Y
XUhYbk]ggYbgW UZi]WYb': À\][_Y]hYb'j YfZØ[Ybž'i a 'i bUV\Àb []]
ni 'VYk YfhYbž'k]Y'fYU`]gh]gW'X]YgYf'J cfgW'U[']gh"

5VYf'k Ybb'Yg'i a 'XnYbhfU`Yg'7ca di h]b['[Y\hž'\UVYb'k]f'Y]bYb
K \]hYdUdYf!J Yfk Y]g'Ui Z: c`X]b[4 \ca Y'[YZi bXYbž'Y]b
XnYbhfU`g]YfhYg'Dfc'Y_hž'VY]'XYa 'bcfa U'Y'A YbgWYb
FYWYb'Y]ghi b['gdYbXYb'_ÒbbYbž'i a 'l b]j Yfg]hÀhg'UVcfg'VY]'XYf
8i fW ZØ\fi b['j cb'DfchY]bZU'hi b[gg]a i 'Uh]cbYb'ni 'i bhYfghØhnYb"

: c`X]b[4 \ca Y!HYUa g'V]YhYb'j YfgW]YXYbY' 6Y`c\bi b[Yb 'ZØf
X]Y'HY]'bU\ a Y'Ubž'UVYf'Yg'gWY]bh'_Y]bYb'GhUbXUfX'XUZØf'ni
[YVYbž'k Y`WY'6Y`c\bi b[Yb'j Yfk YbXYh'k YfXYb'"A]h'UbXYfYb
K cfhYbž'Yg'_ÒbbhY'fYU`]gh]gWYfk Y]gY'ØVYf\Ui dh'_Y]bY
?fmdhck À\fi b[gVYhY]'[i b['[YVYb'"5bZUb['&\$%- 'j YfÒZYbh]W hY
: c`X]b[4 \ca Y'Y]bY'?fmdhck À\fi b[gf]W h']b]Yž'X]Y'X]Yg'X]fY_h
VYgU[h'

5b[Yg]W hg'XYf'Øb[ghYb'8]g_i gg]cbYb']bbYf\U`V'XYf
: c`X]b[4 \ca Y!7ca a i b]hmiØVYf'i bgYfY'6Yn]Y\i b['ni
?fmdhck À\fi b[Yb'a ØW hYb'k]f'X]YgY'; Y'Y[Yb\Y]h

bi hnYbži a 'Y]bY'cZZ[n]Y''Y'9f_`Äfi b['UVni [YVYb"
: c`X]b[4 \ca Y'i bhYfghØhnh'XYfnY]h'_Y]bY
? fmdhc k Ä\fi b[Yb'UVYf'k]f'ZYi Yb'i bgža]h
HY]'bY\ a Yfb'a]h'Y]bYf'J]Y'nU\`j cb'A ch]j Uh]cbYb']b
? cbhU_h'ni 'hfYhYb"'9[U'ž'cV'G]Y'XUfUb']bhYfYgg]Yfh'g]bXž
? fUb_\Y]hYb'ni '\Y]'Ybži bgYf'J YfghÄbXb]g'XYf
: i b_h]cbgk Y]gY'XYf'K Y'h'ni 'Yfk Y]hYfbž'ni 'gY\Ybž'k Yf'XYb
gWk bY`ghYb'7ca di hYf'VUi Yb'_Ubbž'cXYf'? fmdhc k Ä\fi b[
ni 'j YfX]YbYb"'9g' []Vh'Y]bY''Ub[Y'; YgWk]Wk hY'j cb
HY]'bY\ a Yfb'Ub': c`X]b[4 \ca Yž'X]Y'5bk YbXi b[Yb'j cb
8f]hhUbV]YhYfb'Yb'k]W_Y'bž'X]Y'X]Y'7ca a i b]hm
j YfVYggYfbž'i bX'k]f'gY\Yb'? fmdhc k Ä\fi b[Yb'U`g']b'X]YgY
? UhY[cf]Y'ZU''YbX"'i bgYfY'F]Wk h']b]Yb'k YfXYb']a a Yf'j cb
XYf'K]ggYbgWk UZh'X]_h]Yfhž'X]Y'X]Y'; fi bX'U[Y'j cb
: c`X]b[4 \ca Y'V]'XYhž'UVYf'X]Y'5i ZfYWk hYf\U`hi b['Y]bYg
? cbg]ghYbnb]j YUi gž'XUg'YXYb'XUni 'Ub'fY[hž'k Y]hYf\]b'Ub
XYa 'Dfc'Y_h'hY]'ni bY\ a Ybž'\Uh'\c\Y'Df]cf]hÄh"

⊕: cfYb'ZØf'bYi Y'i bX']bhYfYgg]YfhY': fY]k]''[Y'_ca a h'Y]b'6Y]hfU[
j ca 'C_hcVYf'&\$&%] cb'Y]bYa '6Ybi hnYfž'XYf'gU[hž'XUgg'Yf'[Y\Öfh
\Uhž' X]YgYg'8]b[']gh['Y]Wk nY]h['Y]b'8c[YWk]b!A]bYf ž'i bX'ZFU[h
K]Y'VY_ca a Y]Wk '8c[Y'Ui g': U< \YfUi g'i bX'k]Y'hfYhY']Wk
Y]bYa 'HYUa 'VY]'3

K]f'_ÖbbYb'Ui Wk 'b]Wk h'i a \]b'ZYghni ghY''Ybž'XUgg'XYf
DfYggYa]hY]'i b['j cb'8fi [']_Y'Y]bY' GUZY'<UfVcf !9f_`Äfi b[
Zc`[hž'bi f'ZØf'XYb': U''ž'XUgg'X]Y'j cb'XYf'D`UhhZcfa '[Yd`UbhYb
Hc_Yb'U`g'K YfhdUd]YfY'Ub[YgY\Yb'k YfXYb"'G_fY']]'gh'Yg
bUhØf']Wk 'Ui Wk 'i bhYfgU[hž'U`g'Y]hYbXYf'5b[YghY''hYf'cXYf'8]fY_hcf
j cb'ÖZYbh']Wk Yb'i bhYfbY\ a Yb'ni 'Zi b[]YfYbž'XU\Yf'Yb'h\Ä'h'XUg
K \]hYdUdYf'Y]bYb'<UZhi b[gUi ggWk 'i ggž'XYf'VYgU[hž' ZU''g'i bX
k Ubb'8fi [']_Y''''''Y]b'5b[YVch]b'XYb'J YfY]b][hYb'GhUUhYbž'k]fX
XUg'5b[YVch'k U\fgWk Y]b']Wk 'bi f'U__fYX]h]YfhYb'⊕j Yghc'fYb'ni f
J YfZØ[i b['ghY\Yb"'

E i Y`Y.:]bUbW]U`H]a Yg

8YhU]`g

6Ygi W\Yb`G]Y`i bg`Ui Z.`_fmdhc!bYk g"Uh