



Neptun.Net Education Administration System

Users Guide for Students



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=b`h]g'gWYYb`mci`Wb]j]Yk`mci`f`VUg]WdYfgcbU`XUHU`UbX`YfY`mci`UfY`U`ck`YX`hc`YX]h`h`Ya`Vm
W]W]b[`h`Y`A`cX]ZmXUHU`Vi`hcb"

5HH9BH=C B`mci`f`XUHU`X]gd`UmYX`YfY`UfY`Wfi`WU`Ug`h`YmUfY`fYei`]fYXz`Ua`cb[`ch`Yfgz`hc`h`Y
UXa`]b]ghfU]cb`cZ`hU`fY`YZ`Zc`f`ZYgZ`cZ`gW`c`Ufg`]dg`cf`cZ`Uj`U]]b[`mci`k`h`gc`WU`gYW`f]m]gYfj`]WgZ
gc`mci`UfY`fYei`YghYX`hc`a`cX]Zm`h`Ya`cb`m]b`i`gh]Z]YX`WUgYg"

%`A`cX]Zm`V`Ug]WXUHU`hUV

<YfY`mci`Wb`YbhYf`mci`f`a`cX]Z]YX`XUHU`H`Y`a`cX]Z]W]h]cb`fYei`Ygh`gYbh`Vm`W]W]b[`hc`f`GYbX
a`cX]Z]W]h]cb`fYei`Ygh`k`j`VY`fY[`]ghYfYX`UbX`h`Y`gmgh`Ya`]ggi`Yg`U`V`b`Z]fa`U]cb"

8YdYbX]b[`cb`h`Y`]bgh]h`h]cb]g`gYh]b[`gz`h`Y`gYbh`a`cX]Z]W]h]cb`k`j`VY`U`W`V`d`h`Y`X`U`i`h`c`a`U]h]W`m`c`f`
a`U`b`i`U`m`V`m`U`b`U`X`a`]b]ghfU]cb`f`=b`h`Y`U`h`Y`f`W]gYz`]h`W]b`c`W`V`f`h`U`h`h`Y`a`cX]Z]YX`XUHU`g`c`i`X`V`Y`
g`i`V`a`]h`Y`X`d`Y`f`g`c`b`U`m`U`b`X`i`gh]Zm`V`m`X`c`W`a`Y`b`h`g`U`h`h`Y`9`X`i`W]h]cb`5`X`a`]b]ghfU]cb`C`Z]W`f`=b`g`i`W`
W]gYgZ`h`Y`a`cX]Z]W]h]cb`gYbh`h`f`c`i`[`h`Y`A`DYfgcbU`XUHU`gWYYb`k`j`bch`Udd`YUf`]a`a`YX]U]h`n`z`V`i`h`
cb`m`U`Z`h`f`]h`g`Udd`f`c`j`U`":`c`f`Z`f`h`Y`f`]b`Z`c`f`a`U]cb`U`V`c`i`h`h`Y`g`Y`h]b[`g`Udd`]W]V`Y`]b`mci`f`]bgh]h`h]cb`U`b`X`
c`Z`X`c`W`a`Y`b`h`g`f`Y`e`i`]f`Y`X`h`c`i`gh]Z`m`a`cX]Z]W]h]cb`gZ`d`Y`U`g`Y`V`b`g`i`h`h`Y`9`X`i`W]h]cb`5`X`a`]b]ghfU]cb`C`Z]W`
c`f`h`Y`]b`Z`c`f`a`U]cb`Y`U`Z`Y`h`g`d`i`V`]g`Y`X`V`m`mci`f`]bgh]h`h]cb"

&`A`cX]Z]W]h]cb`c`Z`V`Ug]WXUHU`hUV

<YfY`mci`Wb`W`Y`W]mci`f`XUHU`a`cX]Z]W]h]cb`fYei`Ygh`g`h`U`h`mci`Uj`Y`g`Y`b`h`i`b`h]b`c`k`z`U`b`X`]b`h`Y`U`g`h`
V`e`i`a`b`c`Z`h`Y`]gh`mci`Wb]j]Yk`h`Y`A`5`W`V`d`h`Y`X`i`W`Y`W]V`c`i`k`V`W`g`l`c`k`g`]Z`h`Y`U`d`d`]W]h]cb`U`g`V`Y`Y`b`
U`W`V`d`h`Y`U`f`Y`U`X`m`c`f`b`c`h`"

E i U`Z]WU]cbg

H\]g'gWYYb`X]gd`Umg`mci f`dfYj]ci g`ei U`]Z]WU]cbg`UbX`Ub[i U[Y`YI Ua g`h`Uh`Uj Y`VYYb`YbhYfYX`]bhc
h\Y`gmghYa "

H\]g'gWYYb`cb`midfcj]XYg`]bZcfa Uh]cb/`mci `UfY`bchU`ck YX`hc`a cX]ZmidfYj]ci g`ei U`]Z]WU]cb`XUHU
`YfY``G\ci `X`UbmXUHU`VY`fYW`fXYY`YffcbYci g`mcf`]Zmci `Uj Y`cVHU]bYX`bYk`ei U`]Z]WU]cbgž`mci
bYYX`hc`bch]Zmi`h`Y`9Xi WU]cb`5Xa]b]ghfUh]cb`]b`dYfgcbž`hc[Yh`Yf`k]h`h`Y`XcW`a Ybhg`dfcj]b[`gc"

%`DfYj]ci g`ei U`]Z]WU]cbg`hUV

<YfY`mci `WU]b`j]Yk`mci f`dfYj]ci g`ei U`]Z]WU]cbg`fYUj]b[`Wf]Z]WU]hž`W`Y[Y`cf`i b]j Yfg]hmX]d`ca Už
YhW`"

&``@Ub[i U[Yg`hUV

<YfY`mci `WU]b`j]Yk`mci f`dfYj]ci g`Ub[i U[Y`YI Ua g`fYW`fXYY`]b`h`Y`gmghYa "

7 c b hUWh]b Zc fa Uh]cb

H\ jg'gWYYb'Wb'VY'i gYX'hc'i d'cUX'UbX'YX]h'mci f'Ve'bHUVh'XYHU]'gZ'Ya U]'UXXfYggYgZ'd\cbY'bi a VYfgZ
a U]'UbX'k YVg]hY'UXXfYggYg']b'dUfh]W'Uf''8i Y'hc'h'Y]f'dYfgcbU'bUhi fYz']b'h'Y'gmghYa'h'YgY'XUHU
Wb'cb'mVY'UWV'ggYX'Vm'mci'UbX'h'Y'UXa]b]ghfUhc'fg'Ui h'cf]gYX'hc'h'Uhi'di fdcgY''

K \Yb'ghYdd]b['h'fci [\ 'h'Y' hUVg'cZ'9a U]'UXXfYggYg'Z'5XXfYggYg'Z'1 F@UXXfYggYg'UbX'f'D\cbY
bi a VYfgZ'mci 'k]''Wb'j]Yk'mci f'YbhYfYX'Ve'bHUVh']bZcfa Uh]cbZ'UbX'\YfY'mci 'Wb'a cX]ZmUbX
fYa c] Y'h'Ya z'cf'UXX'bYk 'XUHU'hc'h'Y'gmghYa ''

5 HH9B H=C B ' =h]g'j Yfm]a dcfHUbh'h'Uhi'mci 'YbhYf'UbX'_YYd'mci f'Ve'bHUVh']bZcfa Uh]cbg'i d!hc!XUHYz
Ug'Vmih]g'k Um'h'Y'Ya d'cmYg'cZ'mci f']bgh]h' h]cb'Wb'Ve'bHUVh'mci ']Z'bYV'ggUf'nz'gYVebX'mz'h'Y
a YggU[YgZ'k \]W'UfY'gYbh'hc'mci 'h'fci [\ 'BYdhi bZ'Wb'cb'mVY'XY'j] YfYX'hc'mci 'j]U'Y!a U]'cf'GA G
]Z'mci f'cZ]W'U'Y!a U]'UXXfYgg'cf'a cV]Y'd\cbY'bi a VYf'g'Uj U]'UV'Yz'h'fX'mz'mci f'dYfa UbYbh'UXXfYgg
d'Um]Ub'ja dcfHUbh'fc'Yz'Ua cb['ch'Yfgz']b'a U]b]b]b]b]b['dcghU'Ve'ffYgdcbXUbW'z']b']bgh]h' h]cbU'XUHU
gi dd'mUbX']b'dfcdYf']bj c]W]b['cZ'ZY!dUm]b[''

% "5XX'bYk 'Ve'bHUVh']bZcfa Uh]cb

Hc'i d'cUX'U'bYk 'UWV'gg]V']h'mz'i gY'h'Y'Vi h'cbg'f'BYk '""f'hc'VY'Zci bX'cb'h'Y' hUV'Ve'bW'fbYXz'YbhYf
h'Y'bYk]bZcfa Uh]cb]b'h'Y'UddYUf]b['gWYYbz'UbX'W]W'f'GUj Yf''

& "A cX]Zm'Ve'bHUVh']bZcfa Uh]cb

=Z'mci 'k Ubh'hc'a cX]Zm'U'XUHUz'W]W'h'Y']b_'f'A cX]Zm']b'h'Y'fck 'Ve'bW'fbYXz']b'h'Y'dcd!i d'k]bXck
WVffmci h'h'Y'a cX]Z]W]h]cbg'fYei YghYXz'UbX'W]W'f'GUj Yf''

' "8Y'YhY 'Ve'bHUVh']bZcfa Uh]cb

H'Y'gmghYa 'U'gc'U'ck'g'XY'Yh]b['Z'mci 'gY'YVh'f'8Y'YhY'f'W'Y'W'Vcl]b'h'Y'XUHU'fck'z'k \]W'mci 'k Ubh
hc'XY'YhYz'UbX'W]W'f'8Y'YhY'f''=Z'mci 'k Ubh'hc'XY'YhY'U'XUHU'k \]W'k YfY'dfYj]ci g'm'UXXYX'hc'h'Y
hUVz'gY'YVh'h'Y'W'Y'W'Vcl]b'h'Y'Ve'i a b'\YUXYfz'k \]W'fYgi 'hg']b'h'Y'h]W]b['cZ'U'W'Y'W'Vcl Yg']bU'
XUHU'fck'g/h'Yb'W]W'f'8Y'YhY'f''

("Df]bh'XUHU

mci 'Wb'df]bh'h'Y']ghg'VmW]W]b['Z]fgh'hc'Df]bh]Ve'b'cb'hd'f][\ h'cZ'h'Y']ghz'h'Yb'hc'h'Y'Vi h'cb
f'Df]bh']b'h'Y'dcd!i d'k]bXck ''

) "5XXfYgg'a cX]Z]W]h]cb'fYei Yghg

5XXfYgg'a cX]Z]W]h]cbg'UfY'g][\ h'mX]ZZYfYbh'Z'ca 'h'cgY'cZ'ch'Yf'Ve'bHUVh']bZcfa Uh]cb'Zc'fYUgcbg
a Ybh]cbYX'Uh'h'Y'VY[]bb]b['cZ'h']g'XYgW'dh]cb''=Z'mci 'a cX]Zm'Ub'UXXfYgg'cf'UXX'U'bYk 'UXXfYggz']h
k]''VY'UXXYX'hc'UXXfYgg'a cX]Z]W]h]cb'fYei Yghg'E'h'YgY'Wb'VY'j]Yk YX'Vm'W]W]b['f'5XXfYgg
a cX]Z]W]h]cb'fYei Yghg'f'Ez'UbX'XYdYbX]b['cb'h'Y']bgh]h' h]cb'f'BYdhi b'gYh]b[gZ'h'Y'fYei Ygh'k]''VY
UWV'dhYX'Ui hca Uh]W'nz'cf'a Ubi U'm'Vm'Ub'UXa]b]ghfUhc'f''=b'h'Y'UhhYf'WgYz']h'a Umc'WV'f'h'Uhi'h'Y
XUHU'a cX]Z]W]h]cb'mci 'g\ci 'X'fY[]ghYf']b'dYfgcb'UbX'f' gh]Z]YX'Vm'W'fh]Z]W]h]g']b'h'Y'9Xi W]h]cb
5Xa]b]ghfUh]cb''5Z'hY'h']gZ'h'Y'W'Y'W'Vcl 'UX'UW'bh'hc'h'Y'fYei Ygh'i bXYf'h'Y'hYi h'f'5WV'dhYX'f'k]''VY
a Uf_YX''

GcWU`gYW f]hmifC 9DŁ`ghUhi g

H\]g`]bhYfZJWU`ck g`mci `hc`W`YW`k` \Yh`Yf`mci f`]bgh]hi h]cb` \ Ug`Z`Z`YX`]hg`cV`][Uh]cb`hc`bch]Zm`h`Y
BUh]cbU`<YU`h`=bgi fUbVW` : i bX`cZ`mci f`UhY`bXUbVW`Z`UbX`Ug`U`fYgi`h`]Z`mci`UfY`Y`[U`m]bgi fYX`]b`h`Y
gcWU`gYW f]hmigmghYa`ghYa`a`]b[`Z`ca`mci f`ghi`XYb`h`fY`Uh]cbg`d`"

5HH9BH=CB`G`ci`X`mci`Z]bX`UbmiX]gVWYdUbVmi]b`k` \ Uh`]g`X]gd`UmYX`cb`h`]g`dU[Yz`d`YUgY`bch]Zm`h`Y
9Xi`W]h]cb`5Xa`]b]ghfUh]cb`Ug`gccb`Ug`dcgg]V`Y`"=Z`mci`ZJ`]hc`Xc`gcž`mci`a`][\ h` \ Uj`Y`gYf]ci`g`dfcV`Ya`g
Xi`Y`hc`h`Y`UW`cZVY]b[`Y`[U`m]bgi fYX`]b`h`Y`gcWU`gYW f]hmigmghYa`"

GYhh]b [g

=b`h\]g'gWYYb'mci`Wb`WUbl`Y'mci`f'dUggk`cfX`UbX`c[]b`bUa`Yz`W`ghca`jnY'mci`f`BYdhi`b`UWw`i`bh`
<YfY'mci`Wb`U'gc`gYh`k`\\W`mci`f`dYfgcbU`XUH`mci`U`ck`hc`VY`UWw`ggYX`]b`h`Y`a`Ybi`f`GYUfW`Zcf`
ghi`XYbhg`Vmimci`f`ZY`ck`!`ghi`XYbhg`"

5HH9BH=C B` H\Y`7\Ub[Y`c[]b`bUa`Y`UbX`h`Y`7\Ub[Y`dUggk`cfX`hUVg`k`]`cb`mUddYUf`Z`mci`f`
]bgh]hi`h]cb`a`UXY`h`Y`gY`Z`bW]cbg`Uj`Uj`UV`Y`Zcf`h`Y`ghi`XYbhg`"

%`7\Ub[Y`c[]b`bUa`Y`

<YfY'mci`Wb`WUbl`Y`h`Y`c[]b`bUa`Y`h`U`mci`i`gY`Zcf`g[[]b[]b`hc`BYdhi`b`=b`XYZUj`h`h`g`]g`h`Y`
gUa`Y`Ug`mci`f`BYdhi`b`W`XY`":`cf`W`Ubl`]b[]`h`k`f`h`h`Y`XYg]fYX`c[]b`bUa`Y`f`cb`mWld]h`Y`h`Y`fg`UbX`
bi`a`VYfg`Wb`VY`i`gYX`E`]b`hc`h`Y`[]j`Yb`Z]Y`X`UbX`W]W`cb`h`Y`7\Ub[Y`c[]b`bUa`Y`Vi`h`cb`VY`ck`"

5HH9BH=C B` 5`h`ci`[\`mci`Wb`WUbl`Y`mci`f`c[]b`bUa`Y`h`Y`UVcj`Ya`Ybh]cbYX`k`Umz`mci`f`BYdhi`b`
W`XY`k`]`f`Ya`U]b`h`Y`gUa`Y`UbX`h`Y`U`h`Y`f`k`]`VY`i`gYX`Zcf`mci`f`]XYbh]Z]W]h]cb`]b`h`Y`YXi`W]h]cb`
UXa`]b]ghfU]h]cb`z`gc`Xc`b`ch`Zcf[Yh]h`"

