

A cV]`Zi b_j Yfgcf[i b[`]a `@UbX_fY]g
7i I \Uj Yb.`HY`Y_ca `YfbYi Yfh`i bX
Yfk Y]hYfh°

8]Y`HY`Y_ca `j YfVYggYfh`X]Y`A cV]`Zi b_j Yfgcf[i b[`]a
@UbX_fY]g`7i I \Uj Yb`a `]h`- \$`GhUbXcfhYb`i bX`d`Ubh`k Y]hYfY
&+ `V]g`&\$&*" "

8]Y`XYi hgW`Y`HY`Y_ca ` \Uh`Y]bYb`VYXYi hYbXYb`GW`f]h`h`ni f
J YfVYggYfi b[`XYf`A cV]`Zi b_j Yfgcf[i b[`]a `@UbX_fY]g`7i I \Uj Yb
i bhYfbca a Yb`" `b`XYb`Y`h`h`Yb`nk Y]`A cbUhYb` \Uh`XUg
I bhYfbY`a Yb`nk Y]`bYi Y`@H9!GhUbXcfhY` \]bni Z0[hi bX`XUa `]h`X]Y
A cV]`Zi b_UVXYW`i b[`]b`XYf`FY[`]cb`Yf\YV`]W`Yf\0`h`8UXi fW
dfcZ]h]YfYb`X]Y`9]bk c`bYf`b]W`h`bi f`j cb`VYggYfYa `9a dZUb[`]b
]`fYb`K c`bi b[Yb`ž`gcbXYfb`Ui W`j cb`Y]bYf`i a ZUggYbXYfYb
BYmUVXYW`i b[`Yb`h`Ub[`k]W`h][Yf`J Yf`Y`fgUW`gYb`k]Y`XYf
5i hcVU`b`5&+`i bX`XYf`6U`bghfYW`Y`B]YXYfgUW`gYb`!K Ygh!
6fYa Yb"

⊕g[YgUa h`VYhfY]Vh`X]Y`HY`Y_ca `bi b`- \$`A cV]`Zi b_ghUbXcfhY`]a
@UbX_fY]g`ž`k Ug`Y]bY`<Ui g`U`hgUVXYW`i b[`]cb`Yhk U`- - `DfcnYbh
Yf[]Vh`8]YgY`9I dUbg]cb`]gh`Y]b`HY`]`XYf`GhfUhY[]Y`XYf`HY`Y_ca `ž
a `]h`XYf`gh`b`X][`k UW`gYbXYb`B UW`ZfU[Y`bUW`A cV]`Y
⊕hYfbYhX]Ybgh`Y]ghi b[Yb`GW`f]h`h`ni ` \U`h`Yb`GhYZUb]Y`<U`Y`ž`X]Y
I bhYfbY`a YbggdFYW`Yf]b`XYf`8Yi hgW`Yb`HY`Y_ca `ž`VYhcbh` 8Yf
6YXUfZ`Ub`6UbXVfY]hY`b]a a h`gh`b`X][`ni ` `fi bX`" \$`DfcnYbh`dfc
⊕\f`"8Yg`U`V`a UW`Yb`k]f`VY]a `A cV]`Zi b_Ui gVUi `k Y]hYf`HYa dc"

GhUhi g`i bX`D`ÀbY`Z0f`X]Y`Ni ` _i bZh

8 Ug`I bhYfbY`a Yb`d`Ubh`ž`V]g`&\$&*" `k Y]hYfY`&+ `A cV]`Zi b_ghUbXcfhY
]b`7i I \Uj Yb`ni `fYU`]g]YfYb`"8]YgY`bYi Yb`GhUbXcfhY`g]bX`HY]

Y]bYg`_cb]bi]Yf`]WYb`5i gVUi dfc[fUa a gž`XUg`Ui W
9fk Y]hYfi b[Yb`j cb`VYghY\YbXYb`i b_a UghYb`a]h`@H9`cXYf`gc[Uf
) ; `i a ZUgg`"8]Y`bÒh][Y`Ni gUa a YbUfVY]h`a]h`?ca a i bYb`i bX
; fi bXghØW_gY][YbhØa Yfb`]gh`\]YfVY]`i bYf`Àgg`]W`" `≠hYfYgg]YfhYž
X]Y` : `ÀWYb`ZØf`a Ò[`]WY`GhUbXcfhY`UbV]YhYb`k c`Ybž`_ØbbYb`g]W
X]fY`_h`Ub`X]Y`8Yi hgWY` : i b_hi fa `k YbXYb"

