

F Y [] Y fi b [g _ f] g Y b ' Ø V Y f k i b X Y b . ' G c
ghUfhYh'X]Y' bYi Y '? c U`]h]cb`]b` X]Y` Ni _i b Zh°

⊖`Y]bYf`YbHgWXY]XYbXYb`K YbXi b[`ZØf`X]Y` ÒghYffY]W]gWXY
Dc`]h]_`k i fXY` \Yi hY` X]Y` bYi Y` 8 fY]Yf_cU`]h]cb` Ui g`² J Dž`GD²
i bX` B 9 C G`]a` K]YbYf` 5fgYbU` `cZZ]n]Y` `Ub[Y`cVh` 5b[YZØ` \fh
j cb`² J D! ? Ubn`Yf` 7 \f]gh]Ub` GhcW_Yf`i bX` J]nY`_Ubn`Yf` 5bXfYUg
6UV`Yf`j cb`XYf`GD² `k YfXYb`X]Y`A]b]ghYfdcghYb`a]h`Y]bYf
J]Y`nU` \`j cb`dc`]h]gWXYb` J YfhfYhYfb` VYgYmh` 8 Uni` nÅ` \Yb
; Yf` \UfX` ? UfbYf` fHbYfYgŁ` K c` Z[Ub[` < Uhha` UbbgXcfZYf
fK]fhgW UZhŁ` ? `Ui X]U` HUbbYf` fU` YfhY]X][i b[Ł`i bX` BcfVYfh
HchgW b][`f@UbXk]fhgW UZh`i bX` i a k Y`hgW i hnŁ`Ui g`XYb
F Y]\Yb`XYf`² J D` 8]Y`GD² `YbHgYbXYh`i bhYf`UbXYfYa` A Uf`_i g
A UfhYfvUi Yf`f]]bUbnYbŁ`i bX` 5bbU`GdcffYf`fŁ` gh]nŁ`]b`X]Y
F Y [] Y fi b [ž`k Å` \fYbX`ZØf`X]Y` B 9 C G` 6YUhY`A Y]b`!F Y]g]b[Yf
fŸ`i » YfYgŁ`i bX` 7 \f]ghcd` \`K]YXYf`_Y` \f`fŁ`]Xi b[Ł`U`g`A]b]ghYf
YfbUbbh`k i fXYb` 5i W`XfY]`GhUUhgY`_fYhÅfY` / Ua` d`Λ`Y`]d`/



⊖`Y]bYf`YbHgWXY]XYbXYb`K YbXi b[`ZØf`X]Y` ÒghYffY]W]gWXY`Dc`]h]_`
k i fXY` \Yi hY` X]Y` bYi Y` 8 fY]Yf_cU`]h]cb` Ui g`² J Dž`GD² `i bX` B 9 C G
]a` K]YbYf` 5fgYbU` `cZZ]n]Y` `Ub[Y`cVh` 5b[YZØ` \fh]j cb`² J D! ? Ubn`Yf
7 \f]gh]Ub` GhcW_Yf`i bX` J]nY`_Ubn`Yf` 5bXfYUg` 6UV`Yf`j cb`XYf`GD²
k YfXYb`X]Y`A]b]ghYfdcghYb`a]h`Y]bYf`J]Y`nU` \`j cb`dc`]h]gWXYb

J YfhfYhYfb`VYgYhnh"8Uni`nA\`Yb` ; Yf\UfX`? UfbYf`fHbYfYgŁž
K c`Z[Ub[`fU`YfhY]X][i b[Łi`bX`BcfVYfh`HchgWb][`f@UbXk`fhgWUZh`i`bX
l`a`k`Y`hgW`i`hnŁž`Ui`g`XYb`FY`\Yb`XYf`²`J`D"8]Y`GD²`Yb`hgYb`XYh
i`bhYf`Ub`XYfYa`A`Uf`_i`g`A`UfhYfVUi`Yf`fi`]b`Ub`nYb`Łi`bX`5`bb`U
GdcffYf`fŁž`gh]nŁž]b`X]Y`FY[]Yfi`b[ž`k`A`fYbX`ZØf`X]Y`B`9C`G`6Y`UhY
A`Y]b`!FY]g]b[Yf`fY`i`»`YfYgŁž`i`bX`7`f]ghcd`k`]YXYf`_Y`f`f`b]`Xi`b[Ł
U`g`A`]b]ghYf`Yfb`Ubb`h`k`i`fXYb`"5i`W`X`fY]`GhUUhgY`_fY`h`fY`XYf`²`J`D
i`bX`GD²`gck`]Y`Y]b`GhUUhgY`_fY`h`f`XYf`B`9C`G`k`YfXYb`]b`X]Y`b`Yi`Y
FY[]Yfi`b[]b`hY[f]Yf`h`ž`k`]Y`j`]Yb`b`U`"Uh`VYf]W`hY`hY"