&`7\Ub[Y`dUggk`cfX`hUV`

H\]g`hUV`gYfj`Yg`hc`WUbl`Y`h`Y`c[]b`dUggk`cfX`mci`i`gY`Zcf`g[]b]b[]b`BYdhi`b`":`]fgh`YbhYf`mci`f`c`X`
dUggk`cfX`z`h`Yb`YbhYf`h`]W`h`Y`b`Yk`cb`Y`z`h`Yb`W]W`7\Ub[Y`dUggk`cfX`H\Y`gi`Ww`ggZ`dUggk`cfX`
WUbl`Y`k`]`VY`W`b`Z]fa`YX`Vm`h`Y`gmgh`Ya`"=h`]g`UXj`]gUV`Y`hc`i`gY`U`dUggk`cfX`W`bg]gh]b[`c`Z`U`gdYW]Z]W`
W`a`V]bU]h]cb`c`Z`U`d`Ubi`a`Yf]Ww`UfUWw`fgz`k`\\W`Wb`b`ch`VY`YUg]m[i`YggYX`Vm`ch`Yf`d`Ycd`Y`
DUggk`cfXg`Wb`W`b`h]b]b`ck`Yf`UbX`i`dd`Yf`WUgY`<i`b[Uf]Ub`U`d`UVYh]Ww`UfUWw`fgz`Ug`k`Y`Ug`
bi`a`YfU`g`"

=b`WUgY`mci`f`]bgh]hi`h]cb`i`gYg`U`X]ZZYfYbh`gmgh`Ya`Zcf`Ui`h`Ybh]W]h]cb`!`k`\\W`a`YUbg`mci`Wb`fhi`gYh`
mci`f`dUggk`cfX`k`]h`]b`h`Y`BYdhi`b`!`h`Yb`h`]g`hUV`k`]`b`ch`UddYUfz`Ug`mci`g`l`ci`X`WUbl`Y`mci`f`
dUggk`cfX`]b`h`U`h`ch`Yf`gmgh`Ya`"

5HH9BH=C B` DUggk`cfXg`UfY`fYW`a`a`Yb`YX`hc`VY`WUbl`YX`fY[i`Uf`m`hc`d`fYj`Yb`h`i`b`Ui`h`cf]nYX`UWw`gg`
hc`mci`f`dYfgcbU`gYh]b[g`UbX`XUH`":`cf`h`]g`fYUgcbz`k`\\Yb`mci`Z]fgh]g[]b`]b`h`Y`gmgh`Ya`z`h`]g`gWYYb`
UddYUfg`Ui`h`ca`Uh]W`n`=B`H<=G`75G9`MCI`G<CI`@8`7<5B;`9`MCI`F`D5GGK`CF8z`5B8`:`I`FH<9F`CB`
B9J9F`I`G9`MCI`F`6=F`H<`85H9`:`CF`=H`"

'`GYUfW`Ui`h`cf]nU]h]cb`hUV`

<YfY'mci`Wb`gYh`k`\\W`cZ`mci`f`dYfgcbU`XUH`UfY`U`ck`YX`hc`VY`j`]Yk`YX`]b`h`Y`gmgh`Ya`Vmimci`f`
ZY`ck`!`ghi`XYbhg`i`g]b[`h`Y`GYUfW`Zcf`ghi`XYbhg`a`Yb`"ft`cf`Yi`Ua`d`Yz`]Z`mci`gY`VW`DYfa`]h`i`b`XYf`
BYdhi`b`W`XY`z`mci`Wb`VY`Zci`bX`Vm`ch`Yf`i`gYfg`]b`h`Y`GYUfW`Zcf`ghi`XYbhg`gWYYb`k`\\Yb`h`Ym`
gYUfW`mci`Vmimci`f`BYdhi`b`W`XY`E`
5ZhYf`\\Uj`]b[`gY`VWYX`h`Y`f`ei`]fYX`gYh]b[gz`W]W`GUj`Y`"

("G_]b`g`hUV`

<YfY'mci`Wb`hc`W`ghca`jnY`h`Y`U`mci`h`cZ`mci`f`BYdhi`b`i`gYf`]bhYfZUW`Vm`W`ccg]b[`Z`ca`h`Y`Uj`U]UV`Y`
cdh]cbg`GY`VW`h`Y`XYg]fYX`h`Ya`Y`Z`ca`X`cd`!`X`ck`b`a`Ybi`z`UbX`W]W`7\Ub[Y`g_]b`H\Y`gYh]b[`k`]`
VY`ghc`fYX`]b`h`Y`gmgh`Ya`UbX`h`Y`i`gYf`]bhYfZUW`k`]`UddYUf`k`]h`h`Y`gY`VWYX`h`Ya`Y`"

Ghi X]Yg

HfU]b]b['XUhU

I g]b['h\Y'a Ybi 'mci 'WUbj jYk 'h\Y'XUhU'dYfhU]b]b['hc'mci f'hfU]b]b[f]gk'UbX'gdYWU'gUh]cbf]gk" 'H\]g
gWYYb'cb'midfcj]XYg']bZcfa Uh]cb/'mci 'UfY'bch'U'ck YX'hc'a cX]ZmXUhU'\YfY"'G\ci 'X'h\YfY'VY'Ubm
V\Ub[Yg'hc'mci f'XUhU'z'cf'g\ci 'X'mci 'ZY'Y'h\Y'XUhU'X]gd'UmY'X'jg']bVefYVWz'd'YUgY'Wz'bhU'Vh'h\Y
9Xi WU]cb'5Xa]b]ghfUh]cb"

5 HH9B H=C B " 'H\Y']bhYfZJW'cb'miX]gd'UmY'gdYWU'gUh]cbg'Zcf'k \]V\mci '\Uj Y'U'fYUXmiVYYb
fY[]ghYfYX"'Hc'Udd'mZcf'U'gdYWU'gUh]cbz'W]W' "GdYWU'nUh]cb'Udd'WU]cb"'cb'h\Y'"5Xa]b]ghfUh]cb"
a Ybi "'<ck Yj Yfz'Udd'WU]cbg'a Uf_YX'\YfY'k]'bch'UddYUf'Uh'cbW'cb'h\Y'"gh'cZ'mci f
gdYWU'gUh]cbg'z'h\]g'k]'\UddYb'cb'miUZhYf'h\Y'fY[]ghfUh]cb'dfcW'gg'jg'WcgYX"

5 HH9B H=C B " 'H\Y'gWYYb'k]'U'k UmY']bZcfa 'mci 'UVci h'mci f'W'ffYb'h'mgY'YVWYX'hfU]b]b["'G\ci 'X'mci
dUfh]W]dUhY']b'a cfY'h\Ub'cbY'hfU]b]b['z'VmW]W]b['h\Y'"7\Ub[Y'hfU]b]b["'Vi h'cb]b'h\Y'"HfU]b]b["
ZfUa Y'Uh'h\Y'hcd'Yzh'cZ'h\Y'dU[Yz'U'dcd!i d'UddYUfg']b'k \]V\mci 'WU'gY'YVh'U'hfU]b]b['cZ'mci fg
Zfca 'U'Xfcd!Xck b']gh'hc '\Uj Y'h\Y'fY'UhY'X']bZcfa Uh]cb'X]gd'UmY'X'cb'h\Y'gWYYb"

GYa YghYfg

H\ Jg'gfYYb'U'ck g'mci 'hc'X]gd'UmVUg]WXYHU]g'cZmci f'gYa YghYfgz'VmigYa YghYfz'UbX'h'Y'fY[]ghYfYX gi V'YVWg'Zcf'h'Y'W ffYbh'gYa YghYf'"Mci 'U'gc'\Uj Y'h'Y'cdh]cb'cZj]Yk]b['XYHU]g'cb]bX]j]Xi U' gi V'YVWg'UbX'mci f'fYgi 'hg'Zcf'h'Y'gi V'YVW'Ve'bWfbYX'"5XX]h]cbU'mz']b'h'Y'dfY'Ja]bUfmiUbX'Z]bU' gi V'YVW'h'fY[]ghfUh]cb'dYf]cX'Ug'k Y''Ug']b'h'Y'Ve'i fgY'fY[]ghfUh]cb'dYf]cX'z'i bXYf'gi V'YVW'XUH'z'mci 'UfY U'ck YX'hc'W'Ub[Y'Ve'i fgYg'cf'hc'XYfY[]ghYf'h'Y'dUfh]W'Uf'gi V'YVW'

K \Yb'cdYb]b['h'Y']bhYfZUW'z'h'Y'gi V'YVWg'cZ'h'Y'W ffYbh'gYa YghYf'k]''Ui hca Uh]W'`mVY'g\ck b"

%"8]gd'UmXUH'Zcf'gY'YVW'YX'gYa YghYf

GY'YVW'h'Y'gYa YghYf'hc'X]gd'UmZ'ca 'h'Y'`GYa YghYfg`'Xfcd!Xck b'']ghz'UbX'W]W'cb']h"

I]b['h'Y'Xfcd!Xck b'a Ybi 'Uh'h'Y'hd'cZ'h'Y'']gh'cZgi V'YVWg'z'mci 'a UmigdYV]Zm'h'Y'bi a VYf'cZ gi V'YVWg'h'Y'gmghYa 'g\ci 'X'X]gd'UmXUH'Zcf'dYf'dU[Y''=Z'h'Y'']gh']g'cb[Yf'h'Ub'cbY'dU[Yz'mci 'a Um a cj Y'VYk YYb'dU[Yg']b'Vch'X]fYV]cbg'Vmi]b['h'Y'Uffck g'Uh'h'Y'hd'cZ'h'Y'']gh'cf'h'Y'Xfcd!Xck b a Ybi "'6mW]W]b['h'Y'Df]bh]Veb'mci 'W]b'df]bh'h'Y'[]j Yb'dU[Y"

6mW]W]b['cb'h'Y'GYUfW]Veb'z'U'gYUfW]bhYfZUW'UddYUfg'Uh'h'Y'hd'cZ'h'Y'gi V'YVW'h'g'h'<YfY'mci W]b'g'Y'VW'k \]W'XUH'cZ'h'Y'gi V'YVW'h'mci 'k]g\ 'hc'gYUfW 'Z'ca 'U'Xfcd!Xck b'a Ybi "'H'Yb'gdYV]Zm h'Y'hY' h'mci 'UfY'cc_]b['Zcf'UbX'W]W]'`GYUfW ""'5g'U'fYgi 'h'z'h'Y'']gh'k]''cb'm'Ve'b]h]b]gi V'YVWg' gUh]gZ]h]b['h'Y'gdYV]Z'YX'Ve'bX]h]cbg'"GYUfW 'U'gc'k cf_g'Zcf'dUfh]U'k cfXg'z'UbX']g'W]gY!]bgYbg]h]j Y''=Z mci 'k Ubh'hc'gY'Y'h'Y'k \c'Y'']gh'U[U]b'z'YUj Y'h'Y''H'Y' h'hc'gYUfW 'Zcf''Z]Y'X'Ya dhmiUbX'W]W]'`GYUfW ""

6mW]W]b['Ubm]Z]Y'X']b'h'Y'h]h'Y'VUf'cZ'h'Y'']ghz'mci 'a Umigcf'h'Y'Ve'b]h]bhg'cZ'h'Y'Ybh]fY'']gh UV'Ve'fX]b['hc'h'Y'Z]Y'X'g'Y'VW'YX'"H'Y'Z]Y'X'UV'Ve'fX]b['hc'k \]W'h'Y'gi V'YVWg'UfY'gcf'h'YX']g'X]gd'UmY'X']b U'X]Z]YfYbh'Ve'ci f'h'Ub'h'Y'ch'Y'fgz'k \]Y'U'ga U''Uffck 'bY' h'hc']h'g\ck g'h'Y'gcf'h'cfXYf"

&"J]Yk 'fYgi 'hg

7]W]b['h'Y'f'fYgi 'hg]'Z]Y'X']b'h'Y'fck 'cZgi V'YVWg'X]gd'Um'g'U'dcd!i d'k]bXck 'g\ck]b['h'Y'']gh'cZ fYgi 'hg'fYV'Ve'fYX']b'h'Y'gmghYa 'Zcf'h'Y'gi V'YVW'Ve'bWfbYX"

' "Gi V'YVW'XYHU]'g

6mW]W]b['cb'Ubm'ch'Y'f'XUH'cZ'U'gi V'YVW'z'U'dcd!i d'k]bXck 'k]''X]gd'Um'h'Y'gi V'YVW'XYHU]'g'"6m W]W]b['cb'h'Y'hUVg'mci 'a UmW'YV'VUg]WXYUH'cb'h'Y'gi V'YVW'Ve'bWfbYX'fY"["'XYgW]dh]cbz fYgdc]bg]V'Y'YVW' fYfz'gi V'YVW'cf[Ub]gUh]cbU'i b]h'z'YV'Ve'z'U'Ve'i fgY'']gh'Zcf'h'Y'gi V'YVW'z'gm'UVi'g'UbX hY' hVcc_g'i gY'Zcf'h'Y'Ve'i fgY'f]Zi d'cUXYX']bhc'h'Y'gmghYa 'ez'Ug'k Y''Ug'h'Y'']gh'cZ'g'h'XYbhg fY[]ghYfYX'Zcf'h'Y'gi V'YVW'Zcf'h'Y'dUfh]W'Uf'gYa YghYf"

(' "7\Ub[Y'Ve'i fgYz'XYfY[]ghYf'gi V'YVW'h'fcb'mXi f]b['h'Y'g][b!i d'dYf]cXz

I g'Y'h'Y'W'YV'Vcl]b'h'Y'Ugh'Ve'i a b'cZ'h'Y'']gh'cb'h'Y''5j U]UV'Y'Ve'i fgYg''hUV'i bXYf'Gi V'YVW' XYHU]'g'hc'g'Y'VW'h'Y'Ve'i fgYfg'z'mci 'k]g\ 'hc'fY[]ghYfz'UbX'WYUf'h'Y'W'YV'Vcl Yg'Zcf'h'Y'Ve'i fgYfg'z' mci 'k]g\ 'hc'XYfY[]ghYf'"7]W]'`GUj Y''hc'\Uj Y'h'Y'gmghYa 'g][b'mci 'i d'Zcf'h'Y'XYg]fYX'Ve'i fgYfg'z'Z d'cg]V'Y'"H'Y'gmghYa 'bch]Z]Yg'mci 'cZ'h'Y'dYfZ'ca YX'fY[]ghfUh]cb'cf'gYbX'Ub'Yffcf'XYgW]dh]cb a YggU[Y''Mci 'a UmXYfY[]ghYf'U'gi V'YVW'h'miW]W]b['h'Y''8YfY[]ghYf'gi V'YVW'h'Vi h'cb'"H'Y'gmghYa gYbXg'U'Ve'bZ]fa Uh]cb'cf'U'd'cg]V'Y'Yffcf'a YggU[Y"

) "'7ci fgY'XYHU]'g

6mW]W]b['cb'Ubm'Ve'i fgY'XUH']b'h'Y''5j U]UV'Y'Ve'i fgYg'']ghz'h'Y''7ci fgY'XYHU]'g'']bhYfZUW]'g X]gd'UmY'X'"7ci fgY']bZ'ca Uh]cb']g'X]gd'UmY'X'cb'hUVg'z]g]a]Uf'hc'h'Y'k]bXck 'cb'gi V'YVW'XUH'"H'Y' `G'h'XYbhg''hUV'cb'mX]gd'Um'g'h'Y'']gh'cZ'g'h'XYbhg'fY[]ghYfYX'Zcf'h'Uh'Ve'i fgY'"H'Y''H]a YHUV'Y''HUV g\ck g'h'Y'']gh'cZ'Yggcbg'Zcf'h'Y'dUfh]W'Uf'Ve'i fgY'/\ck Yj Yfz'Uzh'f'Ve'a d'Yh]b['h'Y'fY[]ghfUh]cb'Zcf h'Y'gi V'YVW'UbX'Ve'i fgYg'z'U'mci f'fY[]ghYfYX'Ve'i fgY'W]b'VY'j]Yk YX']b'cbY'd'UW'z'i bXYf'`H]a YHUV'Y'']b'h'Y''G'h'X]Yg'a Ybi "