≈a `A ca Ybh`VYhfY]Vh`X]Y`HY`Y_ca `ØVYf`' *"\$\$\$
A cV]`Zi b_ghUbXcfhY`]b`8Yi hgW`UbX`i bX`gW`UZh`À\`f`]W`fi bX
%) \$\$`bYi Y`"8]Y`BUW`ZFU[Y`bUW`A cV]`Zi b_X]YbghYb`V`Y]Vh`ghUf`_
i bX`X]Y`HY`Y_ca `fYU[]Yfh`XUfUi Za]h`_cb`fYhYb`A U`bU`a Yb.`8]Y
≠j Ygh]h]cbYb`]b`X]Y`≠ZfUghfi _hi`f`g]bX`XUg`9f[YVb]g`XYg
ni bY`a YbXYb`6YXUfZg`Ub`gW`bY`Yb`i bX`ni j Yf`Àgg][Yb
≠hYfbYhj YfV]bXi b[Ybž`X]Y`]b`XYf`\Yi h][Yb`X][]hU`]g]YfhYb`K`Y`h
i bj Yfn]W`hVUf`g]bX"

≠bZcfa Uh]cb`i bX`? cbhU`_ha Ò[`]W`_Y]hYb

I a `g]W`ØVYf`X]Y`J YfZØ[VUf`_Y]h`j cb`A cV]`Zi b_X]YbghYb`Ub`]\fYa
K c\bcfh`ni `]bZcfa]YfYbž`_ØbbYb`X]Y`6Øf[Yf`X]Y`K YVgY]hY`XYf
HY`Y_ca `VYgi WYb`"8cfh]Z]bXYb`g]Y`i a ZUggYbXY`≠Zcfa Uh]cbYb
ni a `BYhnUi gVUi `i bX`XYb`a Ò[`]WYb`_ØbZh][Yb`GhUbXcfhYb`" : Øf
æi fbU`]ghYb`i bX`A YX]Ybj YfhfYhYf`[]Vh`Yg`Ui W`gdYn]Y`Y
?cbhU`_ha Ò[`]W`_Y]hYbž`i a `U`_hi Y`Y`≠Zcfa Uh]cbYb`ni `Yf`U`hYb
cXYf` : fU[Yb`ni `'_ÀfYb`"8Yf`?cbhU`_h`ni `GhY`ZUb]Y`<U`Yž`XYf
DfYggYgdYfW`Yf]bž`]gh`ØVYf`X]Y`Ub[Y[YVYbY`HY`YZcbbi a a Yf`cXYf
X]Y`9!A U]!5XfYggY`X]fY`_h`a Ò[`]W`"

8]Y`J YfVYggYfi b[Yb`]a `A cV]`Zi b_bYhn`g]bX`b]W`h`bi f`Y]b
hYW`b]gW`Yg`l dXUhYž`gcbXYfb`hfU[Yb`Ui W`ni f`U`[Ya Y]bYb
@YVYbgei U`h`Àh`XYf`5bk c`bYf`VY]"`≠`Y]bYf`NY]hž`]b`XYf`X]Y
5V`Àb[][_Y]h`j cb`a cV]`Yb` ; Yf`ÀhYb`ni bY`a YbX`k `ÀW`ghž
VYXYi hYh`Y]bY`ni j Yf`Àgg][Y`BYhnj YfV]bXi b[`ZØf`j]Y`Y`A YbgW`Yb
b]W`h`bi f`6Yei Ya `]W`_Y]hž`gcbXYfb`Ui W`G]W`Yf`Y]h`i bX`Ni [Ub[
ni `k]W`h][Yb`≠Zcfa Uh]cbYb`"8]Y`HY`Y_ca `gYhnh`a]h`]\fYa
9b[U[Ya Ybh`Y]b`ghUf`_Yg`NY]W`Yb`ZØf`X]Y`Ni `i bZh`XYf
?ca a i b[_Uh]cb`]a `@UbX`_fY]g`7i l \Uj Yb"

