

6ØW Yf'fi bX'i a g'K UbXYfb.'& k i bXYfVUfY'K UbXYf[YgW]W hYb

K]f'k YfZYb'Y]bYb'6`]W`Ui Z'Y]b][Y'XYf'VYghYb'6ØW Yf'ØVYf
XUg'K UbXYfbž'j cb'gdUbbYbXYb'5VYbhYi Yf[YgW]W hYb'V]g
`]b'ni`hYW`b]gW Yb'K UbXYfZØ\ fYfb'i bX'U`Ya`XUnk]gW Yb
K]f'\UVYb'X]Y'6YghgY`Yf`]ghYb'j cb'5a Uncb'i bX'; ccXfYUXg
ni gUa a Yb'a]h'Y]b][Yb'dYfgØb`]W Yb': Uj cf]hYb'j Yfk YbXYhž
i a`Y]bY`@]ghY'j cb'i bgYfYf'A Y]bi b[`bUW`[fc» Ufh][Yb
6ØW Yfb'ØVYf'XUg'K UbXYfb'ni gUa a Ybni ghY`Yb"&) `hc`Y
6ØW Yf'ØVYf'XUg'K UbXYfb'8]Y`@]ghY`]gh]b`_Y]bYf
VYgh]a a hYb'FY]\YbZc`[Y'Ui Z[YZØ\fh'i bX'Ybh`Å`h'Y]bY
A]gW i b[`Ui g'K UbXYfYf]bbYfi b[Ybž'X]Y]b'Gd]Y`Z]`a Y
i a [Yk UbXY'h'k i fXYbž'5i gfØghi b[g!'i bX': Y'XZØ\ fYf'gck]Y
]bgd]f]YfYbXY'5VYbhYi Yf[YgW]W hYb"K]X. 5`æi fbYmZfca
@cgh'hc': ci bXj cb'7\Yfm`GhfUmYX'8]YgY'6YghgY`Yf!
9f]bbYfi b[`fYhnh'Y]b'Gd]Y`Z]`a ĸ'nY]W bYh'X]Y'; YgW]W hY
Y]bYf'&&!>Å\ f][Yb/ Ua d^Y`]d/

K]f'k YfZYb'Y]bYb'6`]W`Ui Z'Y]b][Y'XYf'VYghYb'6ØW Yf'ØVYf'XUg
K UbXYfbž'j cb'gdUbbYbXYb'5VYbhYi Yf[YgW]W hYb'V]g`]b'ni
hYW`b]gW Yb'K UbXYfZØ\ fYfb'i bX'U`Ya`XUnk]gW Yb

K]f'\UVYb'X]Y'6YghgY`Yf`]ghYb'j cb'5a Uncb'i bX'; ccXfYUXg
ni gUa a Yb'a]h'Y]b][Yb'dYfgØb`]W Yb': Uj cf]hYb'j Yfk YbXYhž'i a
Y]bY`@]ghY'j cb'i bgYfYf'A Y]bi b[`bUW`[fc» Ufh][Yb'6ØW Yfb'ØVYf
XUg'K UbXYfb'ni gUa a Ybni ghY`Yb"

&) `hc`Y'6ØW Yf'ØVYf'XUg'K UbXYfb

8]Y`@]ghY`]gh]b`_Y]bYf'VYgh]a a hYb'FY]\YbZc`[Y'Ui Z[YZØ\fh'i bX
Ybh`Å`h'Y]bY`A]gW i b[`Ui g'K UbXYfYf]bbYfi b[Ybž'X]Y]b

Gd]Y`Z]a Y`i a [Yk UbXY`h`k i fXYbž`5i gfØghi b[g!`i bX` : Y`XZØ\ fYf
gck]Y`]bgd]f]YfYbXY`5VYbhYi Yf[YgW]W]hYb"

% " K]X. `5`æi fbYmZfca `@cgh`hc` : ci bXj cb`7\Yfm`GhfUmYX
8]YgY`6YghgY`Yf!9f]bbYfi b[`fYhnh`Y]b`Gd]Y`Z]a Ē`nY]W]bYh
X]Y` ; YgW]W]hY`Y]bYf`&&!`À\ f][Yb`bUW]ž`X]Y`X]Y`a i h][Y
i bX`]a di `g]j Y`9bhgW]Y]Xi b[`hfUž`a Y`f`U`g`%"\$\$\$\$`A Y`Yb
XYg`DUW]Z]W7fYgh`HfU]`ni `k UbXYfb"