H]a YhUV`Y

H\ Jg'gWYYb'gYfj Yg'hc'X]gd'Umimci f'hja YHUV`Y'cZ`Yggcbg'UbX`YI Ua `cfXYf'VUgYX'cb'mci f'gYHh]b[g"
=bZcfa Uh]cb'cb'gi V`YVWg'UbX`YI Ua g'X]gd'UmYX`WUb'U'gc'VY`UWVWggYX`Zfca `YfY" `8i f]b[`h\Y
fY[]ghfUh]cb'dYf]cX'mci `UfY'U`ck YX'hc`VWUb[Y`Vei fgYg'cf'XYfY[]ghYf'gi V`YVWg"

%`H]a YhUV`Y`X]gd'UmigYHh]b[g

I g]b[`h\Y`Xfcd! Xck b`]ghz`Zfgh'g'YVWk \]W`gYa YghYf'hc'X]gd'Umh\Y'hja YHUV`Y`Zcf" H\Ybzi bXYf
`=hYa g'hc'X]gd'Umz'g'YVWk \Yh\Yf'hc'X]gd'Um`Yggcbg'cf'YI Ua g'cZh\Y'dUfh]W`Uf'gYa YghYf"

9I Ua g'a UmVY`ei Yf]YX`Zcf'U[]j Yb'k YY_`cf'gi a a Uf]nYX`Zcf'h\Y`Ybh]fY'gYa YghYfz'UbX'mci `a UmigYh
h\Y`XUHy`Zfca `k \]W`h\Ym'g\ci `X`VY`X]gd'UmYX`Vmih\Y`dfc[fUa " H\Y`XYZUj`hj U'i Y]g'h\Y`W`ffYbh
XUHy" "5Zhf'h\Y`fYei]fYX`XUHy`Ug`VYyb`gd'YVWZ]YXz'h\Y`XUHy`W`bVWfb]b[`h\Y`W`ffYgdcX]b[`k YY_
g\U`VY`]ghYX'cb'h\Y`gWYYb'fk \Yb'h\Y`k YY_`cdh]cb]g'gY`VWYXz'cf'mci f`Yggcbg'gWYXi `YX`Zcf'h\Y
Ybh]fY'gYa YghYf`Z`ck]b[`h\Y`gY`VWYX`XUHy`fk \Yb'h\Y` 9bh]fY'gYa YghYf` `cdh]cb]g'gY`VWYXz`H\Y
`UHyf`Z`bV]cb'a U]b'm]g]a d`]Z]Yg'h\Y`hfUW_]b[`cZh\Y]f'hja YHUV`Y`Zcf'h\Y`gYa YghYf` Zcf`X]ghUbWV
`YUfb]b[`cf`W`ffYgdcXbW`gh`XYbhg "

6Yg]XYg'h\Y`cdh]cbg'a Ybh]cbYX`fY[UfX]b[`YI Ua gz`Yggcbg'a UmU'gc'VY`ei Yf]YX`]b'U` gi a a Uf]gYX
Zcfa " `=h\ Jg`WUgY`h\Y`Ybh]fY'gYa YghYf`k]`VY`]ghYX`]b'h\Y`Zcfa `cZk YY_`m]hja YHUV`Yg`Zfca `k \]W`E
Ua cb[`ch\Yfg`E`mci `WUb`Z]bX`ci h'k \]W`k YY_g`fYj Ybz`cXz`U`E`h\Y[]j Yb`Yggcbg`k]`VY`Y`X`cb"
H\ Jg`Z`bV]cb'a U]b'm]g]a d`]Z]Yg'h\Y`hfUW_]b[`cZh\Y]f'hja YHUV`Y` Zcf`Z` `hja Y`UbX`Yj Yb]b[`W`ei fgY
gh`XYbhg " : `cf`h\ Jg`cdh]cbz`h\Y`"GHUfhXUHy`"Z]Y`X`WUbbchVY`WUb[YX"

K]h\`h\Y`YI W`dh]cb`cZ`h\Y`ghUfhXUHy`z`hja YHUV`Y`gYHh]b[g`UfY`gUj YXz'a YUub]b[`h\Uh]h'k]`VY
X]gd'UmYX`UWV`fX]b[`hc`mci f'dfYj]ci g`W`c]W`g'h\Y`bYI h'hja Y'mci `c[`]b"

&" Df]bh]hja YhUV`Y

7`]W_`Df]bhUV`Y`j Yfg]cb`z`h\Yb`Df]bh`]b'h\Y`k]bXck `h\Uh]X]gd'Um`g'hc`df]bh'h\Y`hja YHUV`Y`W`ffYbh'm
X]gd'UmYX`cb'h\Y`gWYYb`=b`h\ Jg`WUgY`U`]bZcfa Uh]cb`fY[UfX]b[`Yggcbg'cf'YI Ua g`k]`UddYUf`]b`df]bh
YI UW`mUg`X]gd'UmYX`cb'h\Y`hja YHUV`Y`]bhYfZUW"

7`]W_`Df]bh`]gh`hc`df]bh`U`g]a d`]Z]YX`]ghz`k \]W`W`bH]bg'h\Y`dfYW]gY`hja Y`cZ`Yggcbg'UbX`YI Ua g`Ug
k Y`Ug'h\Y`bUa Yg`cZ`gi V`YVWg`G]a]Uf`hc`h\Y`9bh]fY'gYa YghYf` `cdh]cbz`h\ Jg`hmdY`cZ`df]bhci h`]g
i gYz `Zcf`W`ffYgdcXbW`cf`X]ghUbW`YUfb]b[`gh`XYbhg"

'`J]Yk`hja YhUV`Y`]hYa `XYhU]`g

7`]W_`cb`U`hja YHUV`Y`]hYa `E`Yggcb'cf'YI Ua `E`hc'X]gd'UmU`dcd! i d`k]bXck `]gh]b[`Gi V`YVW`XYHJ]g`]b
h\Y`WUgY`cZ`U`Yggcbz'cf`9I Ua `XYHJ]g`]b'h\Y`WUgY`cZ`Ub`YI Ua " `F Y[UfX]b[`gi V`YVWg`Xi f]b[`h\Y
g][b! i d`dYf]cX'mci `UfY'U`ck YX'hc`VWUb[Y`Vei fgYg'cf`hc`WUbW`h\Y`gi V`YVWz`'i gh`_Y`Ug`]b'h\Y`WUgY
cZ`h\Y`a Ybi]hYa g`Gi V`YVWg`#Gi V`YVW`fY[]ghfUh]cb'cf`Gh`X]Yg`GYa YghYfg"

; fUXY`Uj YfU[Yg

=b`h`l]g`gWYYbz`mci`WU`b`W`Y`W`h`h`Y`X`U`H`U`c`Z`V`c`h`l`m`c`i`f`Z`b]g`Y`X`U`b`X`W`f`f`Y`b`h`g`Y`a`Y`g`h`Y`f`g`z`h`h`Y`f`
W`f`f`Y`g`d`c`b`X]b[`f`U`X`Y`U`j`Y`f`U[`Y`g`z`U`g`k`Y`U`g`h`h`Y`f`Y[`]g`h`Y`f`Y`X`U`b`X`Y`U`f`b`Y`X`W`Y`X]h`g`M`c`i`W`U`b`U`g`c`j`]Y`k`h`h`Y`
U`a`c`i`b`h`c`Z`m`c`i`f`f`Y`H`U`_`Y`b`Y`I`U`a`g`V`c`h`V`m`g`Y`a`Y`g`h`Y`f`U`b`X`W`a`i`U`h`Y`X`Z`c`f`m`c`i`f`g`h`i`X]Y`g`"

GY`Y`W`h`Y`X`W`Y`X]h`g.`h`c`H`U`U`a`c`i`b`h`c`Z`W`Y`X]h`g`Z`c`f`h`h`Y`g`i`V`Y`W`h`g`f`Y[`]g`h`Y`f`Y`X`]b`h`h`Y`W`f`f`Y`b`h`g`Y`a`Y`g`h`Y`f`
X`i`f]b[`]g`i`V`Y`W`h`g`f`Y[`]g`h`f`U`h]c`b`"

H`c`H`U`U`g`Y`Y`W`h`Y`X`W`Y`X]h`g.`h`c`H`U`U`a`c`i`b`h`c`Z`W`Y`X]h`g`Z`c`f`U`U`g`i`V`Y`W`h`g`f`Y[`]g`h`Y`f`Y`X`]b`h`h`Y`W`f`f`Y`b`h`U`b`X`h`h`Y`
d`f`Y`j`]c`i`g`g`Y`a`Y`g`h`Y`f`X`i`f]b[`]g`i`V`Y`W`h`g`f`Y[`]g`h`f`U`h]c`b`"

9`U`f`b`Y`X`W`Y`X]h`g.`h`c`H`U`U`a`c`i`b`h`c`Z`W`Y`X]h`g`Z`c`f`g`i`W`W`g`g`z`m`Z]b]g`Y`X`g`i`V`Y`W`h`g`f]b`h`h`Y`W`f`f`Y`b`h`g`Y`a`Y`g`h`Y`f`"

H`c`H`U`U`Y`U`f`b`Y`X`W`Y`X]h`g.`h`c`H`U`U`a`c`i`b`h`c`Z`W`Y`X]h`g`Z`c`f`h`h`Y`g`i`W`W`g`g`z`m`Z]b]g`Y`X`g`i`V`Y`W`h`g`f]b`h`h`Y`W`f`f`Y`b`h`
U`b`X`h`h`Y`d`f`Y`j`]c`i`g`g`Y`a`Y`g`h`Y`f`"

5`j`Y`f`U[`Y`U`b`U`j`Y`f`U[`Y`j`U`i`Y`W`W`U`h`Y`X`Z`f`c`a`h`h`Y`f`Y`g`i`h`g`c`Z`h`h`Y`W`f`f`Y`b`h`g`Y`a`Y`g`h`Y`f`h`h`Y`f`i`Y`g`c`Z`
U`j`Y`f`U[`Y`W`W`U`h]c`b`f`k`V`X]g`i`V`Y`W`h`g`U`f`Y`]b`W`i`X`Y`X`z`k`U`h`k`Y][`h`g`U`f`Y`U`d`d`]Y`X`z`Y`h`W`E`U`f`Y`X`Y`h`Y`f`a`]b`Y`X`
V`m`Y`U`W`]b`g`h]h`i`h`Y`U`h]h`g`c`k`b`X]g`W`Y`h]c`b`":`c`f`Z`f`h`h`Y`f`]b`Z`c`f`a`U`h]c`b`d`Y`U`g`Y`W`e`b`g`i`h`h`h`Y`G`h`i`X`m`U`b`X`9`I`U`a`
F`i`Y`g`c`Z`m`c`i`f`]b`g`h]h`i`h`Y`c`f`h`h`Y`9`X`i`W`h]c`b`5`X`a`]b]g`h`f`U`h]c`b`C`Z]W`"

7`i`a`i`U`h]j`Y`U`j`Y`f`U[`Y`U`W`a`i`U`h]j`Y`U`j`Y`f`U[`Y`W`W`U`h`Y`X`Z`f`c`a`f`Y`g`i`h`g`c`Z`h`h`Y`W`f`f`Y`b`h`U`b`X`d`f`Y`j`]c`i`g`
g`Y`a`Y`g`h`Y`f`5`g`c`]b`h`l]g`W`g`Y`z`h`h`Y`X`Y`h`Y`f`a`]b`U`h]c`b`c`Z`U`j`Y`f`U[`Y`W`W`U`h]c`b`f`i`Y`g`Z]U`g`k`]h`]b`h`h`Y`
W`e`a`d`Y`h`Y`b`W`c`Z`h`h`Y`V`][`Y`f`Y`X`i`W`h]c`b`]b`g`h]h`i`h]c`b`"

G`W`X`c`U`f`g`V`d`]b`X`Y`I`U`b`]b`X`Y`I`W`W`U`h`Y`X`V`m`h`h`Y`f`i`Y`g`X`Y`h`Y`f`a`]b`Y`X`V`m`h`h`Y`V`][`Y`f`Y`X`i`W`h]c`b`
]b`g`h]h`i`h]c`b`Z`c`f`X`Y`h`Y`f`a`]b]b[`]h`h`Y`g`i`a`c`Z`m`c`i`f`g`W`X`c`U`f`g`V`d`]f`U`b`h`Y`X`h`c`m`c`i`U`W`W`e`f`X]b[`]h`c`m`c`i`f`f`Y`g`i`h`g`
:`c`f`U`X`X]h]c`b`U`]b`Z`c`f`a`U`h]c`b`U`V`c`i`h`h`h`Y`Z`c`f`a`i`U`U`d`d`]Y`X`Z`c`f`W`W`U`h]b[`]h`h`Y`]b`X`Y`I`d`Y`U`g`Y`W`e`b`h`U`V`h`Y`h`h`Y`f`
h`h`Y`G`h`i`X`m`U`b`X`9`I`U`a`F`i`Y`g`c`Z`m`c`i`f`]b`g`h]h`i`h]c`b`c`f`h`h`Y`9`X`i`W`h]c`b`5`X`a`]b]g`h`f`U`h]c`b`C`Z]W`"

A Uf_Vcc_

H\]g'gWYYb'X]gd'Umg'h\Y'X][]hU'j Yfg]cb'cZ'mci f'ia Uf_Vcc_'VmigYa YghYf'UbX'h\Y'cZZ]WU'Ybhf]Yg'UXXYX
]b'h\Y'gYa YghYf'WcbWfbYX" '6migY'YVW]b['Ub'hYa 'Zfca 'h\Y''gh'cZ'GYa YghYfg'z'h\Y'XUHJ'Zcf'h\Y
dUfh]W'Uf'gYa YghYf'UddYUfg" '6mXYZUj 'h'z'h\Y'gmghYa 'cUXg'XUHJ'cb'h\Y'W'ffYbh'gYa YghYf"

6mW]W]b['h\Y' "Df]bhUV'Y'j Yfg]cb" 'Vi h'cbz'h\Y'XUHJ'X]gd'UmYX'cb'h\Y'gWYYb'WUb'VY'df]bhYX"

=b'h\Y' "Ugh'Wc'i a b'h]hYX'": i 'Z'YX' "h\Y'gmghYa 'X]gd'Umg'k \Yh\Yf'cf'bch'mci 'Uj Y'Z]b]g\YX'h\Y' []j Yb
gi V'YVW'iUVW'fX]b['hc'h\Y'XUHJ'fY[]ghYfYX]b'h\Y'BYdhi b'gmghYa " '=b'cfXYf'hc'U'ck 'YUgmifYWc[b]h]cb
cZgi V'YVW'g'z'Z]b]g\YX'gi V'YVW'g'k]''VY'\][\][\ h\YX'U'gc'VmU'X]ZZYfYbh'VUW_[fci bX'Wc'ci f"

7i ff]W`i a

H\]g'gWYYb'gYfj Yg'hc'X]gd'Umh\Y'W ff]W`i a g'VtbbYVWYX'hc'mci f'hfU]b]b['UbX'h\Y'fY'UhYX'gi V'YVWg"
6mW]W]b['h\Y'Df]bh]Vt'b'Uh'h\Y'hd'f]['h'c'Z']ghg'z'mci 'W]b'df]bh'Vch\h\Y'']gh'c'Z'W ff]W`i a g'UbX'c'Z
h\Y'fY'UhYX'gi V'YVWg"

