

K]Y X]Y I _fU]bY ? fmd hck À\fi b[Yb 'U`g FYU_h]cb 'Ui Z'XYb '? f]Y['UbbU\a

9g'k Uf'Y]b'D'Ubž'XYf'Ua 'nk Y]hYb'HU['XYf'+bj Ug]cb']b'9]'Y
Ui g[Y\YW_h'k i fXY"8Yf'i _fU]b]gW\Y'A]b]ghYf'ZØf'X][]hU'Y
HfUbgZcfa Uh]cbž'A m_\U]'c': YXcfcj ž'k UbXhY'g]W\'Ub'gY]bYb
GhY''j YfhfYhYf'i bX'k]Yg']\b'Ubž'cZZ]n]Y''Y

FY[]Yfi b[g[Y'XVOfgYb'Y]bni f]W\hYbž'X]Y'NU\'i b[Yb']b
?fmdhck À\fi b['U_nYdh]YfYb'_ObbhYb"'5`g'g]W\'j cf
; Y'XUi hca UhYb'i bX'Gi dYfa Àf_hYb']b'?]Yk'GW\'Ub[Yb
V]'XYhYbž'k i gghY'5`YI'6cfbmU_cj ž'XUgg'Yf'gW\bY''\UbXY'b
a i gghY"' I bgYfY'6Ub_Yb'k UfYb'VY[fYbnhž'Yg'[UV
9]bgW\fAb_i b[Yb'VY]'XYf'JYfk YbXi b['j cb':]Uh!K À\fi b[Yb
i bX'i bg'[]b[Yb'gW\bY''X]Y'JcffAhY'Ui g ž'gU[hY'Yf'' GY'Vgh
k Ybb'G]Y'Yg'gW\UZYbž'a]h':]Uh'ni 'VYnU\'Ybž'XUi Yfh'Y]bY
VYfk Y]gi b['Y]b][Y'HU[Yž'V]g'g]Y'XYb'9a dZAb[Yf'YffY]W\h''
+b'XYf'/ Ua d\Y'']d/

9g'k Uf'Y]b'D`Ubž'XYf'Ua 'nk Y]hYb'HU['XYf' \pm bj Ug]cb']b'9]`Y Ui g[Y\YW_h'k i fXY"'8Yf'i _fU]b]gW\Y'A]b]ghYf'ZØf'X][]hU`Y HfUbgZcfa Uh]cbž'A m_\U]`c': YXcfcj ž'k UbXhY'g]W\'Ub'gY]bYb GhY``j YfhfYhYf'i bX'k]Yg']\b'Ubž'cZZ]n]Y``Y'FY[]Yfi b[g[Y`XVÒfgYbY]bni f]W\hYbž'X]Y'NU\`i b[Yb']b'?fmdhck À\fi b['U_nYdh]YfYb_\ObbhYb"

5`g`g]W\`j cf`; Y`XUi hca UhYb`i bX`Gi dYfa Àf_hYb`]b`?]Yk GW\`Ub[Yb`V]`XYhYbž'k i gghY`5`Yl`6cfbmU_cj ž'XUgg`Yf`gW\bY`` \UbXY`b`a i gqhY"

I bgYfY'6Ub_Yb'k UfYb'VY[fYbnhž'Yg'[UV'9]bgWkfÀb_i b[Yb'VY]
XYf'JYfk YbXi b['j cb':]Uh!K À\fi b[Yb'i bX'i bg'[]b[Yb'gWkbY``'X]Y
J cffÀhY'Ui g ž'gU[hY'Yf"' GY`Vgh'k Ybb'G]Y'Yg'gWkUZZYbž'a]h':]Uh'ni
VYnU\`Ybž'XUi Yfh'Y]bY', VYfk Y]gi b['Y]b][Y'HU[Yž'V]g'g]Y'XYb

