

### 6i bXYgdc`]nY] 5UWXYb. A Ubb a ]h 9]bfY]gYj YfVch VY]; fYbnØVYfhf]hh ZYgh[ Ybca a Yb

6i bXYgdc`]nY]'BFK 'b]a a h'(,!'À\f][Yb'≈fXUb]Yf'bUW\ibYf`Ui VhYf'9]bfY]gY'ZYgh"'5a hg[Yf]W\h'VYUbhfU[h G]W\Yfi b[g\UZh'ZØf'5VgW\]YVi b["

5UWX Yb ftchgŁ

8]Y'6i bXYgdc`]nY]'\Uh'Ua 'GcbbhU[ 'Y]bY'Y]bXfi W\_gj c``Y
: YghbU\a Y'j cf[ Ybca a Yb"'9]b'(,!A\f][ Yf'A Ubb'Ui g'xcfXUb]Yb
k i fXY'Ua 'Y\Ya U`][ Yb'; fYbnØVYf[ Ub[ '5UWXYb!6]`XWXYb
Ui Z[ Y[ f]ZZYbž'bUWXXYa 'Yf'i bYf`Ui Vh'bUWX'8Yi hgWX`UbX'Y]b[ YfY]gh
k Uf"'8]Yg'[ YgWXU\'hfchn'Y]bYg'VYghY\YbXYb'9]bfY]gY!'i bX
5i ZYbh\U`hgj YfVchYgž'XUg'[ Y[ Yb']\b'[ Yf]WXh`]WX'j Yf\Ab[ h'k cfXYb
k Uf"'9f'k i fXY']b'XYf'BUWXh'YbhXYW\_hž'U`g'Yf'ni gUa a Yb'a ]h'j ]Yf
k Y]hYfYb'DYfgcbYb'c\bY'[ Ø`h][ Y'DAggY'X]Y'; fYbnY'ØVYfei YfhY''
5``Y'ZØbZ'DYfgcbYb'k i fXYb'XUfUi Z\]b'ni f'8]YbghghY``Y'Ua
<Ui dhVU\b\cZ']b'5UWXYb'[ YVfUWXh''

#bhYfYggUbh']ghž'XUgg'XYf'\*EfXUb]Yf'VYfY]hg']a 'A Àfn'X]YgYg'\$J\fYg
j cb'XYb'XYi hgWXYb'6Y\OfXYb']b'gY]bY'<Y]a Uh'UV[YgWkcVYb
k cfXYb'k Uf"'J cf'gY]bYf'5VgWk]YVi b['\UhhY'Yf'a Y\fa U`g
j Yfgi WkhYž'X]Y'6Y\OfXYb'ØVYf'gY]bY'k U\fY'=XYbh]hÀh'ni 'hÀi gWkYbž
]bXYa 'Yf'ZU`gWkY'5b[UVYb'a UWkhY"'BUWk'`Ub[Yb'FYWkYfWkYb
\_cbbhYb'X]Y'YWkhYb'DYfgcbU`]Yb'XYg'A UbbYg'ZYgh[YghY'`h'k YfXYbž
i bX'X]Y'6Y\OfXYb'gWkYi hYb'\_Y]bY'A Ø\Ybž]\b'ni fØW\_ni ZØ\fYb"
8 cWk'XYf'A Ubb'gWk]Yb'b]Wkh'[Yk]``h'ni 'gY]bž'g]Wk'Ub'X]Y'FY[Y`b
ni '\U`hYb"'<Y]`Zfc\'XUfØVYfž'i bYf\_Ubbh'ni 'V`Y]VYbž'j YfghYW\_hY'Yf
gY]bYb'FY]gYdUgg']a 'GWki\'i bX'\cZZhYž'X]Yg'k ØfXY'gY]bY'YfbYi hY
9]bfY]gY'Yf'Y]WkhYfb"</pre>

#### 8]Y I a ghÀbXY XYf ZYghbU\a Y

8]Y'6i bXYgdc`]nY]'fYU[]YfhY'i a [Y\YbX'i bX'\_cffY\_h'Ui Z'X]Y
i bYf`Ui VhY'9]bfY]gY'XYg'&fXUb]Yf"'9g']gh'b]W\h'bi f'Y]bY
[YZÀ\f`]W\Y'< UbX`i b[gk Y]gYž'gcbXYfb'nY][h'Ui W\'XUg
Jcf\UbXYbgY]b'Y]bYf'[i h'cf[Ub]g]YfhYb'?cbhfc``ghfi\_hi f'Ybh`Ub[XYf'; fYbnY"'6Y]'XYf'8i fW\gi W\i b['YbhXYW\_hYb'X]Y'6YUa hYb
gY]bYb'FY]gYdUggž'k Ug'gW\`]Y»`]W\'ni 'gY]bYf'=\XYbh]Z]n]Yfi b[
ZØ\fhY"'8U'Yf'VYfY]hg'ni j cf'k Y[Yb'j YfgW\]YXYbYf'8Y`]\_hY']b
9fgW\Y]bi b['[YhfYhYb'k Ufž'k Uf'X]Y'Dc`]nY]'VYghYbg'j cfVYfY]hYh
Ui Z'gY]bYb'YfbYi hYb'J Yfgi W\ž'bUW\'8Yi hgW\`UbX'ni '[Y`Ub[Yb"