%"@gh'Gi V'YVWg'c'Z'W ff]W`i a

=Z'mci 'k Ubh'hc'gY'Y'h\Y'gi V'YVWg'fY'UhYX'hc'U'dUfh]W`Uf'W ff]W`i a 'hYa d'UhY'z'gY'YVW'Ubmbi a VYf'c'Z
W ff]W`i a 'hYa d'UhY'g'Vmi g]b['h\Y'W'Y'W'Vcl Yg'hc'h\Y'f]['h'z'UbX'W]W' "@gh'gi V'YVWg""6mi g]b['h\Y'
W'Y'W'Vcl ']b'h\Y'\YUXYf'c'Z'h\Y'']gh'z'mci 'W]b'gY'YVW'cf'XYgY'YVW'U''']ghYX'W ff]W`i a 'hYa d'UhY'g'Uh
cbVW"

Gi V'YVWg'U'fYUXm]Z]b]g\YX'UfY'a Uf_YX']b'V'i Y']b'h\Y'']gh'c'Z'Gi V'YVW'']gh'c'Z'h\Y'W'cgYb'W ff]W`i a ""
5XX]h]cbU'm'z'h\Y''Ugh'h'k'c'Vt'i a bg'c'Z'h\Y'']gh'X]gd'Umh\Y'[fUXYg'fYVW'] YX'Zcf'h\Y'gY'gi V'YVWg'z'UbX
h\Y'bi a VYf'c'Z'h]a Yg'mci 'k YfY'fY[]ghYfYX'Zcf'h\Ya "

&"8]gd'Um'z'gYUfVW'UbX'gcf'h'cdh]cbg'Zcf'h\Y'gi V'YVW'']gh

5h'h\Y'hd'c'Z'h\Y'']gh'mci 'a UmigdYVW]Zm'h\Y'bi a VYf'c'Z'gi V'YVWg'h\Y'gmghYa 'g\ci 'X'X]gd'UmXUH]Zcf
dYf'dU[Y""=Z'h\Y'']gh']g'cb[Yf'h\Ub'cbY'dU[Y'z'mci 'a Um'a'cj Y'VY'hk'YYb'dU[Yg']b'Vch\X]fYVW]cbg'Vm
i g]b['h\Y'Uff'ck'g'Uh'h\Y'hd'c'Z'h\Y'']gh'cf'h\Y'Xfcd! Xck'b'a Ybi "

6mW]W]b['cb'h\Y'GYUfVW']Vt'b'z'U'gYUfVW']b'hYfZUW'UddYUfg'Uh'h\Y'hd'c'Z'h\Y'gi V'YVW'']gh"<YfY'mci
W]b'gY'YVW'k \]W'XUH]c'Z'h\Y'gi V'YVW'mci 'k]g\hc'gYUfVW'Z'ca'U'Xfcd! Xck'b'a Ybi ""H\Yb'gdYVW]Zm
h\Y'hYI'h'mci 'UfY'cc_]b['Zcf'UbX'W]W]'GYUfVW'""5g'U'fYgi 'h'z'h\Y'']gh'k']''cb'm'Vt'b]h]b]gi V'YVWg
gUh]gZ]h]b['h\Y'gdYVW]Z]YX'Vt'bX'h]cbg""GYUfVW'U'gc'k'cf_g'Zcf'dUfh]U'k'cfXg'z'UbX']g'W]gY!]bgYb]g]h]j'Y""=Z
mci 'k Ubh'hc'gY'Y'h\Y'k \c'Y'']gh'U[U]b'z'YUj'Y'h\Y''H\Y'h'hc'gYUfVW'Zcf""Z]Y'X'Ya d'hm'UbX'W]W]'""GYUfVW'""

6mW]W]b['Ubmi]Z]Y'X']b'h\Y'h]hY'VUf'c'Z'h\Y'']gh'z'mci 'a Umigcf'h'h\Y'Vt'b'hY'bhg'c'Z'h\Y'Ybh]fY'']gh
U'V'Vt'fX]b['hc'h\Y'Z]Y'X'gY'YVWYX""H\Y'Z]Y'X'U'V'Vt'fX]b['hc'k \]W'h\Y'gi V'YVWg'UfY'gcf'hYX']g'X]gd'UmYX']b
U'X]Z]YfYbh'Vt'ci f'h\Ub'h\Y'ch\Y'f'g'z'k \]Y'U'ga U''Uff'ck'byI'h'hc']h'g'ck'g'h\Y'gcf'h'cfXYf"

' ""Gi V'YVW'XUH

6mW]W]b['cb'UbmiXUH]c'Z'U'gi V'YVW'z'U'dcd! i d'k]bXck'k']''X]gd'Umh\Y'gi V'YVW'XUH""6mW]W]b['cb
h\Y'hUVg'mci 'a Um'W'Y'W'VUg]W'XUH]cb'h\Y'gi V'YVW'Vt'b'W'fbYX'fY""[""XYgW]dh]cb'z'fYgdcbg]V'Y
'YVW' fYf'z'gi V'YVW'cf[Ub]gUh]cbU'i b]h'z'Y'W'Vt'z'Vt'i fgYg'z'gm'UVi g'UbX'hYI'hV'cc_g'i gYX'Zcf'h\Y'Vt'i fgY'f]Z
i d'cUXYX']bhc'h\Y'gmghYa t'z'Ug'k'Y''Ug'h\Y'']gh'c'Z'gh'XYbhg'fY[]ghYfYX'Zcf'h\Y'gi V'YVW'Zcf'h\Y'W ffYbh
gYa YghYf"

(""7ci fgY'XUH

6mW]W]b['cb'UbmiVt'i fgY'XUH]b'h\Y''5j U]UV'Y'Vt'i fgYg''']gh'z'mci 'k']''VY'g'ck'b'XUH]dYf]h]b]b['hc
h\Y'dUfh]W'Uf'Vt'i fgY'c'Z'h\Y'gi V'YVW''7ci fgY']b'Z'ca'Uh]cb']g'X]gd'UmYX'cb'hUVg']b'h\Y'g'W'Y'Yb'h\Uh
dcdg! i d'z]g]a]Uf'hc'h\Y'k]bXck'cb'gi V'YVW'XUH""H\Y''Gh'XYbhg""hUV'cb'm'X]gd'Um'g'h\Y'']gh'c'Z
gh'XYbhg'fY[]ghYfYX'Zcf'h\Uh'Vt'i fgY""H\Y''H]a Y'hUV'Y""hUV'g'ck'g'h\Y'']gh'c'Z'Ygg'cbg'Zcf'h\Y'dUfh]W'Uf
Vt'i fgY/\ck'Yj Yf'z'U'Z'Yf'Vt'a d'Y'h]b['h\Y'fY[]gh'U]cb'Zcf'h\Y'gi V'YVW'UbX'Vt'i fgYg'z'U''Vt'i fgYg'mci
\Uj'Y'g][bYX! i d'Zcf'W]b'VY'j]Yk'YX']b'cbY'd'U'W'z'i bXYf''H]a Y'hUV'Y'']b'h\Y''Gh'X]Yg'a Ybi "

A]`Yghc bYg

H\]g'gWYYb'gYfj Yg'Zcf'j]Yk]b['h\Y'']gh'cZ'mci f'gc! W\''YX'ghi Xma]'YghcbYg" H\YgY'UfY'W'a d'YI
W'ebX]h]cbg'h\Y']bgh]hi h]cb'gYhg]hg'ghi XYbhg'VUgYX'cb']hg'ck b'Ghi XmiUbX'9I Ua 'Fi 'Yg" =bgh]hi h]cbg
\Uj Y'a Ubmidcgg]V']h]Yg'hc'gYh'a]'YghcbY'W'hYf]U/']b' UXX]h]cb'hc'h\]g']bhYfZUW'z'z fh\Yf']bZcfa Uh]cb
UVci h'h\Y'fi 'Yg'W'ebW'fb]b['mci 'W'bd'f]a Uf]miVY'Zci bX']b'h\Y'Ghi XmiUbX'9I Ua 'Fi 'Yg'UbX'Vm
W'ebgi 'h]b['h\Y'9Xi W'h]cb'5Xa]b]ghfUh]cb"

H\Y'']gh'W'ebhU]bg'VUg]WXUHJ'Zcf'YUW' 'a]'YghcbY'UbX'k \Yh\Yf'cf'bc'h'mci '\Uj Y'U'fYUXma Yh'h\Y
W'hYf]U'gdYVZ]YX'Vm'h\Y'dUfh]W' 'Uf'a]'YghcbY"

Gi V ^Y Whg

7i ffYbh'gi V^YWhg

=b'h\]g'gWYYb'mci 'WUbj]Yk 'mci f'fY[]ghYfYX'gi V^YWhg'Zcf'h\Y'W ffYbh'giYa YghYf"

5HH9BH=C B ° 'H\]g']gh]g'bch'bYW'ggUf]mX]gd'Umgi mci f'W ffYbh'm'fY[]ghYfYX'gi V^YWhg'z'Ug[YbYfU'm fY[]ghfUh]cb']g'dfcWYXYX' bch'Zcf'h\Y'W ffYbh'Vi h'h\Y'bYI h'gYa YghYf" Mci 'WUbg'YY'mci f'fY[]ghYfYX' gi V^YWhg'i bXYf'f'fY[]ghYfYX'gi V^YWhg'i]b'h\Y'f'Gi V^YWhg'i 'a Ybi z'UbX'\YfY'mci 'UfY'U'gc'U'ck YX'hc XYfY[]ghYf'gi V^YWhg"

%"J]Yk 'fYgi 'hg

K \Yb'mci 'W]W'cb'h\Y'f'fYgi 'h']Z'Y'X']b'h\Y'f'ck'icZ'gi V^YWhg'z']b'U'dcd! i d'k]bXck 'h\Y'gmghYa X]gd'Umgi'h\Y']gh'icZ'mci f'fYgi 'hg'icVhU]bYX'Z'fca 'U'dUfh]W'Uf'gi V^YWhg'z'Ug'gUj YX'Vm'h\Y'gmghYa "

&"Gi V^YWh'XYhU]'g

=Z'mci 'W]W'Ubm'ch\Yf'gi V^YWh'XUH'z']b'U'dcd! i d'k]bXck 'h\Y'gi V^YWh'XYhU]'g'UddYUf" K \Yb'mci 'W]W' h\Y' hUV'g'z'mci 'WUbj]Yk 'h\Y'VUg]WXUH'icZ'gi V^YWh'Veb'W'fbYX'fY" ["XYgW'dh]cb'z'fYgdcbg]V'Y'VWh' fYf'z' gi V^YWh'cf[Ub]nUh]cb'U' i b]h'z'YH'W'z'V'ei fgYg'z'gm'UVi g'UbX'h\Y' hVcc_g'hc'h\Y'V'ei fgY'f]Z'h\Y'gY'\Uj Y VYYb' i d'cUXYX']b'h\Y'gmghYa 'z'Ug'k Y'Ug'h\Y']gh'icZ'gh' XYbhg'k \c'\Uj Y'fY[]ghYfYX'hc'h\Y'gi V^YWh' Zcf'h\Uh'giYa YghYf"

' "7\Ub[Y'V'ei fgYz'XYfY[]ghYf'gi V^YWh'f'cb'mXi f]b['fY[]ghfUh]cb'dYf]cX'z

Cb'h\Y' "5j U]UV'Y'V'ei fgYg' hUV' i bXYf'gi V^YWh'XYhU]'g'z'a Uf_ 'h\Y'W'Y'W'Vcl']b'h\Y'Ugh'V'ei a b'cZ'h\Y']gh'Zcf'h\Y'fY[]ghYfYX'V'ei fgYf'g'UbX' i bgY'VWh'h\Y'W'Y'W'Vcl' icZ'XYfY[]ghYfYX'V'ei fgYf'g'z'h\Y'b'W]W' "GUj Y'hc' [Yh'h\Y'gmghYa 'fY[]ghYf'mci 'hc'h\Y'f'YeI]fYX'V'ei fgYf'g'z']Z'dcgg]V'Y' h\Y'gmghYa 'bch]Z'Yg mci 'cZ'h\Y'dYfZ'fca YX'fY[]ghfUh]cb'cf'gYbX'Ub'Yffcf'XYgW'dh]cb'a YggU[Y' "Mci 'a UmXYfY[]ghYf'U gi V^YWh'VmW]W]b['h\Y' "8YfY[]ghYf'gi V^YWh' 'Vi h'cb' "h\Y'gmghYa 'gYbXg'U'V'eb'Z]fa Uh]cb'cf'U'dcgg]V'Y Yffcf'a YggU[Y"

("7ci fgY'XYhU]'g

6mW]W]b['Ubm'V'ei fgY'XUH']b'h\Y']gh'icZ' "5j U]UV'Y'V'ei fgYg'z'h\Y' "7ci fgY'XYhU]'g'g'WYYb'k]'VY X]gd'UmYX' "7ci fgY']bZ'fca Uh]cb']g'X]gd'UmYX'cb' hUV'g'z'g]a]Uf'hc'h\Y'k]bXck 'cb'gi V^YWh'XUH' "h\Y' "Gh' XYbhg' hUV'cb'mX]gd'Umgi'h\Y']gh'icZ'gh' XYbhg'fY[]ghYfYX'Zcf'h\Uh'V'ei fgY' "h\Y' "H]a YHUV'Y' "HUV g\ck g'h\Y']gh'icZ'Yggcbg'Zcf'h\Y'dUfh]W'Uf'V'ei fgY'/'\ck Yj Yf'z'Uz'h'f'V'ea d'Yh]b['h\Y'fY[]ghfUh]cb'Zcf h\Y'gi V^YWh'UbX'V'ei fgYg'z'U'mci f'fY[]ghYfYX'V'ei fgYg'WU'V'Y']Yk YX']b'cbY'd'UW'z' i bXYf' "H]a YHUV'Y']b'h\Y' "Gh' X]Yg' 'a Ybi "

7i ffYbh'WŁi fgYg

=b'h\]g'gWYYb'mci 'WŁb'j]Yk 'mci f'fY[]ghYfYX'WŁi fgYg'Zcf'h\Y'W ffYbh'gYa YghYf"

5HH9BH=C B ° 'H\]g''gh'a][\h'bc'h'g\ck 'mci f'W ffYbh'm'fY[]ghYfYX'WŁi fgYg'g]bVW'i gi U'm'fY[]ghfU]cb:]g WŁff]YX'ci h'Zcf'h\Y'bYI h'gYa YghYf'UbX'bc'h'h\Y'W ffYbh'cbY"'Mci 'WŁb'Z]bX'h\Y'fY[]ghYfYX'gi V'YVWg UbX'WŁi fgYg'j]b'h\Y'ÍGi V'YVWg] 'a Ybi 'i bXYf'ÍF Y[]ghYfYX'gi V'YVWg]ž'UbX'\YfY'mci 'WŁb'U'gc'XYfY[]ghYf gi V'YVWg'cf'WŁUb[Y'WŁi fgYg"

=Zmci 'W]W'hc'Ubm'WŁi fgY'XUH]j]b'h\Y'']ghž'h\Y'XYHU]g'cZ'h\Y'gY'YVWYX'WŁi fgY'UddYUf'j]b'U'dcd!i d k]bXck "

("'7ci fgY'XYHU]g

H\Y'WŁi fgY'XYHU]g'k]bXck 'WŁbHU]bg'h\Y'XUH'X]j]YX']bhc'gYj YfU' 'HUVgž'g]a]Uf'm'hc'h\Y'gi V'YVW XYHU]g'k]bXck "'H\Y'ÍGh' XYbhg] 'HUV'g\ck g'cb'm'h\Y'']gh'cZ'h\cgY'gh' XYbhg'k \c'\Uj Y'fY[]ghYfYX'hc h\]g'WŁi fgY"'H\Y'ÍH]a YHUV'YÍ' HUV'g\ck g'h\Y'']gh'cZ'Yggcbg'cZ'h\Y'dUfh]W'Uf'WŁi fgYž'\ck Yj Yfž'Z \Uj]b['WŁa d'YhYX'fY[]ghfU]cb'hc'gi V'YVW'UbX'WŁi fgYgž'U''WŁi fgYg'g] bYX'i d'WŁb'VY'j]Yk YX'j]b'h\Y gi Va Ybi 'ÍH]a YHUV'YÍ'cZ'h\Y'ÍGh'X]Yg] 'a Ybi "