8]Y'I_fU]bY'\UhhY'VYfY]hg'j cf']\fYa '?f]Y['a]h'Fi gg`UbX VY[cbbYbž'?fmdhc'ni 'U_nYdh]YfYb"'8Ug'@UbX'ki fXY'`YhnhYg'*\\f']b Y]bYa '[`cVU`Yb'*\bXYI'j cb'7\U]bU`mg]gž'XYf'?fmdhc! : cfgW\ib[g[fi ddYž'Ui Z'D`Uhn'j]Yf'Z\Of'X]Y'9]bZ\O\fi b['j cb ?fmdhck \and \fi b[Yb'i bhYf'gY]bYb'6\Of[Yfb'Y]b[Yghi Zh"

5VYf`XYf`?cbZ]_h`\Uh`U`g`?UhU`mgUhcf`ZØf`X]Y`5a V]h]cbYb`XYf
FY[]Yfi b[`[Yk]f_hž`Y]bY`]bbcj Uh]j Yž'6`cW_WXU]b!ZfYi bX`]WXY
K]fhgWXUZh`Ui Zni VUi Ybž`Ub[YZØ\fh'j cb`Y]bYa ^^ b[Yb`HYUa 'j cb
HYWXbc!9]b[YVcfYbYb`]b`XYf`FY[]Yfi b[.::YXcfcj ']gh'' %ž
6cfbmU_cj ž`(\$ž`i bX`DfÀg]XYbh'Jc`cXma mf`NY`Ybg_mž'(("

8]Y'I_fU]bY'VY`Y[hY``YhnhYg'\\f'XYb'j]YfhYb'D`Uhn'ZØf'X]Y 9]bZØ\fib['jcb'?fmdhckÀ\fib[Yb']b'Y]bYa'[`cVU`Yb'\=bXYI'| ?cV]'Kc`Z#6`cca VYf[

8]Y'FY[]Yfi b['\Uh'gY]h'?f]Y[gVY[]bb'a Y\f'U`g'%\$\$'A]``]cbYb
8c``Uf'Ub'GdYbXYb']b'?fmdhck À\fi b['[YgUa a Y`h''CVk c\``X]Yg
]a 'JYf[`Y]W\'ni 'XYb'A]``]UfXYb'Ub'<]`ZY'k Ygh`]W\Yf'FY[]Yfi b[Yb
i bX'XYg'=K: '[Yf]b[']ghž'gU[hY'6cfbmU_cj ž'?fmdhc'gY]'ni 'Y]bYa
k YgYbh`]W\Yb'?f]Y[gk Yf_nYi ['[Yk cfXYbž'XUg': `YI]V]`]hÀhii bX
; YgW\k]bX][_Y]h'Yfa Ò[`]W\Y''

9gʻ]ghʻY]bYʻ[fc» Yʻ9ffi b[YbgW\UZhʻXYfʻFY[]Yfi b[žʻXUggʻk]fʻʻl b[Y : Ø\fi b[g_fÀZhY`\UVYbž'k]fʻg]bXʻYbh\i g]Ugh]gW\Yfʻi bXʻVYfY]hž JYfÀbXYfi b[Ybʻni 'U_nYdh]YfYb žʻgU[hYʻ6cfbmU_cj žʻY]bYʻ<Uʻhi b[ž j cbʻXYfʻYfʻ[`Ui VhžʻXUggʻg]Yʻa U»[YV`]W\ni fʻl a gYhni b[ʻX]YgYf ?fmdhcdc`]h]_'VY][YhfU[Ybʻ\Uh''

8 Yf'Dfc!?fmd hc!J cfghc» 'XYg'@UbXYg'k i fXY'X]YgY'K cWXY Zcfh[YgYhnhž'k cVY]'X]Y'FY[]Yfi b['fYWXh`]WXY'Ghfi _hi fYb'Y]bZØ\fhYž i a 'X]Y'6fUbWXY'Ubni _i fVY`b"'

