

I _fU]b]gW\Y`F Y[]Yfi b[`]a `l a Vfi W\ . GYW\g`A]b]ghYf`hfYhYb`ni fØW_

⊕`?]Yk`hfYhYb`a Y\fyfY`A]b]ghYf`ni fØW_ž`k Å\fybX`DfÅg]XYbh
NY`Ybg_m]Y]bY`i a ZUggYbXY`F Y[]Yfi b[gfYZcfa `Ub_ØbX][hž
i a `J YfhfUi Yb`ni `ghÅf_Yb"

⊕`XYf`i _fU]b]gW\Yb`<Ui dhghUXh`?]Yk`_Ua`Yg`Ua`8]YbghU[`ni
Y]bYa`g][b]Z_UbhYb`l a Vfi W\`]b`XYf`F Y[]Yfi b["A]bXYghYbg
gYW\g`cW\fUb[][Y`dc`h]gW\Y`J YfhfYhYfž`Y]bgW\`Y»`]W\`a Y\fyfYf
A]b]ghYfž`Y[hYb`]\fy`Ÿa hYf`b]YXYf`8]YgY`9bhk]W_`i b[`YfZc`[h]a
J cfZY`X`Y]bYf`i a ZUggYbXYb`F Y[]Yfi b[gfYZcfa ž`X]Y`]b`XYb
_ca a YbXYb`HU[Yb`Ub[Y_ØbX][h`k YfXYb`gc`"8Uj]X`5fU_`Ua]Už
: Ø\fyf`XYf`F Y[]Yfi b[gdUfhY]ž`Yf_`ÅfhY`Ui ZHY`Y[fUa ž`XUgg`ØVYf
X]Y`<Å`ZhY`XYf`F Y[]Yfi b[`Ui g[YhUi gW\h`k YfXYb`_ØbbhY"

<]bhYf[fi bX`X]YgYf`d`Øhn`]W\Yb`J YfÅbXYfi b[Yb`g]bX`X]Y
Zcfhk Å\fybXYb`<YfUi gZcfXYfi b[Ybž`a]h`XYbYb`?]Yk`XYfnY]h
_cbZfcbh]Yfh]gh"8]Y`fi gg]gW\Yb`6ca VUfX]Yfi b[Yb`U`hYb
i bj Yfa]bXYfh`Ub`i bX`X]Y`fi gg]gW\Yb`Hfi ddYb`gYhnYb`]\fyb
J cfa UfgW\`ja`C ghYb`XYf`l _fU]bY`Zcfh"5b[Yg]W\hg`X]YgYf
6YXfc`i b[Yb`VYa Ø`h`g]W\`XYf`i _fU]b]gW\Y`DfÅg]XYbh`J c`cXma mf
NY`Ybg_mž`XUg`J YfhfUi Yb`]b`X]Y`F Y[]Yfi b[`ni `ghÅf_Ybž`bUW\XYa
XUg`@UbX`gY]h: YVfi Uf`&\$&&`i bhYf`XYa`8fi W_`XYf`fi gg]gW\Yb
⊕j Ug]cb`ghY`h"

5V[Åb[Y`i bX`BYi VYgYhni b[Yb`]b`XYf i _fU]b]gW\Yb`F Y[]Yfi b[

Ni`XYb`A]b]ghYfbž`X]Y`Ua`8]YbghU[`]\fyb`F ØW_hf]hh`Y]b[Yfy]W\h
\UVYbž`[Y\Øfyb`XYf`A]b]ghYf`ZØf`ghfUhy[]gW\Y`⊕Xi ghf]Ybž`XYf
š`gh]na]b]ghYf`gck]Y`XYf`A]b]ghYf`ZØf`l a k Y`hgW\i hn"5i W\`XYf

8]fY_hcf'XYg'ghUUh]WXYb'9][Ybhi a gZcbXg'XYf'I _fU]bYž'J]hU`]m
?cj U'ž'gck]Y'X]Y'VY]XYb'ghY`j YfhfYhYbXYb'A]b]ghYfdFÄg]XYbh]bbYb
≠mbU'J YfYg\Wxi _'i bX'C`[U'GhYZUb]g\mbU'\UVYb']\fY'ÿa hYf
b]YXYf[Y`Y[h"