Gi V^YVh^fY []ghfUh]cb

=b^Vch^dfY]a]bUfm^UbX^Z]bU^gi V^YVh^fY []ghfUh]cb^dYf]cXg^Zfca^h^]g gV^YYb^mci^WUb^fY []ghYf^Zcf
gi V^YVh^g^UbX^g^YVh^dYfH]b]b [^Vei^fgYg^Zcf^h^Y^bYi^h^gYa^YghYf"

% "G\ck^gi V^YVh^]gh

5Zhf^g^YVh]b [^cZ^h^Y^V^ffYgdcB]b [^gYa^YghYf^UbX^W^ff]W^i^a^h^Ya^d^UH^Z^i^bXYf^fGi^V^YVh^hmdY
g^Y^Vh^h^Y^i^Gi^V^YVh^]gh^cZ^h^Y^V^cgYb^W^ff]W^i^a^i^cdh]cb^hc^X]gd^Um^mci^f^cV^][^Uhc^fm^UbX^Y^YVh]j^Y
gi^V^YVh^g^"^H^Y^cdh]cb^"^C^h^Yf^cdh]cbU^gi^V^YVh^g^]g^Uj^U]UV^Y^Z^h^Y^]bgh]hi^h]cb^a^UbU^Yg^h^Y^cdh]cbU
gi^V^YVh^g^YdUfUH^X^cZ^W^ff]W^i^a^g^"=Z^mci^WUb^fhi^Z]bX^Ubmgi^V^YVh^]b^h^]g^]ghz^]h^a^YUbg^h^Uh^h^Y
]bgh]hi^h]cb^Ug^]bhY^fUH^X^U^gc^cdh]cbU^gi^V^YVh^g^]bhc^h^Y^W^ff]W^i^a^g^Z^gc^Uh^h^]g^ei^Ygh]cb^mci^Uj^Y
hc^g^Y^Vh^h^Y^cdh]cb^cZ^Gi^V^YVh^]gh^cZ^h^Y^V^cgYb^W^ff]W^i^a^"]b^Ubm^k^Um^f

6mig^Y^Vh]b [^fG\ck^cb^m^h^cgY^gi^V^YVh^g^h^Uh^k^]V^Y^U^i^b^W^X^I^mci^WUb^Ybgi^fY^hc^Uj^Y^cb^m^h^cgY
gi^V^YVh^g^X]gd^Um^X^]b^h^Y^gi^V^YVh^]gh^k^]V^X^k^]V^Y^U^i^b^W^X^]b^h^Y^g^Y^Vh^X^gYa^YghYf":^cf^h^]g
fYUgcbz^h^]g^]g [^YbYfU^m^fYV^a^a^YbXYX^hc^V^Y^Y^Z^h^a^Uf_YX"

6mW]W]b [^p@gh^gi^V^YVh^g^Z^h^Y^gi^V^YVh^]gh^X]gd^Um^X^k^]V^Y^Z^h^Y^fYX^Vm^h^Y^g^Y^Vh^X^fYe^i^fYa^Ybhg"

&" :]hYf]b [^Z^gYUfW]b [^UbX^gc^fh]b [^h^Y^gi^V^YVh^]gh

Cb^h^Y^hcd^cZ^h^Y^]gh^mci^WUb^gYh^h^Y^bi^a^VYf^cZ^gi^V^YVh^g^k^]V^X^UH^mci^k^Ubh^hc^VY^X]gd^Um^X^]b
cbY^dU^Y^G\ci^X^h^Y^]gh^VY^Yi^h^YbXYX^hc^a^cfY^h^Ub^cbY^dU^Y^Z^mci^a^Um^hi^fb^dU^Yg^Vmi^g]b [^hk^c!
X]fYVh]cbU^Uffck^g^cf^Vm^h^Y^X^fcd!^Xck^b^a^Ybi^"^Mci^WUb^df]bh^h^Y^dU^Y^Vm^W]W]b [^h^Y^df]bh]V^b"

6mW]W]b [^gYUfW]V^bZ^U^Vfck^gYf^k^]V^UddYUf^cb^h^Y^hcd^cZ^h^Y^gi^V^YVh^]gh^<^YfYz^Zfca^X^fcd!^Xck^b
a^Ybi^Z^mci^WUb^g^Y^Vh^k^]V^X^gi^V^YVh^XUH^mci^k^Ubh^hc^gYUfW^Z^h^Y^b^YbhYf^h^Y^hYi^h^hc^VY^gYUfW^YXZ
UbX^W]W]G^YUfW^"5Zhf^h^]gZ^h^Y^]gh^k^]V^V^bhU]b^cb^m^h^Y^gi^V^YVh^g^V^ffYgdcB]b [^hc^h^Y^gYUfW
V]hYf]U^G^YUfW^WUb^VY^W]ff]YX^ci^h^U^gc^Zcf^k^cfX^ZfU^a^Ybhgz^UbX^bch^a^U_]b [^X]ZZYfYbW^VYh^k^Yb
i^ddYf^UbX^ck^Yf^W]gYg^"=Z^mci^k^Ubh^hc^gY^h^Y^k^c^Y^]gh^U [^U]bZ^W]W]G^YUfW^"UbX^YUj^Y^Ya^d^m^h^Y
Z]Y^X^cZ^"HYi^h^hc^gYUfW^Zcf"

6mW]W]b [^Ubm^Z]Y^X^]b^h^Y^h]h^Y^VUf^cZ^h^Y^]ghz^mci^a^Umigcfh^h^Y^V^bhYbhg^cZ^h^Y^Ybh]fY^]gh
U^V^fX]b [^hc^h^Y^Z]Y^X^g^Y^Vh^X^"^H^Y^Z]Y^X^U^V^fX]b [^hc^k^]V^X^h^Y^Yi^Ua^g^UfY^gc^fh^X^]g^X]gd^Um^X^]b^U
X]ZZYfYbh^V^ci^f^h^Ub^h^Y^ch^Yf^gZ^k^]Y^U^ga^U^Uffck^bYi^h^hc^]h^g\ck^g^h^Y^gc^fh^cfXYf"

=Z^h^Y^fYe^i^fYX^gi^V^YVh^Zci^bXz^W]W]UbmcZ]hg^XUHJz^UbX^]b^U^dcd!^i^d^k^]bXck^h^Y^XYhU]g^cZ^h^Y
g^Y^Vh^X^gi^V^YVh^k^]V^Y^X]gd^Um^X^"

' "Gi V^YVh^XYhU]g

' "%5j U]UV^Y^Vei^fgYg^hUV

<^Yf^mci^WUb^g^Y^h^Y^Vei^fgYg^U^i^b^W^X^Zcf^h^Y^g^Y^Vh^X^gi^V^YVh^]b^h^Y^W^ffYbh^gYa^YghYfz^Ug^k^Y^
Ug^mci^WUb^fY []ghYf^h^Y^gi^V^YVh^UbX^]hg^fY^UH^X^Vei^fgYf]g^"GY^YVh]b [^h^Y^W^Y^V^c]b^h^Y^f] [^h
g]XY^cZ^h^Y^Vei^fgY^]ghz^mci^WUb^g^Y^Vh^h^Y^Vei^fgYf]g^"mci^k^Ubh^hc^fY []ghYfz^h^Y^b^W]W]G^Uj^Y^hc
V^a^d^Yh^h^Y^g^Y^Vh]cb^cZ^gi^V^YVh^g^UbX^Vei^fgYf]g^"mci^UfY^fYe^i^fYX^hc^g^Y^Vh^a^cfY^h^Ub^cbY^Vei^fgY
hc^U^gi^V^YVh^]Z^h^Y^fY^UfY^a^cfY^hmdYg^cZ^Vei^fgYg^fY [^"h^Y^cfYh]W]UbX^dfUW]W]cbYgk^U^i^b^W^X^"=b
gi^W^W]gYg^mci^Uj^Y^hc^g^Y^Vh^cbY^cZ^YUW^Vei^fgY^hmdY^"5b^Yi^W^dh]cb^hc^h^]g^]g^h^Y^Yi^Ua^Vei^fgYz
k^]V^X^Ug^hc^VY^fY []ghYfYX^]bX]j^]Xi^U^m]b^YUW^W]gYz^]Y^"mci^UfY^bch^U^ck^YX^hc^fY []ghYf^Ub^Yi^Ua
Vei^fgY^UbX^U^Vei^fgY^cZ^ch^Yf^hmdY^hc^U^dUfh]W^Uf^gi^V^YVh^]g]a^i^h^UbYci^g^m^f

H^Y^h]ja^YhUV^Y^]bZc^"Vei^a^b^]bX]W]hYg^k^Yb^fUbX^k^YfY^h^Y^Vei^fgY^k^]V^Y^Y^Xz^h^Y^k^YY_XUm^g
UfY^a^Uf_YX^Vm^h^Y^f^]b]h]U^g"

=b^h^Y^Vei^a^b^fY [#@ja]h^mci^WUb^W^Y^V^ck^a^Ubmigh^XYbhg^Uj^Y^fY []ghYfYX^hc^h^Y^Vei^fgY^Ug^k^Y^
Ug^h^Y^bi^a^VYf^cZ^dUfh]W]dUbhg^U^ck^YX"

=Z^mci^Uj^Y^g^Y^Vh^X^h^Y^fYe^i^fYX^Vei^fgYf]gZ^W]W]G^Uj^Y^cb^h^Y^Vch^ca^cZ^h^Y^k^]bXck^"=b^YUW
W]gY^mci^k^]V^Y^bch]Z]Y^k^Yh^Yf^mci^Uj^Y^fY []ghYfYX^gi^W]ggZ^mci^h^Y^gi^V^YVh^UbX^Vei^fgYf]gZ
cf^]Z^Yffcf^c^W]gZ^mci^k^]V^Y^W]j^Y^U^a^YggU^Y^k^]h^h^Y^Yi^d^UbUh]cb^cZ^h^Y^Yffcf"

Mci^f^fY []ghfUh]cb^hc^U^Vei^fgY^k^]V^Y^gi^W]ggZ^cb^m]Z

!^mci^a^Y^Y^h^h^Y^fYe^i^fYa^Ybhg^k^]V^X^UfY^b^Y^W^ggUfm^hc^h^Y^gi^V^YVh^UbX^Vei^fgY^fY []ghfUh]cb^f^hc^ [^Yh
Z^f^h^Y^f^]bZ^ca^Uh]cb^d^YUg^Y^Vei^bgi^h^h^Y^G^h^X^m^UbX^9i^Ua^F^i^Yg^cZ^mci^f^]bgh]hi^h^cf^h^Y^9Xi^W]h]cb

5Xa]b]ghfUhc]cb`CZ]Wž`cf`h\Y`CdYfUhj] Y`7i`ff]W`i`a`Ł
!`ZFY`d`UW]g`YI`]gh]b`U`g`Y`YVW]X`hmdYg`cZ`Vč`i`fgYg`f]b`h\Y`fY[`#]a`]h`Vč`i`a`bž`fY[`]g`Ygg`h\Ub`h\Y`
]a`]hŁ
!`mci`\\Uj`Y`g`Y`YVW]X`cbY`cZ`YUW]`Vč`i`fgY`hmdY`fY"[`" `h`Ycfmž`dfUW]W]VŁ
!`Vch`h\Y`dfY]a`]bUfmc`f`Z]bU`gi`V`YVW]fY[`]ghfUhc]b`UbX`Vč`i`fgY`g`Y`YVW]cb`dYf]cXg`UfY`cdYb
!`mci`\\Uj`Y`bchZ]b]g\YX`h\Y`gi`V`YVW]mYh

=Zmci`b`YX`Z`f`h\Y`f]bZcfa`Uh]cb`UVci`h`Vč`i`fgYgž`W]W]`hc`UbmiXUHJ`cZ`h\Y`dUfh]W`Uf`Vč`i`fgY`]b`h\Y`]ghž`
UbX`]hg`Vč`ffYgdc]bX]b[`XUHJ`UddYUf]b`U`bYk`dcd!`i`d`k`]bXck`" `H\Y`]bZcfa`Uh]cb`UVci`h`h\]g`k`]bXck`
W]b`VY`gYyb`Uh]dc]bh(`cZ`h\]g`XcW`a`Ybh`

5HH9BH=C B` `=Zmci`\\Uj`Y`fY[`]ghYfYX`U`gi`V`YVW]UbX`mci`k`Ubh`hc`XYfY[`]ghYf`]h`Zcf`Y]h\Y`f`fYUgcbž`mci`
W]b`Xc`h\]g`Vm]W]W]b[`P8YfY[`]ghYf`gi`V`YVW]`]b`h\Y`P5j`U]`UV`Y`Vč`i`fgYg`" `hUV`

"`&""`6Ug]WXUHJ`hUV`

<YfY`mci`W]b]j`]Yk`h\Y`VUg]WXUHJ`cZ`h\Y`g`Y`YVW]X`gi`V`YVW]ž`gnčE`W`Ug`h\Y`fYei`]fYa`Ybhg`UbX`h\Y`
XYg]V]d]h]cb`cZ`h\Y`gi`V`YVW]ž`h\Y`fYgdc]bg]V`Y`YVW]`fYf`g`bUa`Yž`UbX`h\Y`cf[`Ub]g]Uhc]bU`i`b]h`cZ`h\Y`
gi`V`YVW]`

"`" `Gm`UVi`g`UbX`HYI`hVcc`_g`hUVg`

<YfY`mci`W]b]j`]Yk`h\Y`gm`UVi`g`UbX`h\Y`HYI`hVcc`_g`Zcf`h\Y`g`Y`YVW]X`gi`V`YVW]ž`Z`h\Y`mi`Uj`Y`VYYb`
i`d`c`UXYX`]b`h\Y`gmghYa`"

"`(" `Ghi`XYbhg`hUV`

<YfY`mci`W]b]j`]Yk`h\Y`]gh`cZ`ghi`XYbhg`fY[`]ghYfYX`hc`U`dUfh]W`Uf`gi`V`YVW]`":`cf`h\Y`XYHJ]g`cZ`k`ca`
fY[`]ghYfYX`hc`YUW]`]bX]j`]Xi`U`Vč`i`fgY`d`YUgY[`c`hc`h\Y`Vč`i`fgY`XYHJ]g`

("`7ci`fgY`XYHJ]`g`

H\Y`Vč`i`fgY`XYHJ]g`k`]bXck`Vč`bhJ]bg`h\Y`XUHJ`X]j`]YX`]bhc`gYj`YfU`hUVgž`g]a`]Uf`mhc`h\Y`gi`V`YVW]`
XYHJ]g`k`]bXck`" `H\Y`Í`Ghi`XYbhg]`hUV`g\ck`g`YI`W]g]j`Y`mi`h\Y`]gh`cZ`h\cgY`ghi`XYbhg`k`c`\\Uj`Y`
fY[`]ghYfYX`hc`h\]g`dUfh]W`Uf`Vč`i`fgY`" `H\Y`Í`H]a`YHUV`YÍ`hUV`g\ck`g`h\Y`]gh`cZ`Yggcbg`cZ`h\Uh`Vč`i`fgYž`
Vi`h`Už`Yf`mci`\\Uj`Y`Vč`a`d`YhYX`h\Y`gi`V`YVW]UbX`Vč`i`fgY`fY[`]ghfUhc]bž`mci`W]b]j`]Yk`U`fY[`]ghYfYX`
Vč`i`fgYg`]b`h\Y`Í`H]a`YHUV`YÍ`gi`Va`Ybi`cZ`h\Y`Í`Ghi`X]Yg]`a`Ybi`"

=Zmci`k`Ubh`hc`fYh`fb`hc`" `Gi`V`YVW]XYHJ]g`ž`W]W]`U`h`cd`f][`h`g]XY`cZ`h\Y`dcd!`i`d`k`]bXck`"