?fmdhc!6ÒfgYb`XØfZYb`Yhnh`]a `@UbX`VYhf]YVYb`k YfXYbž'X]Y

J YfVfUi WkYf'g]bX'j cf'6Yhfi [`[YgWkØhnhž'i bX`X]Y`BUh]cbU`VUb_

XYf'I _fU]bY'i bX`X]Y`BUh]cbU`Y`K YfhdUd]Yf!'i bX

6ÒfgYb_ca a]gg]cb`k i fXYb`ni `5i Zg]WkhgVY\ÒfXYb`YfbUbbh"`@Ui h

XYb`<]bhYfa ÀbbYfb`XYf'bYi Yb'; YgYhn[YVi b[`_ÒbbhY`X]Y

BUh]cbU`VUb_`gWk`]Y»`]Wk']\fY`Y][YbY`X][]hU`Y`K À\fi b[`Y]bZØ\fYb"

8]Y'i _fU]b]gWXY'FY[]Yfi b['\Uh'VYfY]hg'X]Y'<À`ZhY']\fYf'?fmdhc!
GdYbXYb'ZØf'HUi gYbXY'j cb'_i [Y`g]WXYfYb'K YghYbž
9ggYbgfUh]cbYbž'<Y`a Yb'i bX'a YX]n]b]gWXYb'<]`Zg[ØhYfb
Ui g[Y[YVYb''i bX'g]WX'VYk i ggh'XUZØf'YbhgWX]YXYbž'X]Y'A]hhY`'ZØf
b]WXh'hÒX`]WXY'5i gf@ghi b['Ui gni [YVYbž'i a 'ni _ØbZh][Y'GdYbXYf
b]WXh'UVni gWXfYW_Yb"

9]b 'HY]` XYf'A]hhY`kifXY'UiW. 'ZØf'XUg'Uig[Y[YVYbž'kUg 6cfb'U_ck'Y]bYb'?f]Y[XYf'X][]hU`Yb'8]d`caUh]Y 'bYbbhž'VY]'XYa j YfgiW\h'k]fXž'X]Y'FiggYb'jcf'Cfh'ni 'YffY]W\Ybž'X]Y']b'Y]bYf 6`UgY'`YVYbž'X]Y'a]h'DfcdU[UbXU'[YZØhhYfh'k]fX ž'ibX'nkUf'XifW\AYX]Yb_UadU[bYb']b'gcn]U`Yb'BYhnkYf_Yb"

±b`XYf`Nk]gW\YbnY]h`\Uh`X]Y`FY[]Yfi b[`Ui W\`gW\bY```bYi Y JYfY]bVUfi b[Yb`a]h`A]`]hÀf`]YZYfUbhYb`[YhfcZZYbži a `Yfgha U`g NU\`i b[Yb`]b`?fmdhck À\fi b[Yb`ni `U_nYdh]YfYb"

A]WX UY`'7\cVUb]Ubž'; fØbXYf'XYf'?fmdhck À\fi b[gVÒfgY'?i bU'i bXDfÀg]XYbh'XYf'6`cW_WXU]b'5ggcW]Uh]cb'cZ'l _fU]bYž'UfVY]hYhY'a]h XYf'FY[]Yfi b['ni gUa a Ybž'i a ']\fY'?fmdhc!6Ya Ø\i b[Yb'bYVYb XYf'6ÒfgY': HL'i bX'XYf'i _fU]b]gWXYb'GhU_]b[!D`UhhZcfa '9j YfghU_Y ni 'g_U`]YfYb"

K]fig]bXiXUgidUfU``Y`Yi6Ub_YbgmghYa iZØfiXUgi@UbX žigU[hY7\cVUb]Ub" 9gi]ghii bgiY[U`žik Yfii bgi[YfUXYii bhYfghØhnhi < UW_Yfži?fmdhc!?f]a]bY``Yiigc`Ub[Yig]Yii bgi; Y`XigWk]W_Yb ž ZØ[hYiYfi\]bni "

 $U_nYdh]Yfhž`XUfibhYf`6]hWc]bž`9h\Yfž`HYh\Yfž`Gc`UbU`ibX`8c[YWc]b"Nijcf`\Uh`Yg`bif`gY]bY`cZZ]n]Y``Yb`?fmdhc!KU``Yh!5XfYggYb`UiZHk]hhYf`VYkcfVYb"`$