&" 5`K U`_`5Wfcgg`5a Yf]WUj cb`DYhYf`>b_]bg`J cf`&) `>\ fYb
a UW]hY`g]W]Y]b`XYg]`i g]cb]YfhYf`† b[Yf`A Ubb`Ui ZXYb
K Y[`ei Yf`Xi fW]`5a Yf]_U``8]Yg`]gh`XUg`6i W]ž`XUg`Yf`ØVYf
X]YgY`F Y]gY [YgW]f]YVYb`U`h` `Y]b`_`Ugg]gW]Yf`6Yf]W]h
ØVYf`XUg`K]YXYfYfk UW]Yb`gY]bYg` ; `Ui VYbg`Ub`g]W]`gY`Vgh
i bX`gY]b`@UbX"

' " H\Y`D][f]a U[Y. `5`7cbhYa`dcfUfm`E i Ygh`Zcf`5bW]Ybh
K]gXca Vm`DUi `c`7cY`\c`DUi `c`7cY`\c`VYgW]fY]Vh`gY]bY
F Y]gY`ei Yf`Xi fW]`GdUb]Yb`Ybh`Ub[`XYf`Y[YbX`ÅfYb`GhfU`» Y
j cb`GUb`H]U[cž`X]Y`D][Yf`gY]h`XYa `A]hY`U`hYf`VYZU`fYb"

(" ðhc`h\Y`K]Xj cb`æb`?fU`Ui Yf`%- - &`hfUa`dhY`7\ f]g
A W]UbX`Ygg`bUW]`5`Ug`_`U`i bX`k UbXYfhY`U`Y]bY`]b`X]Y
K]Xb]g"J]Yf`A cbUhY`gd`ÅhYf`k i fXY`gY]b`j Yfk YghYf`?ØfdYf
YbhXYW`_`h`K]Y`A W]UbX`Ygg`ghUfVž`]gh`X]Y`i bj Yf[Ygg`]W]Y
; YgW]W]hY`j cb`ðhc`h\Y`K]X"

) " 5`K U`_`]b`h\Y`K ccXg.`K]YXYfYbhXYW`_i b[`5a Yf]_Ug`Ui Z
XYa `5ddU`UW]Ub`HfU]`j cb`6]`6fmgcb`ð`X]YgYa `K UbXYfYf!
6YghgY`Yfž`XYf`ni a `Gd]Y`Z]a `k i fXYž`Yfn`À`h`XYf`?`Ugg]_Yf
6fmgcb`j cb`gY]bYa `Yhk Ug`UVgi fXYb`J Yfgi W]ž`XYb
5ddU`UW]Ub`HfU]`ni `k UbXYfb"

`U`h1` 9]b`5ddU`UW]Ub`HfU]`!GW]`j`X` 2`9\`f`]Z#G\`i`hYfghc`W`_`8`Yf
5ddU`UW]Ub`HfU]`]gh`]b`a`Y`f`YfYb`6ØW]Yfb`Ui`ZXYf`@]ghY
Ybh`U`hYb

% " 6i g\WfUZh`%\$%`5` :]Y`X` ; i]XY`hc`h\Y`5fh`c`Z`K]XYfbYgg
Gi fj]j U`j cb`8Uj Y`7UbhYfVi fm6Ug]YfYbX`Ui ZXYb`ZØbZ`7g
XYf` , VYf`YVYbgZ`À][[_Y]h` `GW]bY]Xk Yf`_nYi [Yž
5VXYW`_i b[ž`J YfVfYbbi b[g[Yf`ÅhYž`6Y`À`hYf`i bX`HU`i k Yf`_
`VYfY]hYh`G]Y`6i g\WfUZh`%\$%`a]h`F`UhgW]`À[Yb`ni`f

<YfghY`i b[`Ui Z`ΔfY`bÀW ghY`K UbXYfi b[`j cf`X]Y`a Y]ghY
NY]h`ja `: fY]Yb"