F Y []ghYfYX'gi V^YWhg

=b'h]g'gWYYb'mci 'WUb'WX'YU' mci f'fY[]ghYfYX'gi V^YWhg'UbX'UfY'U'ck YX'hc'WX'Ub[Y'Wci fgYg'cf XYfY[]ghYf'gi V^YWhg"

%"8YfY[]ghYf'gi V^YWh

=Z'mci 'W]W'hc'h'Y''b'_cZ[8YfY[]ghYf'gi V^YWh']b'h'Y'fck'cZ'Ubm'gi V^YWh' h'Y'gmghYa' d'fca' dhg'mci k\Y'h'Yf'mci' fYU'm'k'Ub'h'hc'XYfY[]ghYf'Z'fca' h'Y'[]j' Yb'gi V^YWh']Z'mci f'Ub'gk'Yf']g'm'g'z'h'Y'gi V^YWh' k]'VY'XYfY[]ghYfYX'UbX'fYa' c'j' YX'Z'fca' h'Y''gh'cZ'fY[]ghYfYX'gi V^YWhg" Hc'UVWV'gg'h'Y'gUa' Y'ZYU'h' fY' Ub'ch'Yf'k'Um'z'Y'Z'h'W]W'hc'Ubm'gi V^YWh'XYhU]'z'UbX'h'Y'b'W]W'hc'f'8YfY[]ghYf'gi V^YWh']cb'h'Y' f'5j'U]'UV'Y'Wci' fgYg]'hUV]'b'h'Y'f'Gi' V^YWh'XYhU]'g]'dcd!'i'd'k']bXck "

6m'gi V^YWh'XYfY[]ghfUh]cb'mci f'Wci' fgY'fY[]ghfUh]cbg'U'g'c'k]'VY'fYa' c'j' YX'z'UbX'mci' k]'fYVW']Y'U' bch]Z]VWh]cb'cZ'h]g"

5HH9BH=C B'' 7ci fgY'XYfY[]ghfUh]cb']g'U'ck YX'cb'm]b'h'Y'dfY']a']bUf'm'cf'Z]bU'gi V^YWh'fY[]ghfUh]cb'cf Wci' fgY'fY[]ghfUh]cb'dYf]cX"

&"7ci fgY'WX'Ub[Y

=Z'mci' k'Ub'h'hc'WX'Ub[Y'fY[]ghYfYX'Wci' fgYfg'f'fY'UhYX'hc'U'fY[]ghYfYX'gi V^YWh'W]W'hc'Ubm'gi V^YWh' XYhU]'z'UbX'h'Y'f'Gi' V^YWh'XYhU]'g]'dcd!'i'd'k']bXck' k]'UddYUf' <YfY'z'cb'h'Y'f'5j'U]'UV'Y'Wci' fgYg]'hUV'z'_bck'b'Z'fca']gi V^YWh'fY[]ghfUh]cb'gYWh]cb'z']b'h'Y'Ugh'Wci' a' b'cZ']gh'g'Y'Wh'h'Y'Wci' fgYfg'k'hc'VY' fY[]ghYfYX'UbX'i' bgY'Y'Wh'h'Y'Wci' fgYfg'k'hc'VY'XYfY[]ghYfYX'z'UbX'W]W'hc'f'GUj'Y'f' /h'Y'gmghYa' fY[]ghYfg'mci' hc'h'Y'f'Ye']fYX'Wci' fgYfg'k'z']Z'dcgg]V'Y' h'Y'gmghYa']bch]Z]Yg'mci' cZ'h'Y'dYfZ'fca' YX' fY[]ghfUh]cb'cf'gYbX'Ub'Y'f'f'cf'XYgV]d]h]cb'a' YggU[Y"

' "7ci fgY'XYhU]'g

=b'h'Y'f'Gi' V^YWh'XYhU]'g]'k']bXck' z'k' \Y'b'W]W']b['hc'Ubm'Wci' fgY'XYhU]'g']b'h'Y''gh'cZ'f'5j'U]'UV'Y' Wci' fgYg]'hUV'z'h'Y'Wci' fgY'XUHU]'k]'VY'X]gd'Um'YX'gYdUf'hYX'hc'hUV'g'z'g]a']Uf'm'hc'h'Uh]b'h'Y'f'Gi' V^YWh' XYhU]'g]'k']bXck' "h'Y'f'G'h' XYb'hg]'hUV'g'ck'g'h'Y''gh'cZ'Y'W'g]]Y'm'h'cgY'g'h' XYb'hg'k' \c' \Uj' Y' fY[]ghYfYX'hc'h]g'Wci' fgY''h'Y'f'H]a' Y'hUV'Y'f' hUV'g'ck'g'h'Y''gh'cZ'Y'gg'cbg'cZ'h'Uh'dUf'h]W'Uf'Wci' fgY'z' Vi' h'U'Z'h'f'mci' \Uj'Y'Wci' d'Y'h'YX'h'Y'gi V^YWh'UbX'Wci' fgY'fY[]ghfUh]cb'z'mci' WUb']Yk'U'f'fY[]ghYfYX' Wci' fgYg']b'h'Y'f'H]a' Y'hUV'Y'f'gi Va' Ybi' cZ'h'Y'f'G'h' X]Yg]'a' Ybi "

("8YWUfUh]cb'UV'ci h'fY[]ghYfYX'gi V^YWhg

K\Y'b'mci' W]W'h]g'Vi' h'cb'z'U'df]b'hUV'Y'XYWUfUh]cb'k]'VY'W'YU'hYX']b'h'Y'V'fck'gYf'z'Wci'bHU]b]b['h'Y' fY[]ghYfYX'gi V^YWhg'XYhU]'g"

A]X! hYfa 'hUg_g

H\]g'gWYYb'X]gd'Umg'gc! W'YX'a]X! hYfa 'hUg_gž'k \]W'UfY'hUg_g'hc'VY'W'a d'YhYX'Xi f]b['h\Y'hYfa
UbX'h\Uh'UfY'gdYV]Z]YX'Vm'YVWi fYfg']b'W'bbYVW]cb'hc'h\Y]f'gi V'YVWg'cf'W'i fgYg" H\]g']gh'X]gd'Umg'U'
a]X! hYfa 'hUg_g'fY'UhYX'hc'gi V'YVWg'mci 'UfY'fY[]gh'fYX'Zcf']b'h\Y'W'ffYbh'gYa YghYf"

H\Y'hmdY'cZ'hUg_g'h\Y'XYUX']bY'Zcf'gi Va]gg]cbž'h\Y'Yj U'i Uh]cb'a Yh\cX'i gYXž'gi dd'Ya Ybhg'Uj U]UV'Y
UbX'\ck'h\Y'fYgi 'hg'UfY'hU_g'b']bhc'UW'W'i bh'U'VY'cb['hc'h\Y'Ui h\cf]hmcZ'h\Y'YVWi fYf'UbX'h\Y
]bgh]hi h]cb"

6mW]W_]b['U'hUg_g']b'h\Y']ghž'XYhU]YX'XUH'Zcf'h\Y'dUfh]W'Uf'hUg_g']g'X]gd'UmYXž'Zcf']bghUbw'W'h\Y
fYgi 'h'fYW]j YX'Zcf'h\Y'gY'YVWYX'hUg_g"

DfcdcgYX [fUXYg

=b'h]g'gWYYb'mci 'WUbj]Yk 'mci f'dfcdcgYX [fUXYgž'k \]W\ 'YfY'mci 'WU'UWVdh'cf'fY'YVW' '=Z U
'YVW' fYf'cZU'gi V'YVW'cZ'mci fg'dfcdcgY 'U' [fUXY'hc'mci 'UbX'mci 'UWVdh]hž]h'a YUbg'hUh'hUh
dfcdcgYX [fUXY'k]''VY'mci f'Z]bU' [fUXY'Zfca 'h'Y'gi V'YVW'WčbW'fbYXž'mci 'Xcbfih'Uj Y'hc'hU_Y'YI Ua
cZ'hUh'gi V'YVWž'UbX'cbW'h'Y'dfcdcgYX [fUXY'UWVdhYXž'h']g'cdh]cb'k]''VY'Yj Yb'dfc\]V]hYX'Zcf'mci
Vm'h'Y'gmgh'Ya "'=Z'mci 'UfY'bch'gUh]gZ]YX'k]h' h'Y'dfcdcgYX [fUXYž'mci 'a Um'gY'YVW'h'Y'cdh]cb'hc
fY'YVW'h]h']b'hUh'WUgY'mci '\Uj Y'hc'fY []ghYf'hc'h'Y'YI Ua 'Zfca 'h'Uh'gi V'YVW'

5 HH9B H=C B ° 'mci 'UfY'bch'U'ck YX'hc'fY []ghYf'hc'h'Y'YI Ua 'Zfca 'h'Uh'dUh]W'Uf'gi V'YVW'VYZcfY'mci
fY []ghYf'mci f'XYV]g]cb'cZ'h'Y'dfcdcgYX [fUXY'Gcž]Z'mci 'XYV]XY'bch'hc'UWVdh'h'Y'dfcdcgYX [fUXYž
Z]fgh'mci 'g\ci 'X'fY []ghYf']h]b'h'Y'gmgh'Ya ž'UbX'cb'm'UžYf'h'Uh'mci 'WU'fY []ghYf'hc'YI Ua "

=Z'mci 'UWVdh'h'Y'dfcdcgYX'a Uf_ž'cb'h'Y'f] [\h'ig]XY'cZ']ghž']b'h'Y'Xfed! Xck b'a Ybi 'cZ'h'Y' "5WVdh
a Uf_ 'Wč'i a b'gY'YVW' "5WVdh'ž']Z'bchž'gY'YVW' "fY'YVW' "Hc'gUj Y'mci f'XYV]g]cbž'W]W_ "GUj Y'"

5 HH9B H=C B ° 'CbW'mci f'cdYfUh]cb'gUj YXž]h'WUbbch'VY'WU'W'YXž'h'Uh]gž']h']g'bch'dcgg]V'Y'hc
a cX]Zm'mci 'Wc]W'Ubma cfY'' 5žYf'mci 'UWVdhYX'h'Y'dfcdcgYX'a Uf_ž'mci 'UfY'bch'U'ck YX'hc
fY []ghYf'hc'Ub'YI Ua 'Zfca 'h'Y'gi V'YVW'WčbW'fbYX'': cf'h']g'fYUgcb']h']g'ghfcb ['mfYVč'a a YbYX'h'Uh
mci 'Wčbg]XYf'mci f'XYV]g]cb'

91 Ua g

9I Ua 'fY[]ghfUh]cb

=b'h]g'gWYYb'mci 'Wb'fY[]ghf'hc'h'Y'YI Ua g" =b'h'Y'YI Ua ']'gh'mci f'YI Ua 'fY[]ghfUh]cbg'UfY'a Uf_YX
]b'V'i Y" '9I Ua 'XYfY[]ghfUh]cbg'Wb'VY'dYfZcfa YX']b'h'Y'Y'fY[]ghfUhYX'YI Ua g" 'a Ybi "

5HH9BH=C B " 'D'YUgY' [Yh]bZcfa Uh]cb'cZ'h'Y'fi 'Y'gmghYa 'Udd']YX'UWw'fX]b['hc'h'Y'Ghi XmiUbX'9I Ua
Fi 'Yg'Xi f]b['h'Y'YI Ua 'dYf]cX'cZ'mci f'fU]b]b[. 'k \Uh]g'h'Y'XYUX']bY'i bh]'k \]W' 'mci 'Wb'XYfY[]ghfUhY
Zcfa 'Ub'YI Ua 'k]h'ci h'W'bgYeI YbW'g'z'k \Yb'Xc'mci '\Uj Y'hc'dUm'U'fYdYUhYX'YI Ua 'ZY'z'k \]W'
fYghf]W]cbg'Udd'mZcf'XYfY[]ghfUh]b['Zcfa 'Ub'YI Ua "

%"@gh'YI Ua g

K \Yb'c[[]b[]b'h]g'gWYYb'Zfghz'U"YI Ua g'VY]b['dcghYf]cf'hc'h'Y'UW' U'XUH'UbX'Ui bW'YX']b'h'Y'
W'fYb'bgYa YghYf'k]'VY'g'vck'b'Ui hca Uh]W'nz'Vi h'mci 'Wb'U'gc'fYZ]bY'h'Y'jgh'

=Z'mci 'UfY'cb'm]bhYfYghYX']b'h'Y'YI Ua g'cZ'U'dUfh]W'Uf'gi V'YVw'z'gY'YV'h'h'Y'gi V'YV'h']b'h'Y'"Gi V'YVw'g"
Xfcd! Xck b'a Ybi 'z'W]W' "@gh'YI Ua g"

&"':]hYf]b['z'gYUfW]b['UbX'gc'fh]b[]b'h'Y'jgh

Cb'h'Y'hcd'cZ'h'Y'jghz'mci 'Wb'gYh'vck'a UbmYI Ua g'hc'VY'X]gd'UmYX'cb'cbY'dU[Y"G'vci 'X'h'Y'jgh
VY'YI hYb'XYX'hc'a cfY'h'Ub'cbY'dU[Yz'mci 'a Um'hi fb'dU[Yg'Vmi g]b['hk c!X]fYVh]cbU'Uffck g'cf'Vm
h'Y'Xfcd! Xck b'a Ybi " 'Mci 'Wb'df]bh'h'Y'dU[Y'VmiW]W]b['h'Y'df]bh]V'z'b"

6mW]W]b['h'Y'gYUfW'V'z'b'z'U'Vfck gYf'k]'Udd'YUf'cb'hcd'cZ'h'Y'YI Ua ']'gh" '<YfYz'Zcfa 'Xfcd! Xck b
a Ybi z'mci 'Wb'gY'YV'h'k \]W'YI Ua 'XUH' 'mci 'k Ub'h'hc'gYUfW'z'h'Yb'YbhYf'h'Y'hYI h'hc'VY'gYUfW'YXz'
UbX'W]W' "GYUfW' "5Z'h'f'h]g'z'h'Y'jgh'k]'V'z'b'h]b]cb'm'h'Y'YI Ua g'h'U'h'a Y'h'h'Y'gYUfW'W]hYf]U"
GYUfW'Wb'VY'W'ff]YX'ci h'U'gc'Zcf'k cfX'ZfU[a Ybhgz'UbX'XcYgb'f'h'bch'a U_Y'X]ZZYfYbW'VY'h'YYb
i ddYf'UbX'ck Yf'W'gYg" =Z'mci 'k Ub'h'hc'\Uj Y'h'Y'k \c'Y'jghz'h'Yb'WYUf'h'Y'HYI h'hc'gYUfW'Zcf'Z]Y'X
UbX'W]W' "GYUfW' "

6mW]W]b['UbmiZ]Y'X']b'h'Y'h]hY'VUf'cZ'h'Y'jghz'mci 'a Um'gcf'h'h'Y'V'z'b'h'bg'cZ'h'Y'Ybh]fY'jgh
UWw'fX]b['hc'h'Y'Z]Y'X'gY'YV'h'X" 'h'Y'Z]Y'X'UWw'fX]b['hc'k \]W' 'h'Y'YI Ua g'UfY'gc'fhYX'g'X]gd'UmYX']b'U
X]ZZYfYbh'V'z'ci f'h'Ub'h'Y'ch'Yf'g'z'k \]Y'U'ga U'Uffck 'bYI h'hc'j'h'g'vck g'h'Y'gc'fh'cf'XYf"

=Z'h'Y'fYeI]fYX'gi V'YV'h'Zci bXz'W]W'UbmiCZ]hg'XUHJz'UbX']b'U'dcd! i d'k]bXck 'h'Y'XYhU]g'cZ'h'Y'
gY'YV'h'X'gi V'YV'h'k]'VY'X]gd'UmYX"