8]Y`Ni`gh]a`a`i`b[`ni`f`?`cU`]h]cb`k`i`fXY`]b`Y]b`Yf
A`h[`]YXYfj`YfgUa`a`i`b[`XYf`B`9C`G`]b`XYf`6U`cb`U`Y`XYg`K`]Yb`Yf
5fgYbU`g`a`]h`ØVYfk`A`h][`Yb`XYb`-`(`ž%`Dfc`nY`bh`Yfn]Y`h" B`9C`G!
7`Y`Z]b`6Y`UhY`A`Y]b`!FY]g]b[Yf`gd`fUW`k`A`fYbX`XYf`5Vgh]a`a`i`b[
j`cb`Y]b`Ya`_`]ghcf]gW`Yb`A`ca`Y`bh`ZØf`]f`HYUa`i`bX`VY`hc`bhY`X]Y
6YXYi`hi`b[ž`ØVYf`X]Y` ; fY`bn`Yb`j`cb`Dc`]h]_i`bX`_i`fn`Zf]gh][`Yb
K`U`Yf[YVb]ggYb`_`]b`Ui`gni`XYb`_Yb`" C`b`Y`i`bg`k`]fX`g]W`b]W`hg
Ab`XYfb`ž`Yf`_`A`fhY`g]Y`]b`Y]b`Yf`Y]XYbgW`UZh]W`Yb`FY`XY"7`f]ghcd`
K`]YXYf`_Y`f`ž`XYf`U`g`6]`Xi`b[ga`]b]ghYf`Z`b[]YfYb`k`]fX`ž`k`Ufb`hY.
8Ug`k`]fX`U`f`h`ž`k`Ug`j`cf`i`bg`ghY`h`ž`i`bX`UddY`]YfhY`Ub`X]Y
A`h[`]YXYfž`X]Y`J`g]cb`Yb`XYf`DUfhY]`]b`XYf`FY[]Yfi`b[`i`a`gY`hn`Yb`ni
k`c`Yb`ž`k`]Y`CF`:`VYf]W`hY`hY"

⇒`F`U`a`Yb`XYf`5a`hgØVYf[UVY`k`]fX`XYf`gW`Y]XYb`XY
⇒`hYf]a`g`Ub`n`Yf`5`Yi`Ub`XYf`GW`U`Yb`VYf[`XUg`?`Ub`n`Yf`Ua`h`Ub
7`f]gh]Ub`Ghc`W`Yf`ØVYf[YVYb"8]Y`FY[]Yfi`b[gYf`_`A`fi`b[`]a
B`Uh]cb`U`f`Uh`gc`Ua` : fY]hU[`Zc`Yb"9]b`VYa`Yf`_Y`bgk`YfhYf`5gdY`_h
]ghž`XUgg`XUg`B`9C`G!HYUa`gY`Vgh]b`NY]hYb`XYf`j`Yf[Ub[Yb`Yb
J`Yf`Ub`X`i`b[Yb`ž`X]Y`Ub`Z`Ub[g`_f]h]gW`VYk`YfhY`h`k`i`fXYb`ž`bi`b`ghc`n
Ui`Z]\`f`9f[YVb]g`V`]W`Yb`_`Ubb`" K`]f`g]bX`[i`h`hfU]b]Yf`h`ž`ZØ[hY
K`]YXYf`_Y`f`cdh]a`]gh]gW`_`]bni`i`bX`ghY`hY`_`Uf`ž`XUgg`X]Y
_Øb`Zh][`Yb`J`Yf`Ub`X`i`b[Yb`a`]h`²`J`D`i`bX`GD²`Yf`gh`f]W`h][`VY[]bb`Yb
k`YfXYb"8]Y`VfY]hYb`FYU`_h]cb`Yb`Ui`Z`X]Y`B`9C`G!9b`hgW`Y]Xi`b[
i`a`ZUggYb`?`f]h]_j`cb`XYf` : D²`ž`X]Y`XYb`b`Yi`Yb`?`cU`]h]cb`gd`Uf`hb`Yf`U`g
d]b`_Yb`Gh`Ø`hf`A`XYf`VY`nY]W`b`Y`hY`ž`k`Ug`Gd`Ubb`i`b[Yb`i`bX
<`Yf`Ui`g`Zc`fXYfi`b[Yb`ZØf`X]Y`b`Yi`Y`FY[]Yfi`b[`Ub`XYi`hY`h"

?i fnY`K YfVYY]bV`YbXi b[
C fh`XYg`; YgWY\Ybg8YhU]`g`ni f`A Y`Xi b[K Ug`]gh
dUgg]Yfh3FY[]Yfi b[gV]`Xi b[ð`k Y`WYb`FY[]cbYb3K]Yb; YbUi Yf
C fh`VY_Ubbh3J]YbbUž`2 ghYffY]W 6YghY`FYZYfYbnj]Y**b b U"Uh**K Y]hYfY
E i Y`Yb**c f Z"Uh**

Gci fW. :**X]Y!b UW f]W hY b"Uh**

8YhU]`g

6Ygi WYb`G]Y`i bg`Ui Z. :**X]Y!b UW f]W hY b"bYh**