&" ; fUbXa U` ; UhYk ccX g`K U`_ .`H\Y`ϕgd]f]b[`Ghcfm`cZ`h\Y
K ca Ub`K \c`GUj YX`h\Y`5ddU`UW]Ub`HfU]j cb`6Yb
A cbh[ca Yfm9a a U` ; UhYk ccXž`Y]bY`* +!`À\ f][Y
l f[fc» a i hhYfž`YfnÀ`hY`]\fYf` : Ua `]Yž`XUgg`g]Y`gdUn]YfYb
[Y\Yb`k ØfXY" `8 Ug`bÀW ghYž`k Ug`Ya UbX`j cb`]\f` \ ÒfhYž
k Ufž`XUgg`g]Y` , \$\$`A Y]`Yb`Ui Z`XYa `5ddU`UW]Ub`HfU]
[Y`Ui ZYb`k Uf"

' " K U`_]b[`h\Y`<]a U`UmUg, `5b`5Xj Ybhi fY`cZGi fj]j U`UbX
9bXi fUbW]j cb`@Yj]gcb`K ccXB UW]`gY]bYf`K UbXYfi b[
Yb`h`Ub[`XYg`B]`g`ghY`h`g]W]`XYf`9bhXYW`Yf`@Yj]gcb`K ccX
gY]bYf`V]g\Yf`[fÒ» hYb`<YfUi gZcfXYfi b[.`XYf`B Uj]][Uh]cb
Xi fW]`X]Y`hØW_]gW]Yb`5i g`Ài ZYf`XYg` \ ÒW ghYb` ; YV]f[Yg
XYf`K Y`h"

(" H\Y`6UW_dUW_Yf`g` :]Y`X`A Ubi U`ž`FYj]gYX`UbX`l dXUhYX. `5
7ca dfY\`Ybg]j Y` ; i]XY`hc`A UghYf]b[`6UW`Wc`i bhfm
G_]`gj cb`F]W_`7i fh]g5`g`Yg`Yfgha U`g`%- - , `j YfÒZYb`h]W]h
k i fXYž`gYmhY`Yg`XYb`GhUbXUfX`ZØf`i a ZUggYbXY
6UW_dUW_]b[!6ØW`Yf" `9g`k i fXY`ZØf`a cXYfbYg
6UW_dUW_]b[`U`_hi U`]g]Yfh`i bX`VY\UbXY`h`X]Y`bYi YghYb
9bhk]W_`i b[Yb`]b`XYb`6YfY]W]Yb`5i gfØghi b[ž`9fghY`<]`ZYž
@YUj Y`Bc`HfUW`7Ua`d]b[`i bX`Ci hXccf! : Ø\fi b["

) " : Ugh]f[YbXk c. `5W]hi bXnk Ubn][`HU[Y`Ui Z`XYa `x`b`A i]f
HfU]`j cb`Gi nUbbY`F cVYfhg`9g`k Uf`%- - `i bX`Gi nUbbY
F cVYfhg` \ UhY` [YfUXY`]\f`7c`Y [Y`VYbXYhž`U`g`]\fY
: fYi bX]b`j cf`gW`i [ž`XYb`_U`]Zcfb]gW]Yb`x`b`A i]f`HfU]`ni
k UbXYfb" `HY]`g`A Ya c]fYbž`hY]`g`B Uhi f[YgW]W]hYž`hY]`g
FY]gYVYf]W]hž` 5`a cgh`Gca Yk \YfY`]gh`F cVYfhg` `6Yf]W]h
ØVYf`X]YgY`K UbXYfi b["

`U`h1 `9]bY`7c`U[Y`Ui g`6i W]i a gW]`À[Yb`ni a `H\Ya U
K UbXYfb `2 Gcbgh][`9]bY`GUa a `i b[`[fc» Ufh][Yf`6ØW`Yf`ØVYf`XUg
K UbXYfb