' " '9I Ua 'XYhU]g

K \Yb'W]W]b['hc'h'Y'fck'cZ'h'Y'YI Ua 'V'z'b'W'fbYX'fMI W'dh'Zcf'h'Y'Ugh'V'z'i a b'z'z]b'U'dcd! i d'k]bXck
mci 'Wb'j]Yk 'h'Y'XYhU]YX'XUH'cZ'h'Y'YI Ua 'V'z'b'W'fbYX" '9I Ua 'XUH'k]'VY'X]gd'UmYX'cb'gYj YfU'
hUVg"

(' " 'F Y[]ghYfYX'ghi XYbhg'hUV

=b'h]g'hUV'mci 'Wb'j]Yk 'h'Y'fY[]ghYfYX'ghi XYbhg'f'ibUa Yg'z'BYdhi b'V'z'XYg'UbX'fY[]ghfUh]cb'XUH'g" =Z
h'Y'"9j Yfmg'hi XYbh'cb'h]g'YI Ua " 'W'Y'W'Vcl]g'i bgY'YV'h'Xz'mci 'Wb'j]Yk 'cb'm'h'Y'jgh'cZ'ghi XYbhg
k]h'k \ca 'mci 'UfY']b'h'Y'gUa Y'V'z'i fgYz'UbX'k \c'\Uj Y'fY[]ghYfYX'hc'h'Y'gUa Y'YI Ua " 'K \Yb'h'Y'
W'Y'W'Vcl]g'gY'YV'h'Xz'U'gh' XYbhg'z'k \c'\Uj Y'fY[]ghYfYX'hc'h]g'YI Ua 'cZ'h'Uh'dUfh]W'Uf'gi V'YV'z'
UfY'X]gd'UmYX"

=b'h]g']bhYfZUW'z'h'Y'ghi XYbhg'k \c'\Uj Y'fY[]ghYfYX'hc'h'Y'YI Ua 'Vi h'd'UW'X'cb'h'Y'k U]h]b[]gh'UfY'
a Uf_YX']b'V'i Y" =b'h'Y'"K U]h]b[]gh'V'z'i a b'mci 'Wb'j]Yk 'h'Y'fUb'_cZ'U'dUfh]W'Uf'ghi XYbh]b'h'Y'
k U]h]b[]gh'

) " '<]ghcfm'hUV

<YfY'mci 'Wb'j]Yk 'h'Y'jgh'cZ'h'Y'YI Ua g'cZ'U[]j Yb'gi V'YV'z'fY[UfX'Ygg'cZ'h'Y'gYa YghYf'g'z'hc'k \]W'
mci '\Uj Y'fY[]ghYfYX'YUf]Yf" 'h'Y'jgh'U'gc'X]gd'Um'g'h'Y'fYgi 'hg'cZ'YUW'YI Ua 'Ug'k Y'Ug'h'Y'ZUW'h'Uh
mci '\Uj Y'XYfY[]ghfUhYX'Zcfa 'h'Uh'c'W'W]g]cb'VY'Zcf'Y'h'Y'YI Ua 'XUH'

* " 'F Y[]ghfUh]cb'hc'Ub'YI Ua

Hc'fY[]ghYf'hc'Ub'YI Ua z'W]W' "F Y[]ghYf"]b'h'Y'fck'cZ'h'Y'fYeI YghYX'XUH' "h'Y'gmghYa 'k]'bch]zm
mci 'k \Y'h'Yf'h'Y'YI Ua 'fY[]ghfUh]cb'\Ug'VY'Yb'gi W'W'ggz'z'cf'bch'

F Y []ghYfYX 'YI Ua g

<YfY'mci 'Wb'j]Yk 'h'Y''gh'UbX'XUH'cZYI Ua g'hc'k \]W' 'mci 'k YfY'fY []ghYfYX'YUf'Yf'' <YfY'mci 'a Um XYfY []ghYf'cZYI Ua g'g'YVWYX'i bh' 'h'Y'XYUX']b'Y'Z] YX'Vm'mci f'\ [\Yf'YXi WWh]cb]bgh]hi h]cbž'UbX'h'lg gWY'Yb'U'gc'gYfj Yg'hc'\Uj Y'h'Y''gh'cZ'fYgi 'hg]b'gdYVWYX'Ug'YbhYfYX'hc'YUW'YI Ua "

5g'U'XYZUj 'h'X]gd'Umž'mci f'YI Ua g'g] bYX']b'h'Y'W ffYbh'gYa YghYf'k]''UddYUf'cb'h'Y'gWY'Ybž'Vi h k \Yb'W]W]b ['hc'h'Y'Z]Y'X'ÍGYa YghYf'ž'mci 'Wb'']gh'h'Y'YI Ua g'g] bYX']b'ch'Yf'gYa YghYf'gž'hcc"

5HH9BH=C B " 'D'YUgY']bZcfa 'mci fgY'j Yg'k \]W' 'gmghYa 'cZfi 'Yg'g'U''dfYj U] 'Xi f]b ['h'Y'YI Ua 'dYf]cX'cZ mci f'fU]b]b ['UW'fX]b ['hc'h'Y'Ghi XmiUbX'9I Ua 'Fi 'Yg. 'K \Uhi]g'h'Y'XYUX']bY'i bh']k \]W' 'mci 'Wb XYfY []ghYf'Zfca 'Ub'YI Ua 'k]h'ci h'W'bgYei YbW'gž'k \Yb'Xc'mci 'Uj Y'hc'dUm]b'U'fYdYUhiYI Ua 'ZYž k \]W' 'fYgh]Vh]cbg'Udd'mZcf'XYfY []ghYf]b ['Zfca 'Ub'YI Ua ž'YhW'

%"@gh'cZ'gY'YVWYX'YI Ua g

=b'h'Y''gh'h'Y'YI Ua g'mci '\Uj Y'Udd']YX'Zcf'fY []ghfU]cb'Vi h'k YfY'di h'hc'k U]h]b [''gh'UfY'a Uf_YX']b Vi Y'W'ci f''=b'h'Y'W'ci a b'Í9I Ua 'fYHU_Y'hmdY'Í'mci 'Wb']bZcfa 'mci fgY'j Yg'UVci h'h'Y'YI Ua fY []ghfU]cb'hmdY'fbcfa U'YI Ua ž'W'ffYVh]cb'YI Ua ž'fYdYUhiYI Ua ž'YhW'É"

&"'9I Ua 'XYHU]'g

K \Yb'W]W]b ['hc'h'Y'fck 'cZ'h'Y'YI Ua 'W'ebW'fbYX'ffYgg'Í8YfY []ghYf']b'h'Y''Ugh'W'ci a b'Éž']b'U'dcd! i d k]bXck 'mci 'j]Yk 'h'Y'XYHU]YX'XUH'cZ'h'Y'YI Ua 'W'ebW'fbYX''9I Ua 'XUH'k]''VY'X]gd'UmY'gi VX]]XYX hc'hUVg"

' " F Y []ghYfYX'ghi XYbhg'hUV

H\]g'hUV'gYfj Yg'hc'X]gd'Um'h'Y'b'Ua Yž'BYdhi b'W'XY'UbX'h'Y'XUH'cZ'fY []ghfU]cb'cZ'fY []ghYfYX ghi XYbhg''=Z'h'Y'W'YW'Vcl 'cZ'Í9j Yfmighi XYbh'cb'h'lg'YI Ua 'Í']gi bgY'VWYXž'mci 'Wb'cb'mj]Yk 'h'Y ''gh'cZ'ghi XYbhg'k]h']b'mci f'W'ci fgY'k \c '\UX'fY []ghYfYX'hc'h'Y'gUa Y'YI Ua ž'k \Yb '\Uj]b ['h'lg'Vcl gY'VWYXž'U''gh' XYbhg'cZ'h'Y'gi V'YVh'k \c'fY []ghYfYX'hc'h'Y'gUa Y'YI Ua 'k]''VY'X]gd'UmY'X"

=b'h']g'gWY'Ybž'h'Y'ghi XYbhg'k \c '\Uj Y'Udd']YX'Zcf'fY []ghfU]cb'Vi h'k YfY'di h'hc'k U]h]b [''gh'UfY'a Uf_YX']b'Vi Y'W'ci f''=b'h'Y'W'ci a b'ÍK U]h]b [''gh' 'mci 'Wb'W'YW' 'h'Y'dcg]h]cb'Ugg] bYX'hc'U dUfh]W'Uf'ghi XYbh'Zfca 'h'cgY'cb'h'Y'k U]h]b [''gh"

("<]ghc'fm'hUV

<YfY'mci 'Wb']b'gdYVh'h'Y''gh'cZ'U''YI Ua g'cZ'U'gdYVW]Wgi V'YVWž']bXYdYbXYbh'm'Zfca 'gYa YghYfg'mci k YfY'fY []ghYfYX'hc'YUf'Yf''H'Y''gh'X]gd'Um'g'h'Y'fYgi 'h'dYfU]b]b ['hc'Ub'YI Ua ž'hccž'cf'h'Y'ZUW]Z'mci k YfY'XYfY []ghYfYX'VYZcfY'h'Y'YI Ua 'XUH'

) " 8YfY []ghfU]cb

=b'h'Y'W]gY'mci '\Uj Y'dfcWYXYX'hc'U'ZU'gY'fY []ghfU]cbž'cf']Z'mci 'g]a d'mW'Ub [YX'mci f'a]bX'UbX k UbhYX'hc'VY'XYfY []ghYfYXž'W]W'hc'Í8YfY []ghYf']bYI h'hc'h'Y'dUfh]W'Uf'YI Ua "'fB'cfa U'm'h'lg'Wb'VY XcbY'k]h']b' & (\ci fg'VYZcfY'h'Y'YI Ua 'Vi h']bgh]hi h]cbg'a Um'gYh'X]ZYfYbh'XYUX']bYgž'hccÉ''=b'h']g W]gY'h'Y'gmghYa 'hf]Yg'mci 'hc'VY'XYfY []ghfU]h'X'Zfca 'h'Y'YI Ua 'W'ebW'fbYX'UbX' [] Yg'U'W'ebZ]fa Uh]cb UVci h'gi W'V'ggž' 'cf'i bgi W'V'ggž' 'cdYfU]cb"

:]b Ub WY g

DUma Ybhg

H\]g']g' k \ YfY' mci ' VWb' VWYV' mci f']gh' cZ dUma Ybh' cV'] [Uh]cbgž' Vch' dU]X' UbX' gh]'' dUmUV' Y' f]'' Y''
UW]j' YE'' Mēi' 'a UmZ' 'Z' 'h' YgY' cV'] [Uh]cbg' Vmi' g]b[' Ubm' cZ h' Y' dUma Ybh' a' Yh' cXg' Uh' mci f' X]gd' cGJ'
k]h']b' BYdhi' b'' =Z' U' ck' YX' Vm' mci f']bgh]h' h]cbž' mci 'a Um' U' gc' k' f]h' Y' VW' fHJ]b' Z]b' Ub' VU']h' Ya' g' Zc' f' mci f' gY' Z'
UbX' dUm' h' YgY''

5g' U' 'ch' cZ Z' bW]cbg' VWb' VY' U' VW' ggYX' h' fci [\ 'h']g']bh' YfZUW' Z']hg' XYgW' dh]cb']g' ei']h' Y' 'cb[' ' : 'cf' h']g'
fYUgcbž']h']g' fYVēa' a' Yb' X' YX' h' c' W]W' 'h' Y' Df]bh']Wēb']b' h' Y' h' c' d' f] [\ h' Wēf' b' Yf' c' Z' h']g' d' c' d' ! i' d' k']b' X' c' k' ' Ub' X'
\ Uj' Y']h' X]gd' Um' YX']b' U' b' Yk' ' V' f' c' k' g' Yf' k']b' X' c' k' "

%" DUm']bž' dUm' VUW' ' ! @]gh' cZ h' f' Ub' gW']VYX']h' Ya' g

H\]g']bh' YfZUW' VWb' VY' i' gYX' h' c']gh' mci f' dUma Ybh' cV'] [Uh]cbg' fDUma Ybhg' hUVE' UbX' fYZ' bX' cV'] [Uh]cbg'
fDUm' VUW' ' hUVE' ' H' Y' ' U' h' Yf']g' c' b' m' b' Y' X' YX']Z' Zc' f' U' b' m' f' Y' U' g' c' bž' mci f']bgh]h' h]cb' h' f' Ub' g' Z' f' f' YX' mci ' Ub'
Ua' ci' bh' h' Uh']g' h' c' c' V'] [ž']b' k' \ \]W' W' g' Y' h' Y' Wēf' f' W]cb' b' Y' X' g' h' c' VY' d' Yf' Z' c' fa' YX' j']U' h']g']bh' YfZUW''

=Z' mci ' \ Uj' Y' 'cb' Y' c' f' a' c' f' Y' 'c']bh' U' W' ēi' b' hgž' h' Y' f']gh' k']'' U' d' d' Y' U' f' U' V' c' j' Y' h' Y' 'Z']h' Yf' Wēb' X]h]cbg' f' g' Ya' Y' gh' Yfž'
gh' U' h' gē'' '6' m' g' Y' V' W]b[' Ubm' c' Z' h' Ya' ž' mci ' VWb' U' gc' g' Y' h' Y' VU' Ub' W' c' Z' h' Y' d' U' f' h]W' ' U' f' U' W' ēi' b' hž' g' c' mci'
VWb' Y' U' g]m' VW' YV' k' \ Y' h' Yf' mci ' \ Uj' Y' h' Y' Z' b' X' g' b' Y' W' gg' U' f' m' h' c' Z' 'Z' mci f' dUma Ybh' cV'] [Uh]cbg''

I' g]b[' h' Y' Z']h' Yf' g' mci ' VWb' g' Y' V' W' k' \]W' c' Z' h' Y' h' f' Ub' gW']VYX']h' Ya' g' f]'' Y'' dUma Ybh' cV'] [Uh]cbg' ēi' mci ' k' Ubh'
h' c' \ Uj' Y' X]gd' Um' YX' ' 7i' f' f' Y' b' h' m' h' Y']gh' VWb' VY' Z']h' Yf' YX' Vm' g' Ya' Y' gh' Yf' c' f' h' Y' gh' U' h' g' c' Z' h' Y' h' f' Ub' gW']VYX'
]h' Ya' g' Vm' W]W']b[' h' Y' ' G' c' k' ']gh' ' Vi' h' c' b''

9' [' ' Vmi' g]b[' h' Y' g' Y' h]b[' g' G' Ya' Y' gh' Yf' ' 5' ž' G' H' U' h' g' ' 5' W]j' Yž']h' Ya' g' h' f' Ub' gW']VYX' h' c' mci ' UbX' gh]'' i' b' d' U]X'
k']'' VY']gh' YX' Zc' f' U' ' g' Ya' Y' gh' Yf' g''

7']W']b[' ' A' c' f' Y' ']b' h' Y' f' c' k' ' c' Z' Z]b' Ub' VU']h' Ya' g' X]gd' Um' YX' c' d' Y' b' g' U' d' c' d' ! i' d' k']b' X' c' k' ' g' c' k']b[' X' Y' H' U]YX'
]b' Z' c' fa' Uh]cb' c' b' h' Y']h' Ya' ' Wēb' W' f' b' YX' ' 6' m' W]W']b[' f' DUm' Yf'] mci ' a' Um' Ugg] [b' U' d' Um' Yf' h' c' h' Y' d' U' f' h]W' ' U' f'
]h' Ya' ' ' Mēi' ' b' Y' X' h']g' k' \ Y' b' mci ' k' Ubh' h' c' f' Y' W']j' Y' U' b' Y' Y' W' f' c' b]W']b' c]W' Zc' f' h' Y' d' Uma Ybh' Wēb' W' f' b' YX''
F' Y' ei' Y' gh]b[' U' h' U' ' W' f' h]Z]W]h' ' g' c' i' ' X' b' c' h' VY' X' c' b' Y' \ Y' f' Yž' Vi' h' c' b' h' Y' ' ' H' U' ' 7' Y' f' h]Z]W]h' ' ' h' U' V' c' Z' h' Y'
:]b' Ub' W' g' P' G' Y' h]b[' g' a' Y' bi' ž' U' g']h' f' Y' U' h' Y' g' h' c' k' \ c' Y' h' U' ' n' Y' U' f' gž' b' c' h]b' X]j']Xi' U' Z]b' Ub' VU']h' Ya' g''

A YUb]b[' c' Z' gh' U' h' g' j' U' i' Yg.

