

ϕX]gWΛ Y `? fmdhc]bXi ghf]Y`ghfYVh
GhYi Yf_`Uf\Y]h`ja `l b]cbg\Ui g\U`h
&\$&&!&' `Ub ` `GhYi Yfb

9]b`]bX]gWΛ Yf`ϕXi ghf]Yj YfVUbX`\Uh`Ub`XYb` :]bUbna]b]ghYf
XYg`@UbXYg`[YgWΛ f]YVYb`i bX`i a `? `Uf\Y]h`ØVYf`X]Y
6YghYi Yfi b[`j cb`? fmdhc k Å\fi b[Yb`ja `l b]cbg\Ui g\U`h
&\$&&!&' [YVYhYb`" 8Yf`<Ui g\U`h`gc`hY`]XYU`Yfk Y]gY
_c\ÅfYbhY`FY[Y`b`ni f`X]fY`hYb`6YghYi Yfi b[`V]YhYb`i bX`XYf
; GH!F Uh`gc`hY`X]Y`5bk YbXVUf`_Y]h`XYf`6YghYi Yfi b[
XYhU]`Yfh`VYgWΛ fY]VYb`ž`gc bgh`[]Vh`Yg`J Yfk]ffi b[" `8]Y
ϕXi ghf]Y`k]`? `Uf\Y]h`]b`XYb`? fmdhc ghYi Yf[YgYhnYb`ja
l b]cbg\Ui g\U`h`&\$&&!&' `8Yf`]bX]gWΛ Y`ϕXi ghf]Yj YfVUbX
ϕX]UhYWΛ `Uh`Ub`X]Y` :]bUbna]b]ghYf]b`XYg`@UbXYg`ž`B]fa U`U
G]h\UfUa Ub`ž`VYnØ[`]WΛ`XYf`6YghYi Yfi b[`j cb
? fmdhc k Å\fi b[Yb`[YgWΛ f]YVYb`"8]Y`J YfY]b][i b[`j Yfhf]hh`X]Y
k]WΛ h][ghYb`? fmdhc k Å\fi b[gV`ØfgYb`]b`ϕX]Yb`ž`XUfi bhYf
7c]bgk]hWΛ `?i VYf`ž`K Un]fi `i bX`7c]bXW`" `ϕ`gY]bYa
GWΛ fY]VYb`VUh`XYf`J YfVUbX`XYb` :]bUbna]b]ghYf`i a `? `Uf\Y]h
VYnØ[`]WΛ`XYf`/ Ua d^Y`d/

9]b`]bX]gW Yf`ϕXi ghf]Yj YfVUbX`U`h`Ub`XYb` :]bUbna]b]ghYf
XYg`@UbXYg`[YgWf]YVYb`i bX`i a`?`Uf\Y]h`ØVYf`X]Y
6YghYi Yfi b[`j`cb`? fmdhck Å\fi b[Yb`]a`l`b]cbg\Ui g\U`h
&\$&&!&'`[YVYhYb`` 8Yf`<Ui g\U`h`gc``hY`]XYU`Yfk Y]gY
_c\ÅfYbhY`F Y[Y`b`ni`f`X]fY`_hYb`6YghYi Yfi b[`V]YhYb`i bX
XYf`; GH!F Uh`gc``hY`X]Y`5bk YbXVUf`_Y]h`XYf`6YghYi Yfi b[
XYhU]``]Yfh`VYgW fY]VYbž`gcbgh`[]Vh`Yg`J Yfk]ffi b["

8]Y`ϕXi ghf]Y`k]``?`Uf\Y]h`]b`XYb
? fmdhc ghYi Yf[YgYhnYb`]a`l`b]cbg\Ui g\U`h
&\$&&!&'

8Yf`]bX]gW Yf`ϕXi ghf]Yj YfVUbX`ϕX]UhYW`U`h`Ub`X]Y
:]bUbna]b]ghYf]b`XYg`@UbXYgž`B]fa`U`U`G]h\UfUa`Ubž`VYnØ[`]W`XYf
6YghYi Yfi b[`j`cb`? fmdhck Å\fi b[Yb`[YgWf]YVYb``8]Y
J YfY]b][i b[`j`Yfhf]h`X]Y`k]W]h][ghYb`? fmdhck Å\fi b[gVØfgYb`]b
ϕX]Ybž`XUfi bhYf`7c]bgk]hW`?i VYfž`K Un]fl`i bX`7c]bXW "

ϕ`gY]bYa`GW fY]VYb`VUh`XYf`J YfVUbX`XYb` :]bUbna]b]ghYf`i a
?`Uf\Y]h`VYnØ[`]W`XYf`? fmdhc!6YghYi Yfi b[`]a`l`b]cbg\Ui g\U`h
&\$&&!&'``8 Ug`6fUbW Yb[fYa`]i a`ZcfXYfhY`X]Y`F Y[]Yfi b[
Ui » YfXYa`Ui Zž`VYghY\YbXY`GhYi Yf[YgYhnY`ni`ÅbXYfbž`i a`? fmdhc!
5ggYhg`Y]bni VYn]Y\Yb``8Yf`DfÅg]XYbhi bX`79C`j`cb`ϕX]UhYW ž
F Ua`YYg\`?U]`UgUa`ž`gU[hY`[Y[YbØVYf`9hhYW.