%" H\fi !<_]b[`K]`6fYU`_M`c`i`f`<YUfh`5b`5Xj Ybhi fY`cb`h\Y
DUW]Z]W7fYgh`HfU]j cb`7Uffch`E`i]bb`ϕ`XYf`K ØghY
GØX`_U`]Zcfb]Ybg`ghY`h`7Uffch]j cf`j]Y`Yb`_ØfdYf`]W]Yb`i bX
Ya`ch]cbU`Yb`<YfUi gZcfXYfi b[Yb.`GW]a YfnYbž
J Yf`Yhni b[Ybž`ei `À`YbXY`?`À`hY`i bX`gYb[YbXY`<]`hnYž

8Y\mXf]Yfi b[ž'9fgW\ÒdZi b['i bX'9]bgUa _Y]h"

&" H\Y'>Ubi Ufm'A Ub.'5'Mf'cZ'K U`_]b['6f]hU]bj cb
7\]g]ghcd\Yf'Gca Yfj]`YH\Y'>Ubi Ufm'A Ub'gd]Y'h'ØVYf'Y]b
?U'YbXYf'U\fž]b'XYa 'Gca Yfj]`Y'A cbUh'ZØf'A cbUhž'F'Y[]cb
ZØf'F'Y[]cb'X]Y'F'ci hYb'VYgW\fY]hYhž'X]Y]\b'Ub'gY]bYb
J UhYf'Yf]bbYfb" '9g']gh'Y]bYg'XYf'VYghYb'6ØW\Yf'ØVYf'XUg
K UbXYfb']b'XYf'Vf]h]gW\Yb'@UbXgW UZh'i bX']bgd]f]Yfh'X]Y
@YgYfž'X]Y'%("\$\$\$'A Y]Yb'K UbXYfk Y[Y'ØVYf'X]Y
Vf]h]gW\Yb' ðgY'b'ni 'Yf_i bXYb"

' " 6YWca]b['C XmggU.'5Xj Ybhi fYg'cb'h\Y'5ddU'UW\]Ub
HfU]j cb'>bb]Zyf'D\Uff'8Uj]gBUW\]\fYa '7c`Y[Y!
5VgW\i gg']gh'>bb]Zyf'b]W\h'g]W\Yfž'k Ug'g]Y'a]h]\fYa
@VYb'UbZUb[Yb'gc`""G]Y'n]Y\h'Yg'ni a '5ddU'UW\]Ub'HfU]ž
Y]bYa '&"%+) 'A Y]Yb'Ub[Yb'K UbXYfk Y[ž'XYf'g]W\j cb
; Ycf[]U'V]g'A U]bY'YfghfYW_h"

(' " 5K C@Ui ZXYa '5ddU'UW\]Ub'HfU]j cb'8Uj]X'A]`Yf'>U\&
&\$\$' '[UV'XYf'GcZhk UfYYbhk]W_Yf'8Uj]X'A]`Yf'gY]bYb'æVž
gY]bY': Ua]`Y'i bX'gY]bY': fYi bXY'Ui Z'i a 'g]W\Y]bYb
HfUi a 'ni 'YfZØ'Yb'i bX'XYb'5ddU'UW\]Ub'HfU]'ni 'k UbXYfb"
B]W\h'bi f'Y]b'K UbXYfZØ\Yfž'gcbXYfb'Y]b[]Ub
dYfgØb']W\Yf'9]bV']W_]b'X]Y'9fZØ'i b['Y]bYg
@VYbghfUi a g"

) " :]Zm'D'UW\g'hc'<]_Y'6YZcfY'Mci '8]Y.'Ci hXccf'9I dYfhg
G\UfY'h\Y'K cf'X'g'; fYUhYgh'8Ygh]bUh]cbgj cb'7\]g
GUbhY''U7\]g]GUbhY''U'Yf_i bXYh'a]h'<]Z'j cb'Hcd!
9I dYX]h]cbg'Y]hYfb'X]Y '[fc» Ufh][ghYb'K UbXYfn]Y'Y'XYf
K Y'h"