Ni gÄhn`]W`ni `X]YgYb'F ØW_hf]hhYb'k i fXY'F cghmg`Uj `G\i fa Už'Y]bYf
XYf'<Ui dhVYfUhf'j cb'DfÄg]XYbh'NY`Ybg_mž'Xi fW`Y]bYb
DfÄg]X]U`Yf'Ugg`Yb'h'UggYb"8]YgYf'GWf]hh'nY][h'XUg`_`UFY
6YghfYVYb'XYf'FY[]Yfi b[ž'g]W`Ub[Yg]W`hg'XYf'Ub\U'hYbXYb'?f]gY
bYi `ni `cf]Ybh]YfYb"DfÄg]XYbh'NY`Ybg_m`Uh'VYfY]hg'k Ä`fYbX'XYf
?f]Y[g`U\fy'a Y`fZUW`FY[]Yfi b[gi a VYgYhni b[Yb'Ub[YcfXbYh"
=a `GYdhYa VYf'&\$&'`hfYbbhY`Yf'g]W`VY]gd]Y`gk Y]gY'j cb'gY]bYa
J YfhY]X][i b[ga]b]ghYf'bUW`nU`\fY]WXYb'?cffi dh]cbgg_UbXU`Yb"

A cf[Yb'k]fX'Yg`Y]bYb'HU[`XYf'9bh'Uggi b[Yb'[YVYbž'i bX
ØVYfa cf[Yb'Y]bYb'HU[`XYf'9fbYbbi b[Yb ž'_ØbX][hY'5fU_\Ua]U
Ub'i bX'a UW`hY`XYi h]W`ž'XUgg`X]Y`FY[]Yfi b[gi a V]Xi b[Yb
VYfY]hg']b'j c`Ya `; Ub[Y'g]bX"8]Y'8mbUa]_']bbYf\U`V`XYf
i _fU]b]gWXYb'FY[]Yfi b[`cZYbVUfh'X]Y`VYghÄbX][Y`l bg]WXYf\Y]h
i bX'X]Y`Bchk YbX][_Y]hž'Ui ZX]Y'g]W`gW`bY`j YfÄbXYfbXYb
[Ycdc`h]gWXYb'6YX]b[i b[Yb'ni `fYU[]YfYb"

8]Y`[Y[Ybk Äfh][Y`G]hi Uh]cb']b'XYf'I _fU]bY`]gh'Ub[Yg]W`hg'XYf
hÄ[`]WXYb`; YZYW`hY'i bX'XYf'6YXfc\i b[`Xi fW`X]Y'fi gg]gWXYb
Hfi ddYb`Yi hfYa `Ub[YgdUb'h"8]Y`l a ghfi _hi f]Yfi b[`ja `?UV]bYhh
_Ubb'U`g`J Yfgi W`[Yk YfhY'h'k YfXYbž'Zf]gW`Yg`J YfhfUi Yb'i bX'bYi Y
GhfUhY[]Yb'ni `[Yk]bbYbž'i a `X]Y`bUh]cbU`Y`G]WXYf\Y]h'ni
[Yk Ä`f`Y]ghYb"

8]YgY`U_hi Y`Yb'9fY][b]ggY`i bhYfghfY]WXYbž'k]Y`VYXYi hYbX`Yg`]ghž
ZØ`fYbXY`Dcg]h]cbYb']b'XYf'Dc`]h]_`a]h'ØX]j]Xi Yb'ni `VYgYhYbž'X]Y
]b'XYf'@U[Y'g]bXž'X]Y`_ca d`Yi Yb'<YfUi gZcfXYfi b[Yb'XYg'?f]Y[Yg
ni `VYk Ä`h][Yb"8]Y`UbghY\YbXYb`B'Yi VYgYhni b[Yb'_ØbbhYb
YbhgW`Y]XYbX`ZØf'X]Y`dc`h]gW`Y`GhUV]`hÄ`h'i bX'X]Y`ghfUhY[]gW`Y
5i gf]W`hi b[`XYf'I _fU]bY`]a `5b[Yg]W`h'XYf'Ub\U'hYbXYb
fi gg]gWXYb'5[[fYgg]cb'gY]b"

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