8]Y'k Y]hYfYb'j ]Yf'DYfgcbYbž'X]Y'XYf'æfXUb]Yf'VY[ `Y]hYhYžghY``hYbgdÀhYf'5bhfÀ[ Y'Ui Z'5gm`i bX'k i fXYb']b'Y]bY
5i ZbU\a YY]bf]W\hi b[ 'ØVYfZØ\fh"8]YgY'J cf[ Y\Ybgk Y]gY
i bhYfghfY]W\h'X]Y'\_ca d`Yl Y'@U[ Yž']b'XYf'j ]Y`Y'A ][ fUbhYb'g]W\VYZ]bXYbž'k Ybb'g]Y'j Yfgi W\Ybž']b'UbXYfY'@\AbXYf'ni '[ Y`Ub[ Ybž'cZhibYYf'UVYbhYi Yf']W\Yb'i bX']``Y[ U`Y'l a gh\AbXYb"

#### F Y W h`] W Y 'G W f] hh Y 'i b X ': c`[ Y b

<Yi hY'ghY\h'X]Y'JcfZØ\fib['XYg'&fXUb]Yf'VY]a '5a hg[Yf]W\h']b
5UW\Yb'Ubž'k c'X]Y'6YUbhfU[ib['jcb'G]W\Yfib[g\UZh'ZØf'gY]bY
VYjcfghY\YbXY'5VgW\]YVib['VY\UbXY`h'k]fX"'8]YgY'fYW\h']W\Yb
GW\f]hhY'g]bX'YggYbn]Y``žia 'g]W\YfnighY``Ybž'XUgg'X]Y
[YgYhna A\*][Yb'JYfZU\fYb'Y]b[Y\U`hYb'kYfXYbž'ibX'ia 'ni
jYf\]bXYfbž'XUgg'Yf'YfbYih'X]Y'; fYbnY'ØVYfeiYfhibX'Y]bY
a Ò[`]W\Y'K]YXYf\c`ib['gY]bYg'JYf\U'hYbg'ghUhhZ]bXYb'\_ObbhY"
8]Y'6Y\OfXYb'\UVYb'X]Y'DZ]W\hž'X]Y'; YgYhnY'nif'9]bfY]gY'ibX
nia '5i ZYbh\U`h'ni'k U\fYb"; YJW\nY]h]['ghY\h'X]YgYf': U``
YIYa d`Uf]gW\'ZØf'X]Y'< YfUi gZcfXYfib[Ybž'X]Y'VY]'XYf
, VYfk UW\ib['ibX'F@W\_ZØ\fib['jcb'DYfgcbYb'YbhghY\Ybž'X]Y
[Y[Yb'X]YgY'; YgYhnY'jYfghc\*Yb"</pre>

Ni gàhn`]W\`]gh`Yg`Yfk à\bYbgk Yfhž`XUgg`XYf`: U```XYg`&fXUb]Yfb]W\h`]gc`]Yfh`]ghž'gcbXYfb`HY]``Y]bYg`[fò»YfYb`HfYbXg`jcb [fYbnØVYfgW\fY]hYbXYb`A][fUh]cbYbž'kc'AYbgW\Yb`cZh`f]g\_UbhY 9bhgW\Y]Xib[Yb`hfYZZYbžia`]b`Y]b`UbXYfYg`@UbX`ni`[Y`Ub[Yb" 8]YgY'JcfZÀ``Y'k YfZYb': fU[Yb'ØVYf'X]Y'K]f\_gUa\_Y]h'XYf VYghY\YbXYb'FY[Y`i b[Yb'i bX'Dc`]nY]ghfi \_hi fYb'Ui Z'i bX YfZcfXYfb'Y]bYb'Zcfhk À\fYbXYb'8]U`c['ØVYf'X]Y'6U`UbWY'nk]gW\Yb G]W\Yf\Y]h'i bX'\i a Ub]hÀfYb'5gdY\_hYb'VY]'XYf'6Y\UbX`i b['j cb A][fUbhYb"