'U'h1 K UbXYfYf'a '<]a U'UmU 2 gcZhS][\h#G\i hhYfgbcW_K UbXYfYf
]a '<]a U'UmU

%" 8Yf'_ca d'YhhY '@Y]hZUXYb'ZØf'>X]chYb'ni a
; YcWUW\]b[; YcWUW\]b['\Uh'g]W\ghYh]['ni 'Y]bYa
i bhYf\U'hgUa Yb'i bX'XUi Yf\UZhYb'Ci hXccf!5VYbhYi Yf
Ybhk]W_Y'hž'XUg'< UbX']b'< UbX'a]h'XYa 'K UbXYfb' [Y\h"
K Ybb'G]Yž'k]Y']W\ž'a a Yf'bcW\ _Y]bY'5\bi b['\UVYbž'k Ug
Yg']ghž'XUbb'k]fX'X]YgYg'6i W\U'Yg'Yf'_ÀfYb"

&" H\Y'C'X'K Umg.'5'æi fbYmicb': cchj cb'F'cVYfh'A UWZUf'UbY'ð

X]YgYa `YI ei]g]h[YgW\ f]YVYbYb`6i W\ žXUg
BUhi f[YgW\]W\ hYž? Ufhc[fUd\]Yž; Yc`c[]Y`i bX`@]hYfUhi f
ni gUa a YbZU`hYhž`a UW\ hg]W\ `F cVYfh`A UWZUF`UbY`Ui ZXYb
K Y[ž`i a `XYb`U`hYb`F ci hYb`ni `Zc`[Ybž`X]Y`X]Y
@UbXgW\ UZhYb`XYf`Vf]h]gW\ Yb`b`gY`b`Xi fW\ n]Y\ Yb"

' " HfUW_g. `5`K ca Ub g`Gc`c`HfY_`5Wfcgg`%" +\$\$`A]Yg`cZ
5i ghfU`]Ub`Ci hVUW_`j cb`F cVmb`8Uj]XgcbF cVmb`8Uj]Xgcbg
A Ya c]fYb`ØVYf`]\fY`[YZ\`f]W\ Y`F Y]gY`ØVYf`%" +\$\$`A Y]Yb
Xi fW\ `X]Y`ZY]bX`]W\ Y`Ui ghfU`]gW\ Y`K ØghY`ni a `A Yf`a]h
bi f`j]Yf`?Ua Y`Yb`i bX`Y]bYa `<i bX`U`g`; YgY`gW\ UZh"

(" I `hfU`][\h`6UW_dUW_]b `H]dg. `%) ` `5a Un]b[/ `bYI dYbg]j Y
H]dg: cf`9I hfYa Y`m`@][\hk Y][\h`7Ua d]b[Vm`A]_Y`7`Y`UbX
?i fnž`Ui ZXYb`Di b_h[YVfUW\ hi bX`\i a cfj c``]`i ghf]Yfh
j cb`A]_Y`7`Y`UbXž`df`AgYbh]Yfh`X]YgYg`6i W\ `U`Ygž`k Ug
I `hfU`Y]W\ h`K UbXYfYf`i bX`Fi W_gUW_hci f]ghYb`VfUi W\ Ybž
i a `g]W\ Yfž`_ca ZcfhUVY`i bX`[i h`Yfb`A`fhni `gY]b"

) " =<]_Yj cb`@Uk hcb`; f]bhYf` W\ `UVY`b]Y`j cfž`%\$\$\$
A Y]Yb`ni `k UbXYfb``9g]gh`Y]bZUW\ `ja `@Ui ZY`Y]bYg
X\ fnY\ bhg`dUgg]Yfh" `I bX`gc`[Y\`h`Yg`a]h`@Uk hcb`; f]bhYfg
ØVYfnYi [YbXYf`GUa a `i b[`j cb`?i fn[YgW\]W\ hYbž`X]Y`ØVYf
%\$`X\`fY`i bX`%\$`\$\$\$`HfU]`!A Y]Yb`]b`XYf`9bhghY\i b[
k UfYb"

`U`h1 `6ØW\ Yf`ni a `H\Ya U`K UbXYfb`A cbhU[Y`j cb`I a gW\ `À[Yb
% 2 K Y]hYfY`[fc» Ufh][Y`; YgW\]W\ hYb`j cb`XYf`Gdi f