8Yf`<Ui g\U`h`gc``hY`]XYU`Yfk Y]gY`_c\ÅfYbhY`F Y[Y`b`ZØf
X]Y`X]fY`_hY`6YghYi Yfi b[`Yb`h`U`hYb`i bX`XYf`; GH!F Uh`gc``hY
X]Y`5bk YbXVUf`_Y]h`XYf`6YghYi Yfi b[`XYhU]``]Yfh
VYgW fY]VYbž`gcbgh`_ca`a`h`Yg`ni`J Yfk]ffi b["

9]b][Y`? fmdhck Å\fi b[gVØfgYb`k`i`fXYb`VYgW`i`X][hž`X]Y`K`UfYb!
i bX`8]Ybgh`Y]ghi b[gghYi Yf`fl`GHĚ`\]bhYfnc[Yb`ni`U`VYb``ϕX]Ybg

; YbYfU`X]fY_h]cb`ZØf`GhYi Yf]bZcfa Uh]cbYb`ZØf`K UfYb`i bX
8]Ybgh`Y]ghi b[Yb`fB; ; ; ÷`i bhYfgi W`h`a Y`fYfY`?fmdhcZ]fa Yb`Ui Z
GhYi Yf\]bhYfn]Y\i b["

8]Y`8; ; =j cf`_i fnYa `ØVYfZU`Yb`[fc»Yb`?fmdhcK Å\fi b[gVØfgYb
i bX`YbhXYW_hY` a Ugg]j Y `; GH!I a [Y\i b["'8]Y`FUnn]U`U`h
6Yf]W`hYb`ni Zc`[Y`GhYi Yf\]bhYfn]Y\i b[`]a`K Yfhj cb`Yhk U`+\$
A`]]UfXYb`Fi d]Yb`ft ž(`A`]]cbYb`i G!8c`UfL`Ui Z[YXYW_h" ?fmdhc!
6ØfgYb`a UW`hYb`X]Y`JYfk]ffi b[`ØVYf`X]Y`GhYi Yf[YgYhnY`U`g
; fi bX`ZØf`X]Y`b]W`h`cfXbi b[g[Ya Å»Y`NU\`i b[`XYf`GhYi Yfb
j YfUbhk cfh`]W`"

...

÷X]UhYW`h`U`h:]bUbna]b]ghYf]b`B]fa U`U`G]h\UfUa Ub`Ui Z[YZcfXYfhž
?fmdhcK Å\fi b[Yb`U`g`X][]hU`Y`JYfa Ø[Ybgk YfhY`i bX`b]W`h`U`g
K Å\fi b[Yb`Ubni Yf_YbbYb"'8Yf`6fUbW`Ybj YfVUbX`h`U`h`Ui W`
Ya dZc`Ybž`dUi gW`U`%, i `; GH`bi f`Ui ZX]Y`Dfcj]g]cbYb`XYf
6ØfgYb`ni `Yf\YVYb"

÷X]Yb`h`U`h]a a Yf`bcW`_Y]b`; YgYhnž`XUg`?fmdhc!5ggYhg`X]fY_h
fY[Y`h`9]b`; YgYhnYbhk i fZ`ØVYf`?fmdhcK Å\fi b[Yb`gc`hY`]b`XYf
K]bhYfg]mi b[`XYg`DUf`Ua Ybhg`[YdfØZh`k YfXYbž`k i fXY`YXcW`
b]W`h`Ui Z[Y[f]ZZYbž`i bX`X]Y`]bX]gW`Y`FY[]Yfi b[`ØVYfUfVY]hYh`XYb
; YgYhnYbhk i fZ`bi b`6Yf]W`hYb`ni Zc`[Y"

; `Ui VYb`G]Yž`XUgg`X]Y`FY[]Yfi b[`]b`X]YgYa `X\ f
?fmdhcK Å\fi b[`]a`l`b]cbg`Ui g`U`h`Yfk Å`bYb`k]fX3
@UggYb`G]Y`Yg`i`bg]a`?ca`a`YbhUfVYfY]W`i`bhYb`k]ggYb"

.

? Yj]b`<Y`a g`

? Yj]bž`Y]b`Ghi XYbh`XYf`ŌghYffY]W]gW Yb`K]fhgW UZhgk]ggYbgW UZhYbž`ZUbX`6]hWŁ]b
]a`>U\ f`&\$%%`i bX`]gh`gY]hXYa`Y]b`9j Ub[Y`]gh`"GY]bY`-bhYfYggYb`"Y[Yb`]b`XYf`6]hWŁ]b!
G]W Yf\Y]hž`CdYb!Gci fW!GmghYa Ybž`BYhnk Yf_YZZY_hYb`i bX`XYf`GW b]hhghY`Y
nk]gW Yb`² _cbca]Y`i bX`? fmdhc[fUd\Y"

6]`Xb UWk Y]gY. `G\i hhYfghc W_ž`D]l UVUmž`K]_]`7ca a cbg

K Y]hYfY`VY`]YVhY`B UW f]W hYb

: U`g`8i`Yg`j YfdUggh`\Ugh

f[bWh]cbfKž`gž`]XŁ`o`j Uf`ġž`Zġ`1`X"[Yh9`Ya Ybhg6mHU[BUa YfgŁQ\$Q'
]ZifK"[Yh9`Ya Ybh6mXf]XŁ`fYhi fb/`ġ`1`X"WfYUhY9`Ya YbhfgŁ/`ġ"]X`1
]X/`ġ"gfWl "\hhdg. #AŁcbbYWh"ZUWVcc_"bYh#YbSl G#ġX_"ġ. l ZVa`1`%/
j Yfg]cb1 j`' "&"/Zġ"dUfYbhBcXY"]bgYfh6Y ZcfYfġž`ZġŁ/qfXcW a Ybhž
fgWf]dhfž`fZUWVcc_!`ġġX`fŁŁ/

8YhU]`g

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