8]Y'U\_hi Y``Yb'9fY][b]ggY'Ua '5UWXYbYf'; fYbnØVYf[Ub['g]bX'Y]b Y]bXfØW\_`]WXYg'6Y]gd]Y``ZØfX]Y'?ca d`Yl]hÀhXYg'H\Ya Ug A ][fUh]cb"'G]Y'nY][Yb'b]WXh'bi f'X]Y'<YfUi gZcfXYfi b[Ybž'a]h XYbYb'X]Y'6Y\ÒfXYb'\_cbZfcbh]Yfh'g]bXž'gcbXYfb'Ui WX'X]Y j Yfnk Y]ZY`hYb'G]hi Uh]cbYbž']b'XYbYb'g]WX'j ]Y`Y'A YbgWXYb VYZ]bXYbž'X]Y']b'XYf'<cZZbi b['Ui Z'Y]b'VYggYfYg'@YVYb'ZYfbY ; fYbnYb'ØVYfei YfYb"'+b'Y]bYf'NY]hž']b'XYf'A][fUh]cb'i bX ; fYbn[YgWXAZhY'j Yfa Y\fh'Ui Z'X]Y'HU[YgcfXbi b['fØW\_Ybž'V`Y]Vh UVni k UfhYbž'k Y`WXY'k Y]hYfYb'GWXf]hhY'X]Y'; YgYhn[YVYf'i bX 6Y\ÒfXYb'i bhYfbY\a Yb'k YfXYbž'i a 'X]YgYf'H\Ya Uh]\_'[YfYWXh'ni k YfXYb"

## 9]bfY]gY!'i bX'5i ZYbh\U`hgj YfVchY']b 8Yi hgW\`UbX

±0.8 Yi hgWX`UbX`[Y`hYb`ghfYb[Y`FY[Y`b`VYnØ[`]WX`XYf`9]bfY]gY`i bX
XYg`5i ZYbh\U`hg`j cb`5i g`ÀbXYfb"`DYfgcbYbž`X]Y`a ]h`Y]bYa
9]bfY]gY!`cXYf`5i ZYbh\U`hgj YfVch`VY`Y[h`g]bXž`XØfZYb`XUg`@UbX
b]WXh`VYhfYhYb`cXYf`g]WX`XUf]b`Ui Z\U`hYb"`Gc`WXY`JYfVchY`\_ÒbbYb
Ui g`j YfgWX]YXYbYb`; fØbXYb`j Yf\Àb[h`k YfXYbž`XUfi bhYf
J cfghfUZYbž`b]WXh`[YbY\a][hY`5i ZYbh\U`hY`cXYf`X]Y`; YZÀ\fXi b[
XYf`ÒZZYbh`]WXYb`G]WXYf\Y]h"`8]Y`6i bXYgdc`]nY]`\Uh`X]Y`5i Z[UVYž
X]YgY`JYfVchY`Xi fWX ni gYhnYb`i bX`i bYf`Ui VhY`9]bfY]gYb`ni
j Yf\]bXYfb"`@Ui h`XYa `6i bXYga ]b]ghYf]i a `XYg`±bYfb`k i fXYb`]a

±J\f`&\$&&\*ØVYf`' ("\$\$\$`i bYf`Ui VhY`9]bfY]gYb`]b`8Yi hgWX`UbX
fY[]ghf]Yfhž`k Ug`X]Y`Bchk YbX][\_Y]h`YZZY\_h]j Yf`A U» bU\a Yb`ni f
; fYbn\_cbhfc``Yi` bhYfghfY]WXh'`K Y]hYfY`±bZcfa Uh]cbYb`ni `XYb
fYWXh`]WXYb`; fi bX`U[Yb`V]YhYh`XUg`6i bXYga ]b]ghYf]i a `XYg
±bYfb"

#### 5\_hi Y``Y'< YfUi gZcfXYfi b[Yb'VY]'XYf

#### FØW\_ZØ\fib[

# NU\`Yb`i bX`GhUh]gh]\_Yb`ni f`5gm`!`i bX A ][ fUh]cbgdc`]h]\_

8]Y'l a gYhni b['X]YgYf'A U» bU\a Yb'YfZcfXYfh'\_cbh]bi ]Yf`]W\Y 5bdUggi b[Yb'i bX'Yf\YV`]W\Y'FYggci fWYbž'i a 'gck c\`'XYb fYW\h`]W\Yb'FU\a Yb'U`g'Ui W\'X]Y'dfU\_h]gW\Yb'<YfUi gZcfXYfi b[Yb ni 'VYk À`h][Yb"

# 6Ygi WXYb G]Y i bg Ui Z b!U[ "XY