5VYf'Ui WX 'gcn]U`Y'A YX]Yb'i bX'A YggU[]b[!D`UhhZcfa Yb'k]Y HY`Y[fUa 'g]bX'Xi fWX'Y]bYb'Ni ghfca 'j cb ?fmdhck À\fi b[gVYhfØ[YfY]Yb'VYj Ò`_Yfhž'X]Y'j cf[YVYbž'GdYbXYb ZØf'X]Y'I _fU]bY'ni 'gUa a Y`b"'

K]f`\UVYb`gY]h`XYf`±oj Ug]cb`Y]bYb`5bgh]Y[`XYf`5WWci bhg
[YgY\Ybž`X]Y`g]W\`a]h`XYf`I _fU]bY`VYgW\ÀZh][Yb ž`gU[hY`6f]hhUbm
5``Ybž`JYfhfUi Ybg!`i bX`G]W\Yf\Y]hgUfW\]hY_h]b`VY]a
6Yhfi [gdfÀj Ybh]cbgi bhYfbY\a Yb`G]Zh"`HY`Y[fUa `fYU[]YfhY`b]W\h
Ui Z`Y]bY`6]hhY`i a `GhY``i b[bU\a Y"

@]gU'7Ua YfcbžY]bY'Vf]h]gW\Y'5V[YcfXbYhY'i bX'Jcfg]hnYbXY'XYfVf]h]gW\Yb'5``dUfhY]Yb!DUf`Ua Ybhg[fi ddY'ZØf'?fmdhc'i bX'X][]hU`YJYfa Ò[Ybgk YfhYž'gU[hYž'XYf'?f]Y['\UVY'[YnY][hž'k]Y'?fmdhc']bX]YgYa 'gW\fY_`]W\Yb'A ca Ybh'XYf'; YgW\]W\hY'Y]bY'?fUZh'ZØf'XUg; i hY'gY]b'_Ubb "'

5VYf`Yg`[]Vh`]a a Yf`bcW\`YW\hY`6YXYb_Ybž`k]Y`i bfY[i`]Yfh`X]Y 6fUbW\Y`]gh`i bX`k]Y`Fi ggYb`g]Y`bi hnYb`_ÒbbhYbž`i a `GUb_h]cbYb ni `i a [Y\Yb ž`ZØ[hY`g]Y`\]bni "`

; `cVU`Y`?fmdhc!6ÒfgYbž'XUfi bhYf'6]bUbW'i bX': HLž'k i fXYb _f]h]g]Yfhž'k Y]``g]Y`g]W`k Y][YfhYbž'fi gg]gW\Y'6Ybi hnYf'j c``ghÀbX][UVni gW\bY]XYb"'8]Y`I bhYfbY\a Yb'Uf[i a Ybh]YfYbž'XUgg'Y]b dUi gW\U`Yg'JYfVch'Ui Zi bZU]fY`K Y]gY`Ui Z'bcfa U`Y'6Øf[Yf UVn]Y`Yb'k ØfXYži bX`\UVYb'g]W\'j YfdZ]W\hYhž'GUb_h]cbYb YbYf[]gW\'Xi fW\ni gYhnYb"

5i Z'XYa 'K Y['Xcfh\]b'[UV'Yg'Ui WX'Y]b][Y': Y\`hf]hhYž'U`g'X]Y i _fU]b]gWXY'FY[]Yfi b['X]Y'VYghYb'A Ò[`]WX_Y]hYb'ni f'Bi hni b[X][]hU`Yf'5ggYhg']b'Y]bYf'gc'i b[Yk Ò\b`]WXYb'G]hi Uh]cb Ui qUfVY]hYhY"'

 $5bZUb[~X]YgYg`A~cbUhg`_\emptysetbX][~hY`X]Y`FY[~]Yfi~b[~Ubž`XUgg`g]Y$

XYbYb][Ybžx]YZØf]\fY?fmdhc!KU``Yhg`[YgdYbXYh`\UVYbža]h Y]bYa 5]fXfcd XUb_Yb`k ØfXY. K Ybb`B: Hg`cXYf`UbXYfY`Hc_Yb Ub`=bj YghcfYb`]b`Y]bYa `DfcY_h'j Yf[YVYb`k YfXYbž'cZh'i a `a Y\f 5ba Y`Xi b[Yb`ni ZÒfXYfb"`Ghi bXYb`gdÀhYf`ghcfb]YfhY: YXcfcj X]YgY`D`ÀbY`YXcW\` bUW\`fY]Z`]W\Yf`, VYf`Y[i b[`Y]b`NY]W\Yb XUZØfž'k]Y`ZfYbYh]gW\X]Y`X][]hU`Y`GhfUhY[]Y`gY]b`_Ubb"

