

Ghi X]YfYbXYb i bhYf XYb DfcZ]g. < Uj UfX B]Y gYb i bX gY]b K Y[ni a 6UW Y cf

D'Y]bYf'K Y`hž']b'XYf'X]Y'k Yb][ghYb': i » VU``gd]Y`Yf'g]W\'ØVYf'X]Y; fYbnYb']\fYg'Gdcfhg'\]bUi g'k Y]hYfV]`XYbž'gh]W\h'< Uj UfX'B]Y`gYbjcb'

j cb'< Ubbcj Yf'-*'VYgcbXYfg'\Yfj cf"'8Yf'' %!'À\f][Y'Bcfk Y[Yf'\Uhg]W\'b]W\h'bi f'XYa': i » VU``'j YfgW\f]YVYbž'gcbXYfb'ghfYVh'dUfU``Y`Y]bYb'U_UXYa]gW\Yb'5VgW\`i gg']a'6YfY]W\'Gdcfha UbU[YaYbh'Ub XYf'⊕hYfbUh]cbU``GW\cc``cZ'AUbU[YaYbh']b'BØfbVYf['Ub"

8 Yf GhØfa Yf j cb < Ubbcj Yf - * ']gh Y]b 'DUfUXYVY]gd]Y `XUZØfž'k]Y 5 h\ `YhYb ']\ fY '? Uff]Yf Yb 'Ui W\ 'ØVYf XYb 'D`Uhn '\]b Ui g 'd `Ub Yb " \ =\W\ \U`hY 'Yg 'ZØf 'k] W\ h'][ž'b] W\ h'bi f ']a ': i » VU``ni 'XYb_Ybž 'gcb XYfb Ui W\ 'Ub XYf Y 'H\ Ya Yb 'ni ']b hY [f]Yf Yb " 8 Ug 'Ghi X]i a 'a UW\ h'a]f Gd U » 'i b X'[] Vh'a]f 'Y]b Yb 'k Yfhj c``Yb '<]b hYf[fi b Xž 'XYf 'ZØf 'a Y]b Y ni _Øb Zh][Y '? Uff]Yf Y 'b Øhn`] W\ 'gY]b '_Ubb ž 'Yf_`Àfh 'Yf " 8]Yg 'n Y][h Y]ba U``a Y\fž XUgg '6]`Xi b['ZØf'j]Y `Y 'Gdcfh`Yf 'Y]b Y 'Ygg Yb h]Y ``Y Fc``Y 'gd]Y`hž i a 'b UW\ XYf 'U_h]j Yb '@Ui ZV U\ b'[i h'[Yf Øgh Yh'ni 'gY]b"

6] Xi b[ghUhh bi f : fY]nY]h

K À\fYbX'j]Y`Y'gY]bYf'?c``Y[Yb']\fY': fY]nY]h'cZh'j cf'XYa
: YfbgY\Yf'cXYf'Ub'XYf'?cbgc`Y'j YfVf]b[Ybž'bi hnh'B]Y`gYb'gY]bY
NY]hži a 'bYi Y'?Ybbhb]ggY'ni 'Yfk YfVYb"' =\W\'j Yfgi W\Yž'Y]b'dUUf
Ghi bXYb'Ua 'HU['ni '`YfbYb"'=\W\'bi hnY'Ui W\'`Ub[Y'6i gZU\fhYb
g]bbj c``ž'i a 'ni '`YfbYb ž'VYhcbh'Yf"'8]Yg'nY][hž'XUgg'Yf'Y]bY'gY\f
X]gn]d`]b]YfhY'<YfUb[Y\Ybgk Y]gY'\Uhž'i a 'Ghi X]i a 'i bX'Gdcfh
a]hY]bUbXYf'ni 'j YfV]bXYb"

 $GY]b ``Ghi X]i a ``i a ZUggh'j YfgWX]YXYbY'8]gn]d`]bYbž'XUfi bhYf \\ A Uf_Yh]b[``i bX':]bUbnYb" `=a ``YfghYb'*J\\f'`Y[h'a Ub'X]Y \\ ; fi bX`U[Yb'i bX'bUWX'Y]bYf'DfØZi b[`_Ubb'a Ub']b'nk Y]'*J\\fYb \\ XYb'6UWXY`cfUVgWX`i gg'YffY]WXYb ž'Yf_`Afh'B]Y`gYb"'9f'ZA``h'Ui Z \\ Xi fWX'gY]b'9b[U[Ya Ybhž'a]h'XYa 'Yf'Ui WX'Ui Z'XYa 'D`Uhn \\ dfcZ]h]Yfh' `=\WX'[`Ui VYž'Yg'a UWXh'X]WX'Ui WX'Ui Z'XYa 'D`Uhn'VYggYfž k Ybb'Xi 'b]WXh'bi f']b'XYf': i » VU``k Y`h'Xf]b'V]gh''$