%";]f`]b`h\Y`K ccXg. `5`A Ya c]fVm`5gdYb`A Uh]g`5gdYb`A Uh]g
Ui ZfY[YbXYg`k U\`fYg`5VYbhYi Yf`Y]bYf`K UbXYfi b[`j cb
A Yi]_c`bUW\ `?UbUXU` `Y]bY`7ca]b[!cZ`5[Y!; YgW\]W\ hYž
Y]bY`, VYf`YVYbg[YgW\]W\ hY`i bX`Y]bY`hf]i a d\U`Y
; YgW\]W\ hY`ØVYf`X]Y`, VYfk]bXi b[`Ya ch]cbU`Yf
J Yfk Øghi b["

&" 6Y]`A UW\ i `D]W\ i `fYW\ hg`UVV]Y[Yb. `GW\ f]h`h`Øf`GW\ f]h`X]Y
j Yf`c`fYbY`GhUX`h`k]YXYfYb`hXYW`_Yb`j cb`A Uf_
5XUa g5XUa g `ZUgn]b]YfYbXYa `i bX`k]hn][Ya `6Yf]W\ h`ØVYf
gY]bY`F Y]gY`Xi fW\ `Y]b][Y`XYf`a U`Ygh`h]gW\ ghYbž
\]ghcf]gW\ ghYb`i bX`UV[Y`Y[YbghYb`@UbXgW\ UZhYb`XYf
K Y`h"

' " H\Y`K U`_Yf`g; i]XY`hc`Ci hXccf`7`i Yg`UbX`G][bg`j cb

Hf]ghUb'; cc`Ym; cc`Ym\Uha Y\f`U`g;) \$`Ci hXccf!H]ddg
ni gUa a Yb[YghY`hž`X]Y`XYb`@YgYfb`X]Y`5i [Yb`ZØf`X]Y
j YfVcf[YbY`@c[]_`XYf`BUhi f`ÒZbYb`k YfXYb`"9f`hY]h
HYW`b]_Yb`ni f`J`cf\YfgU[Y`i`bX`J`YfZc`[i`b[`i`bX`ni`a
K`UbXYfb`Ui`ZXYa`@UbX`cXYf`j`b`XYf`GhUXhž`Ybh`Ub[`XYf
?ØghY`i`bX`VY]`BUW`h"

(" <_]b[`H\fc[[\. `C`bY`A`Ub`g`æi`fbYm`hc`DYUW`UbX
: fYYXca`cb`h\Y`5ddU`UW`]Ub`HfU]j`cb`DUi`Ghi`hna`UbA`]h
UhYa`VYfUi`VYbXYb`6YgW`fY]Vi`b[Yb`i`bX`\i`a`cfj`c`Yb
5bY`X`chYb`j`cb`gY]bYf`&"%+`*`A`Y]Yb`Ub[Yb`F`Y]gY`Ybh`Ub[
XYg`5ddU`UW`]Ub`HfU]`Ybh\Ø`h`DUi`Ghi`hna`Ub`ž`k`]Y`]\a
XUg`9]bhUi`W`Yb`]b`X]Y`BUhi`f`i`bX`XUg`5bZfYi`bXYb`a`]h
UbXYfYb`K`UbXYfYfb`[Y\c`ZYb`\Uhž`g]W`XUj`cb`ni`Yf\c`Yb
Y]b`\YfVYf`J`Yf`i`gh"

) " H\Y`i`h]a`UhY`<_]Yf`g;`YUf;`i`]XY`j`cb`5bXfYk`G`_i`f`_U
8]YgY`_Øfn`]W`U`_hi`U`]g]YfhY`nk`Y]hY`5i`g[UVY`]gh`Y]b`G\ck`!
UbX!HY`!;`Ø\fyf`ZØf`?`Y]Xi`b[ž`GW`i`\Yž`F`i`W`g`Å`W`Y`ž
I`bhYf`_Øb`ž`hY`i`bX`a`Y\f`i`bX`Ybh\Å`h`H]ddg`ni`f`i`»`dZY[Yž
5i`gk`U`\`XYg`7`Ua`d]b[d`UhmYg`i`bX`9ZZ]n]Ybn`VY]a
K`UbXYfb"

U`h1` 2

H]hY`V]`X.`Gcbgh][Yg

8YhU]`g

6Ygi`W`Yb`G]Y`i`bg`Ui`Z.`Y]bY`!fY]gY`"XY