±b`XYb`gcn]U`Yb`A YX]Yb`gWXYfnhY`X]Y`?fmdhc!7ca a i b]hmž`X]Yg`gY]
XYf`VYghY`HYdd]WX`U``Yf`NY]hYb ž`Y]b`6Y[f]ZZž`XYf`j Yfk YbXYh`k]fXž
i a `ni `VYgWXfY]VYbž`k Ybb`Ya UbX`Y]b`[Y\mdhYg`B: H!DfcY_h
ghcfb]Yfhž`bUWXXYa `g]WX`±bj YghcfYb`Ub[Ya Y`XYh`\UVYbž`]\bYb
XYb`HYdd]WX`i bhYf`XYb`: Ø» Yb`k Y[[Ync[Yb`i bX`a]h`XYa ; Y`X
XUj cb[Y`Ui ZYb`]gh"

8 Yf'bÀWk ghY'GWk f]hh'XYf'i _fU]b]gWk Yb'F Y[]Yfi b['k]fX'XUni ZØ\fYbž'XUgg'g]Y'XUg'YfghY'\dank Xi ghf]Y`UbX'k]fXž'XUg'Y]bY'Y][YbY GUa a `i b['j cb'B: Hg'\YfUi g[]Vh' 'gUa a Y`VUfY'Hc_Ybž'X]Y']b'XYf 6`cW_Wk U]b'Z]I]Yfh'g]bX'i bX'XU\Yf'b]Wk h'fYd`]n]Yfh'k YfXYb _ObbYb"'

9gʻ]ghʻ[Yd`Ubhž'Y]bYʻFY]\Yʻj cbʻB: Hgʻi bhYfʻXYaʻ5fVY]hgh]hY`j cb Ui ZʻXYbʻA Uf_hʻni ʻVf]b[Ybʻ*A YhU[YgWk]Wk hY. '?f]Y[ga i gYi a* "'8]Y GUa a`i b['k]fXʻY]bYbʻHc_Ybʻj cbʻYXYaʻHU[ʻXYgʻ?cbZ]_hg Ybh\U`hYbž'a]hʻ?i bghk Yf_Ybž'X]YʻY]bYfʻBUWkf]WkhYba Y`Xi b[YbhgdfYWkYb"

6cfbmU_cj 'gU[hYž'X]Y 'Hc_Yb'k ØfXYb'Y]bY'i bj YfÅbXYf`]WXY 5i ZnY]WX bi b[']b'XYf'6`cW_WXU]b'`]YZYfbži a 'XYb'?cbZ]_h'ni Xc_i a Ybh]YfYb'i bX'ni 'fYZY_h]YfYb'i bX'['Y]WXnY]h]['; Y`X'ni gUa a Y`bži a 'XYb'?Ua dZ'XYg'@UbXYg'ni ii bhYfghØhnYb"

8]Ygʻ]ghʻXUgʻYfghYʻA UʻžʻXUggʻX]YʻA UW\hij cbʻ?fmdhcʻUi ZʻX]YgY K Y]gYʻ[Ybi hnhik]fX žʻgU[hYʻGYf[YmʻJ Ugm`W\i _žʻ; fØbXYfʻj cb 9j YfghU_YžʻXYfʻUi gʻgY]bYfʻ<Y]a Uhʻi bXʻgY]bYa '<Ui dhg]hn`]bʻ?]Yk [YZc\Ybʻ]gh'ʻ A UggYbUXcdh]cbʻ]ghʻYhnhii bj Yfa Y]X`]W\"

8 YhU]`g

6 Y gi W Y b 'G]Y 'i b g 'Ui Z '_fmd hc!b Y k g "Uh