9]b`k Y]hYfYf`GW f]hh`]b`X]Y`X][]hU`Y`Ni`_i bZh

A]h`XYf`i`a`gYhni`b[`X]YgYf`D`AbY`nY][`h`X]Y`8Yi`hgW`Y`HY`Y`_ca`]\f
6YghfYVYbž`Ui`W`]b` `AbX`]W`Yb`F`Y[]cbYb`Y]bYb`[`Y]W`k`Yfh][`Yb
Ni`[`Ub[`ni`X][]hU`Yf` `ZfUghfi`_hi`f`ni`[`Yk`A`f`Y]ghYb`"8Yf`5i`gVUi
XYg`A`cV]`Zi`b`_g]b`7i`I` \Uj`Yb`_`ObbhY`U`g`A`cXY`"Z0f`A`b`]W`Y
`b]h]Uh]j`Yb`]b`UbXYfYb`F`Y[]cbYb`X]YbYbž`X]Y`YVYbZU`g`j`cb`Y]bYf
j`YfVYggYfhYb`BYhnUVXYW`_i`b[`d`f`c`Z]h]YfYb`_`ObbhYb`"8]Y
`cbh]bi`]Yf`]W`Y`C`dh]a`]Yfi`b[`XYf`A`cV]`Zi`b`]bZfUghfi`_hi`f`]gh
Yb`hgW`Y]XYbXž`i`a` `XYb`ghY][`YbXYb`5bZcfXYfi`b[`Yb`XYf`X][]hU`Yb
HfUbgZcfa`Uh]cb`[`YfYW`h`ni` `k`YfXYb`"8Ybb`Y]bYg`]gh`_`Uf.` `X`Yf
j`YfbYhnhYb`K`Y`h`j`cb` \Yi`hY`]gh`Y]bY`ghUV]`Y`i`bX`Y]ghi`b[`gZ`A`][`Y
A`cV]`Zi`b`_j`YfV]bXi`b[`Y]b` ;`fi`bXdZY]`Yf`Z0f`X]Y`dYfgOb`]W`Y`i`bX
VYfi`Z]W`Y`9bhzU`hi`b[`"

8]Y`A`cV]`Zi`b`_]bZfUghfi`_hi`f`]b`8Yi`hgW` `UbX` \Uh]b`XYb` `YhnhYb
`U` \fYb`Y]bYb`VYXYi`hgUa`Yb`K`UbXY` `Xi`fW` `Ui`Zb`"8Yf`5i`gVUi` `XYf
A`cV]`Zi`b`_bYhnYž`]bgVYgcbXYfY`]b` `AbX`]W`Yb`F`Y[]cbYb`k`]Y`XYa
@UbX`_fY]g`7i`I` \Uj`Ybž`]gh`bchk`YbX][`ž`i`a` `XYb`ghY][`YbXYb
5bZcfXYfi`b[`Yb`Ub`a`cV]`Y`8UhYb`[`YfYW`h`ni` `k`YfXYb`"8]Y
B`UW`ZfU[`Y`b`UW` ` \O`YfYb`6UbXVfY]hYbž`X]Y`b]W`h`bi`f`]a` `d`f]j`UhYb
6YfY]W` `Ub`6YXYi`hi`b[`[`Yk`]bbYbž`gcbXYfb`Ui`W`Z0f`i`bhYfbY`a`Yb
i`bX`OZZYbh]W`Y`9]b]W`hi`b[`Yb`i`bYf`Agg`]W`g]bXž`Yb`hk`]W`_`Y`h`g]W`
XmbUa`]gW`"

<]bhYf[fi bX`XYf`A`cV]`Zi`b`_j`Yfgcf[i b[

8]Y`A`cV]`Zi`b`_j`Yfgcf[`i`b[`]b`8Yi`hgW` `UbX`]gh]j`cb`Y]bYa
K`YhVYk`YfVga`Uf`_h[`Ydf`A[`hž`]b`XYa` `a`Y`fYfY`5bV]YhYf`i`a` `X]Y
;`i`bgh`XYf`?`i`bXYb`_`A`a`dZYb`"8]Y`6i`bXYgbYhU[`Ybhi`f` \Uh]b`XYb
`YhnhYb` `U` \fYb`a`Y`fYfY` :`fYei`YbnUi`_h]cbYb`Xi`fW`[`YZ0` \fhž`i`a
g]W`Yfni`ghY` `Ybž`XUgg`X]Y`BYhnVYhfY]VYf`X]Y`bchk`YbX][`Yb
:`fYei`YbnYb`Z0f`XYb`5i`gVUi` `]`fYf`BYhnY`Yf`U`hYb`" `b`XYf`YfghYb
A`cV]`Zi`b`_bYhn!5i`_h]cb`&`\$`%`-`k`i`fXYb`k`]W`h][`Y
:`fYei`YbnfYggci`fW`b`j`Yf[`YVYbž`X]Y`]bgVYgcbXYfY`Z0f`);`!
5bk`YbXi`b[`Yb`bchk`YbX][` `g]bX"

Ni`g`A`h`]W` ` \Uh`X]Y`6i`bXYgfY[]Yfi`b[` `b]h]Uh]j`Yb`Yf[`f]ZZYbž`i`a` `X]Y

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