9]b 'gd UbbYbXYg'N]Y`'j YfZc`[h'XYf'%(!ZUW\Y'B Uh]cbU`gd]Y`Yf'Ui W\bUW\'gY]bYf'U_h]j Yb '? Uff]YfY. =f[YbXk Ubb'a]h''\ b[Yb'Gd]Y`Yfb ni 'UfVY]hYbž'XUg'k ÀfY'gY\f'gd UbbYbX ž'gc'B]Y`gYb'k Y]hYf"'8]YgY 5a V]h]cbYb'nY][Ybž'XUgg'Yf'b]W\h'bi f'Ub'gY]bYf'Y][YbYb 9bhk]W_`i b[']bhYfYgg]Yfh']ghž'gcbXYfb'Ui W\'Ub'XYf': ÒfXYfi b[ni _ \emptyset bZh][Yf'HU`YbhY'"

B]Y`gYb`i bX`gY]bY`A UbbgW\UZh`g]bX`Ui Z`XYa `K Y[`ni `Y]bYa _ca a YbXYb`Gd]Y``[Y[Yb': cfhi bU`8ØggY`XcfZž'k c`Yf`ZfØ\Yf gd]Y`hY'' 9g`]gh`gW\cb`b]W\h'k]Y`YXYg`Gd]Y`ž'k Ybb`Xi `[Y[Yb`XUg U`hY`HYUa `gd]Y`gh ž'hY]`h`Yf`a]h`i bX``Àggh`X]Y`: Ubg`k]ggYbž'XUgg`Yg ZØf`]\b`Y]bY`VYgcbXYfY`6YXYi hi b[`\Uhž`[Y[Yb`U`hY`6Y_UbbhY`ni gd]Y`Yb'''9]b][Y`gY]bYf`ZfØ\YfY`HYUa _c``Y[Ybž'XUfi bhYf GdcfhX]fY_hcf`7\f]gh]Ub`K YVYfž'XYb`Yf`Ui g`8ØggY`XcfZYf`NY]hYb _Ybbhž`\UVYb`]\b`Ui Z`X]YgYa `K Y[`VYY]bZi qgh"

GY]b'9b[U[Ya Ybh'Ui Zi bX'UVgY]hg'XYg'FUgYbg'nY][hžk]Y'k]W\h][Yg']ghž'X]Y'Y][YbYb'<cf]ncbhY'ni 'Yfk Y]hYfb"'B]Y`gYb']gh'b]W\h'bi f Y]b':i » VU``gd]Y`Yfž'gcbXYfb'Y]b'JcfV]`X'ZØf'j]Y`Yž'X]Y'Y]bY À\b`]W\Y'?Uff]YfY'UbghfYVYb"'8]Y'8i U`]hÀh'j cb'Gdcfh'i bX'Ghi X]i a]``i ghf]Yfhž'k]Y'5h\`YhYb'g]W\'Ui Z'j YfgW\]YXYbY'K Y[Y'j cfVYfY]hYb_\ObbYbž'i a 'gck c\`']a 'Gdcfh'U`g'Ui W\']b'UbXYfYb

9]b b Y i Y f '9]b Z i gg 'U i Z 'X Y b ': i » V U ``

8]Y'9bhgWXY]Xi b['j cb'<Uj UfX'B]Y`gYbž'g]WX'U_UXYa]gWX k Y]hYfni V]`XYbž'_ÒbbhY'X]Y'K U\fbY\a i b['j cb'Gdcfh`Yfb']b'XYf ; YgY``gWXUZh'ÀbXYfb"'=a a Yf'a Y\f'DfcZ]g'Yf_YbbYbž'XUgg'X]Y'NY]h bUWX 'XYf'U_h]j Yb'?Uff]YfY'YbhgWXY]XYbX'ZØf'X]Y'dYfgÒb`]WXY'i bX VYfi Z]WXY'K Y]hYfYbhk]W_`i b[']gh"'8]Y'DfcZYgg]cbU`]g]Yfi b[']b j]Y`Yb'GdcfhUfhYb'YfZcfXYfh'b]WXh'bi f'hYWXb]gWXY': À\][_Y]hYbž gcbXYfb'Ui WX'A UbU[Ya Ybh_Ybbhb]ggY'i bX'k]fhgWXUZh`]WXYg JYfghÀbXb]g"'8U\Yf'k]fX'XUg'Ghi X]i a 'j cb'Gdcfha UbU[Ya Ybh]a a Yf'fY`Yj UbhYf"

 $9g`V`Y]Vh`UVnik UfhYbž`k]Y`g]WX`X]Y`K Y[Y`jcb`< Uj UfX`B]Y`gYbYbhk]W_Y`b`k YfXYb"`K À\fYbX`Yf`g]WX`bcWX`]b`XYf`5_h]j Yb`? Uff]YfYVYZ]bXYhž`\Uh`Yf`VYfY]hg`XYb`; fi bXghY]b`ZØf`Y]bY`nk Y]hY`@Ui ZVU\b[Y`Y[hž`X]Y`gY]bY`@Y]XYbgWXUZh`ZØf`: i » VU```i bX`6]`Xi b['j YfY]bh"9]b`5bgUhnž`XYf`a Ò[`]WXYfk Y]gY`UbXYfY`Gdcfh`Yf`XUni ']bgd]f]Yfhž À\b`]WXY`9bhgWXY]Xi b[Yb`ni 'hfYZZYb'i bX`]\fYb`Y][YbYbK]gYbgXi fgh`ni 'gh]``Ybž`k À\fYbX`g]Y`]\fY`? Uff]YfYb'j YfZc`[Yb"$

8 Ugʻ9b[U[Ya Ybh'j cbʻ< Uj UfXʻB]Y`gYbʻZØfʻgY]bYʻdYfgÒb`]W\Y
K Y]hYfV]`Xi b['\YVh']\b'b]W\h'bi fʻU`gʻGdcfh`Yfʻ\Yfj cfžʻgcbXYfb
gd]Y[Y`h'Ui W\`XYb`k UW\gYbXYb`HfYbX`i bhYfʻDfcZ]gdcfh`Yfb`k]XYfž
g]W\`U_UXYa]gW\`k Y]hYfni Ybhk]W_Y`b"'9]b`k YgYbh`]W\Yfʻ5gdY_h
\]YfVY]']ghʻXYfʻni bY\a YbXYʻ: c_i gʻUi Zʻ? Uff]YfYd`Ubi b['bUW\`XYa
U_h]j YbʻGdcfh"'8]Yʻ5bgdfØW\Y`i bX`< YfUi gZcfXYfi b[YbʻXYg
DfcZ]gdcfhgʻYfZcfXYfb`\Yi hni hU[Y`Y]bʻXi fW\XUW\hYgʻJ cf[Y\Ybž
i a 'Ui W\`bUW\`XYa '? Uff]YfYYbXYʻ9fZc`['ni '\UVYb"'8]YgYʻ9]bg]W\h
]ghʻb]W\h'bYi žʻg]Y`k]fXʻYXcW\`]a a Yfʻ\Ài Z][Yfʻj cbʻ5h\`YhYb
Yf_Ubbh'i bX`Ub[Ybca a Yb"

8 Yf 'Gdcfha UbU[Ya Ybh!Ghi X]Yb[Ub['Ub'XYf '\bhYfbUh]cbU' `GW\cc` cZA UbU[Ya Ybh'f\\GA \L']b 'B ØfbVYf[']gh'VYgcbXYfg'VY`]YVh'VY]
Gdcfh'Yfbz'XU'Yf 'Y]bY'dfUl]gbU\Y'5i gV]'Xi b[']b' j YfgW\]YXYbYb
6 YfY]W\Yb' k]Y'A Uf_Yh]b[z'A UbU[Ya Ybh'i bX':]bUbnYb'V]YhYh''
8 i fW\XX]YgY'? Ybbhb]ggY'g]bX'g]Y'VYggYf'[YfØghYhz'i a ']b'XYf
GdcfhVfUbW\Y'cXYf'A\b`]W\Yb'6YfY]W\Yb'YfZc`[fY]W\ni 'gY]bz'k c
VYhf]YVgk]fhgW\UZh`]W\Yg'K]ggYb'[YZfU[h']gh'''NU\`fY]W\Y'Gdcfh`Yfz
X]Y'k A\fYbX']\fYf'U_h]j Yb'NY]h'ghi X]YfYbz'VYf]W\hYb'j cb'dcg]h]j Yb
9ZZY_hYb'Ui Z']\fY'gdcfh']W\Y'@Y]ghi b["'9]b'6Y]gd]Y``XUZØf']gh'XYf
Y\Ya U`][Y': i > VU``dfcZ]'DUhf]W_'Ck ca cmY`Uz'XYf'bUW\'gY]bYf
? Uff]YfY'b]W\h'bi f']a ': i > VU``z'gcbXYfb'Ui W\']b'XYf'K]fhgW\UZh
9fZc`['\UhhY'''9f'ghi X]YfhY'6Yhf]YVgk]fhgW\UZhg`Y\fY'i bX']gh'bi b']b
XYf'I bhYfbY\a YbqVYfUhi b['hÀh]["

DYfgOb`]WXY'9bhk]W_ib[ibX'@Y]ghib[Yb

B]Y`gYb`VYhcbhžXUgg`X]Y`U_UXYa]gW\Y`6YgW\ÀZh][ib[`]\a`\]`Zhž
Ui W\]a`:i»VU``ni kUW\gYb"` →W`[`Ui VYžYg`a UW\h`X]W\Ui W\
Ui Z`XYa `D`Uhn`VYggYfž'k Ybb`Xi `b]W\h`bi f`]b`XYf':i»VU``k Y`h`Xf]b
V]gh ž`Yf_`Àfh`Yf"`8]Yg`]gh`Y]b`]bhYfYggUbhYf`Di b_hž`XYbb`j]Y`Y
5h\`YhYb`VYf]W\hYb`jcb`Y]bYa `À\b`]W\Yb`5bgUhn"`8Yf`XfY]ZUW\Y
C`ma d]Ug]Y[Yf`ibX`nk Y]ZUW\Y`K Y`ha Y]ghYf`]a `6]Uh\`cbž`C`Y`9]bUf
6 ÔfbXU`Ybž`ZØ\fhY`Ubž`XUgg`Y]bY`VfY]hY`6]`Xib[`ibX`XUg`JYfh]YZYb
]b`UbXYfY`H\YaYb`ni `Y]bYf`jYfVYggYfhYb`aYbhU`Yb`GhÀf_Y`ibX
?cbnYbhfUh]cb`]a`KYhh_UadZ`ZØ\fYb`_O`bbYb"

A Ybhu`hfu]b]b['i bX'ghfuhY[]gWXY'D`Ubi b['g]bX'\Yi hY'k YgYbh`]WXY HY]`Y'XYf`J cfVYfY]hi b['Ui Z'K Yhh_Àa dZY"'B]Y`gYb'bi hnh'gY]bY'NY]h Ui WX'k À\fYbX'FY]gYb'i bX'6i gZU\fhYb'YZZY_h]j ž'k Ug'XYb'HfYbX i bhYf`Gdcfh`Yfb'h\Ya Uh]g]Yfhž'X]Y']\fY'NY]hii bUV\Àb[]['j cb']\fYa HfU]b]b['cdh]a U`'bi hnYb'a ÒWXhYb"' \pm b'j]Y`Yb'HYUa g'[]Vh'Yg]bnk]gWXYb'gdYn]Y``Y'Dfc[fUa a Yž'X]Y'5h\`YhYb'VY]a NY]ha UbU[Ya Ybh'i bX'VY]'XYf'6Y`Ughi b[gghYi Yfi b['i bhYfghØhnYb"

 $8]Y'JYf_b \varnothing dZ b['jcb'Gdcfh'ibX'6]`Xib[']gh'b]Wh'bif'UiZ'XUg : i *VU``ZY`X'VYgWAfAb_h''5i W.']b'UbXYfYb'GdcfhUfhYb'k]Y \\ 6 Ug_YhVU``'ibX'<UbXVU``'ghiX]YfYb']a a Yf'a Y\f'5h\`YhYb'dUfU``Y`ni']\fYf'?Uff]YfY''8]Yg'nY][h'g]WA'nia'6Y]gd]Y``XYih`]WA']a'IG! \\ 6 Ug_YhVU``ž'kc'XYf'9]bhf]hh']b'X]Y'B65'cZh'a]h'Y]bYf'\c\YbU_UXYa]gWAYb'JcfV]`Xib['Y]b\Yf[Y\h''$

8]Y 'ni bY\a YbXY'DfcZYgg]cbU`]hÀh']a 'Gdcfh'ZØ\fh'XUni ž'XUgg'g]W\
5h\`YhYb'j YfghÀf_h'a]h': fU[Yb'XYf'@YVYbgd`Ubi b['i bX'XYf
? Uff]YfY'bUW\'XYa 'Gdcfh'Ui gY]bUbXYfgYhnYb'a ØggYb"'Ghi X]Yb
VY`Y[Ybž'XUgg'j]Y`Y'Gdcfh`Yf'GW\k]Yf][_Y]hYb'\UVYbž']\fYb'D`Uhn
]b'XYf'; YgY``gW\UZh'ni 'Z]bXYbž'k Ybb']\fY'U_h]j Y'@Ui ZVU\b'YbXYh''
8 U\Yf']gh'Yg'ZØf'5 h\`YhYb'k]Y'B]Y`gYb'j cb'YbhgW\Y]XYbXYf
6YXYi hi b[ž'q]W\'Ui Z'Y]b'nk Y]hYg'GhUbXVY]b'j cfni VYfY]hYb''