5' W]j' Y' ' h' Y']h' Ya']g' b' c' h' d' U]X' m' Y' h' Zc' f']h' Ya' g' h' f' Ub' gW']VYX' Vm' h' Y' gh' X' Y' b' h]h']g' d' c' g' g]V' Y' h' c' X' Y' Y' h' Y' h' Y'
]h' Ya' "

6' Y]b[' d' f' c' W' ggYX' ' ' H' Y' d' Uma Ybh' c' Z' h' Y']h' Ya']g' VY]b[' d' f' c' W' ggYXž' Vi' h' \ U' g' b' c' h' VY' Y' b' Wēb' Z]fa' YX' m' Y' h'
H' Y' ' Xi' f' U]h]c' b' X' Y' d' Y' b' X' g' c' b' h' Y' d' Uma Ybh' a' Yh' c' X' i' g' YX' UbX' c' b' h' Y' g' d' Y' X' c' Z' U' X' a']b]gh' U]h]c' b' c' Z' h' Y'
c' h' Y' f' d' U' f' h]Y' g' Wēb' W' f' b' YX' f' Y' [' ' ' VUb' ž' d' c' g' h' c''

7' ca' d' Y' h' YX' ' ' H' Y' d' Uma Ybh' c' Z' h' Y']h' Ya']g' Wēa' d' Y' h' YX' UbX' \ U' g' VY' Y' b' Wēb' Z]fa' YX' k']h']b' BYdhi' b''

&" 5gg] [b' d' Um' Yf

6' m' X' Y' Z' U' i' h' h' Y' d' Um' Yf' c' Z' U']h' Ya' g']g' h' Y' gh' X' Y' b' h' f]'' Y'' mci ' ē' / h' Y' f' Y' Z' c' f' Y' h']g' X' c' Y' g' b' c' h' b' Y' X' h' c' VY' g' Y' h'
g' Y' d' U' f' U' h' Y' m'

H' Y' Z' Y' X' g' U' d' d' Y' U' f]b[']b' h' Y' d' c' d' ! i' d' k']b' X' c' k' ' UbX' h' Y' f' a' Y' Ub]b[.

DUm' Yf' h' m' d' Y.

f' D' U' f' h' b' Y' f' ' 1' ' H' Y' d' Um' Yf']g' U' d' f' j' U' h' Y']b' X]j']Xi' U'

f' C' f' [Ub]g' U]h]c' b' i' ' 1' ' H' Y' d' Um' Yf']g' U' Y' [U' Y' b' h]m

DUm' Yf' ' 6' m' W]W']b[' h' Y' h' f' Y' Y' d' c]b' h' g' Zc' ck']b[' h' Y' Z' Y' Xž' h' Y']gh' c' Z' d' U' f' h' b' Y' f' g' UbX' c' f' [Ub]g' U]h]c' b' g'
Ugg] [b' YX' h' c' mci ' k']'' VY' X]gd' Um' YX' ' 5gg] [b]b[' U' b' Yk' ' d' Um' Yf' g' c' i' ' X' b' c' h' VY' X' c' b' Y' \ Y' f' Yž' Vi' h' c' b' h' Y'
f' D' U' f' h' b' Y' f' g' c' f' f' C' f' [Ub]g' U]h]c' b' g' i' h' U' V' c' Z' h' Y' :]b' Ub' W' g' P' G' Y' h]b[' g' a' Y' bi' "

H' Y' ' H' U' i' ' bi' a' VYf' ' UbX' ' H' U' i' ' =8' Z' Y' X' g' U' f' Y' U' i' h' ca' U' h]W' ' m' Z' ' YX']b' Vm' BYdhi' b''

=b' W' U' g' Y' c' Z' h' Y' ' 5' X' X' f' Y' g' g' Z' Y' X' mci ' VWb' i' g' Y' U' X' f' c' d' ! X' c' k' b' a' Y' bi' h' c' g' Y' V' W' h' Y' U' X' X' f' Y' g' g' c' Z' h' Y' d' Um' Yf' h' c'
U' d' d' Y' U' f' c' b' h' Y' d' Uma Ybh']b]c]W']ggi' YX' ' H']g' X' U' h' U' W' b' U' gc' VY' a' c' X]Z' YX' Z' c' a' h' Y' :]b' Ub' W' g' P' G' Y' h]b[' g'
a' Y' bi' "

=bYyX'U'fUbgZyf'bj c]WV. 'H\]g'cdh]cb'jg'cZ]a dcfhUjWV'k \Yb'mci f'ZYg'UfY'Z]bUbVWX'VmU'Vt'a dUbm
cf'UbchYf'cf[Ub]gU]h]cb'k \]WV'fYei]fYg'U'fUbgZyf'bj c]WV" =b'U'chYf'WUgYg'h\]g'Wb'VY'Yz'Ya dhm'

' " =hYa 'hfUbgW]d]h]cb'f'cdh]cbU'Ł

=ZhfUbgW]V]b[]hYa g'jg'U'ck YX'Zcf'ghi XYbhg]b'mci f']bgh]hi h]cbz'h\Y'f'UbgW]VY']hYa "Vi h]cb'jg
Uj U]UV'Y'cb'h\Y'f][\h\U'UbX'g]XYz'UVc]Y'h\Y'g]h'cZhfUbgW]VYX']hYa g'z'Uh'h\Y'g'Ua Y'\Y][\h'Ug'h\Y
"G\ck']gh'Vi h]cb"K \Yb'W]W]b[]h'z'U'dcd!i d'k]bXck'UddYUfgz]b'k \]WV'mci 'a Um'fUbgW]VY'U
dUma Ybh'cV][Uh]cb'Zcf'mci fg'Y'Z'

=hYa 'XUHU'jg'hc'VY'YbhYfYX']b'cfXYfz'cbY!Vml'cbYz'gY'YW]b['fYei]fYX'gY'h]b[g'Z'ca 'X'fcd!Xck b
a Ybi g'': cf'z'fh\Yf']bZ'ca Uh]cb'UVci h'h\Y'a YUb]b['cZ'gY'h]b[g'UbX'h\Y'fi 'Yg'Vt'bW]fb]b['j Uf]ci g
dUma Ybh'cV][Uh]cbg'd'YUgY'Vt'bgi 'h'h\Y'9Xi W]h]cb'5Xa]b]ghfUh]cb'Uh'mci f']bgh]hi h]cb"

:]fgh'mci 'bYyX'hc'gY'YWh'h\Y'h]hY'cZ'dUma Ybh'z'VUgYX'cb'k \]WV'z'fh\Yf'Z]Y'Xg'UfY'X]gd'Um'YX'" =Z
Yj Yf'mh]b[]g'Vt'ffYWh'migYh'z'W]W]_''7fYUHY']hYa "'H\Y'gmghYa 'k]'Vt'bZ]fa 'k f]h]b['h\Y']hYa
gi W]V]ggz' 'mz'Uz'Yf'k \]WV'h\Y']hYa]b'ei Ygh]cb'UddYUfg'Ua cb['mci f'UV]j Y']hYa g'cb'h\Y'"DUma Ybhg"
hUV]Z]Z'hYfg'Uf'Y'f'cdYf'migYh'

(" 8Y'YhY']hYa 'f'cdh]cbU'Ł

=b'BYdhi b'z'ghi XYbhg'W]b'cb'mXY'Yh'i bdU]X']hYa g'hfUbgW]VYX'Vm'h\Ya gY'j Ygz'UbX'bch]hYa g
hfUbgW]VYX'Vm'Uxa]b]ghfUhc'fg'cf'YWh' fYfg'cZ'h\Y']bgh]hi h]cb'cf[]YbYfUhYX'Vm'h\Y'gmghYa "
5W]t'fX]b['mz]b'h\Y'g]h'cZhfUbgW]VYX']hYa g'z'h\Y'"8Y'YhY'"Vt'i a b'cb'm'Vt'bH]bg'U'W]YW'Vcl'Zcf
]hYa g'h\U'h'a Y'h'Vch'UVc]Y'W]hYf]U"

5Z'h'f'a Uf_]b['h\Y'W]YW'Vcl'Yg]b'h\Y'g]h'Zcf'h\Y']hYa g'hc'VY'XY'YhYX'z'W]W]_''8Y'YhY'"Uh'h\Y'Vcl'ha
cZ'h\Y'dU]Y"

) " DUm]hYa

Hc'dUm'mci f'i bdU]X'f]Y'"UV]j Yt'hfUbgW]VYX']hYa g'z'a Uf_'h\Y'f'DUm]b]_ 'W]YW'Vcl' bYi h'hc'h\Y']hYa f]g
Xi Yz'UbX'h\Y'b'W]W]_]bYi h' "BYdhi b'k]'dfcj]XY'U'Ugh'fYa]bXYf'UVci h'h\Y'dcgg]V]h]m'cZ'Ugg][b]b['U
dUm'fz'Ug'h\]g'gY'h]b['W]bbch'VY'a cX]Z]YX'cbW'h\Y']hYa f]g'U'j Y'VYb'dU]X'" =Z'U'XUHU'jg'Vt'ffYWh'm
gYh'z'W]W]_]C?i"

) "%GY'YWh'dUma Ybh'a Yh'cX

8YdYbX]b['cb'h\Y'gY'h]b[g'cZ'h\Y']bgh]hi h]cbz'mci 'a UmidUm'Ub']hYa 'k f]hYb'i g]b['h\Y'Z'ck]b[
a Yh'cXg.

>c]bh'UW]t'i bh'dUma Ybh #J]fhi U'':c]bh'UW]t'i bh'dUma Ybh . 'K \Yb'i g]b['h\]g'dUma Ybh'a Yh'cXz'h\Y
gmghYa 'k]'hfUbgZyf'h\Y'fYei]fYX'Ua ci bh'Z'ca 'mci f'c]bh'UW]t'i bh]Z'h\Y'bYW]ggUfm]z' bXg'UfY
Uj U]UV'Y'h\YfY'" =Z'mci 'Uf'Ugg][bYX'hc'a cfY'h\U'cbY'c]bh'UW]t'i bh'z']h]g'i d'hc'mci 'hc'gY'YWh'h\Y
cbY'Z'ca 'k \]WV'hc'dUm'h\Y']hYa f]g'U]b'ei Ygh]cb'" =b'W]gY'cZ'c]bh'UW]t'i bh'UbX'j]fhi U'':c]bh'UW]t'i bh
dUma Ybhg'z'h\Y'fUbgUW]cb]g]a a YX]UhY'mfYVt'fYX']b'BYdhi b"

6Ub_ 'W]fX'dUma Ybh ' Gh' XYbhg'Uh]bgh]hi h]cbg'U'ck]b['VUb_ 'W]fX'dUma Ybh'W]b'a U_Y'dUma Ybhg'Vm
i g]b['h\Y]f'gi]hUV'Y'VUb_ 'W]fXg]j]U'h\Y'k YVg]hY'cZ'CHD'6Ub_": i fh\Yf']bZ'ca Uh]cb'UVci h'W]fXg
UW]VdhYX'W]b'VY'Zci bX'cb'h\Y' [k YVg\]hY'cZ'CHD'6Ub_](#) "'6migY'YWh]b['h\]g'dUma Ybh'cdh]cb'h\Y'bYi h
ghY'd'k]'X]gd'Um'h\Y'CHD'k YVg]hY'z'k \YfY'mci 'W]b'a U_Y'dUma Ybhg'cZ'hfUbgW]VYX']hYa g'j]U'h\Y
=bhYfbYh'Vmdfcj]X]b['mci f'VUb_ 'W]fX'XUHU'"G]a]Uf'hc'c]bh'UW]t'i bh'dUma Ybhg']hYa g'dU]X'Vm'VUb_
W]fX'UfY']a a YX]UhY'mfYVt'fYX'Vm'BYdhi b"

DUma Ybh'Vm'W]Yei Y. 'H\Y'_Ym]XYU'VY\]bX'dUma Ybh'Vm'W]Yei Y']g'h\Uh'mci 'fYW]j Y'U'W]Yei Y'Z'ca
Y]h\Yf'h\Y'cZ]W'cZ'Gh'X]Yg'cf'Z'ca 'U'XYdUf'a Ybh'cZ'mci f']bgh]hi h]cbz'h\Y'b'UZ'Yf'dUm]b[]h'Uh'h\Y
dcgh'cZ]W'BYdhi b'cZ]Yfg'h\Y'cdh]cb'cZ]a a YX]UhY'mfYVt'fX]b['h\Y'Z]W]cZ'dUma Ybh'z'Yj Yb'VYZcfY
Vt'bZ]fa Uh]cb]g'gYbh'Vm'h\Y'dcgh'cZ]W'"6migY'YWh]b['h\]g'cdh]cbz'h\Y'dUf'Ua YhYfg'cZ'h\Y'dU]X'W]Yei Y
UfY'hc'VY'YbhYfYX']b'h\Y'UddYUf]b['f'7\Yei Y'fYVt'fX]b['i'k]bXck "

7\Yei Y'hdYg.

"BYdhi b'W]Yei Y' =8" '1 'H\Y'W]Yei Yz'i g]b['k \]WV'mci 'a UXY'dUma Ybh'z'k Ug'df]bhYX'Z'ca 'BYdhi b'z'gc
h\Y'W]Yei Y]XYbh]Z]Yf']g'Uj U]UV'Y']b'h\Y'gmghYa "

"9I hYfbU'W]Yei Y' =8" '1 'H\Y'W]Yei Y'W]b'VY']XYbh]Z]YX'Vm]gca Y'_]bX'cZi b]ei Y'bi a VYf'bch'cf][]bUh]b[
Z'ca 'BYdhi b'" =b'h\]g'W]Ug'Ug'_mci f']bgh]hi h]cb'UVci h'h\Y'YI UWh'Z'ca Uh'cZ'h\Y']XYbh]Z]Yf"

H\Y'gmghYa 'Ug_g'Zcf'h\Y'gYf]U'bi a VYf'cZ'h\Y'W]Yei Y'É']Y'"h\Y'gc!W]YX'"9I hYfbU'W]Yei Y' =8" 'É
Yj Yb']b'h\Y'W]Ug'cZ'BYdhi b'W]Yei Ygz']b'cfXYf'hc']XYbh]Z]m'Vch'h\Y'gh' XYbh'UbX'h\Y'dUma Ybh

k]h\ci h'dfcV'Ya "

H\Y'UXj UbhU[Y'cZ'dUma YbhVmW\Yei Y']g'h\Uh]b'WUg'cZi f[Ybh'dUma Ybhg'mci 'bYXX'bc'h'k U]h'Zcf
VUb_ 'hfUbgZYfg'gca Yh]a Yg'fYei]f]b['gYj YfU'XUmg/'mci 'WUbd'Um'h\Y']hYa 'k f]hYb']a a YX]Uh'mUh'h\Y
dcgh'cZ]W"

* "G\UfY'UbX'a Yf[Y ']hYa g'f'cdh]cbU'Ł

=b'h\Y''gh'cZ'fUbgW]VYX']hYa g'mci '\Uj Y'h\Y'cdh]cb'cZgd']h]b['UW]j Y']"Y"'i bdU]X']hYa g']bhc'gYj YfU'
dUfh]U']hYa gž']Z'U'ck YX'Vm'mci f']bgh]h' h]cb"'Gd']h]b[']hYa g'a UmVY'bYXX'Zcf'YI Ua d'Y']Z
! 'mci 'fYei]fY'gYdUfUhY']bj c]W]g'Zcf'YUW' dUfh'cZ'U' []j Yb'dUma Ybhž'dfYdUfYX'Zcf'X]ZYfYbh'dUm'fgž'cf
! 'mci 'k Ubh'hc'dUm'Ub']hYa ']b']bgh]U'a Ybhgž'cf
! 'mci 'UfY'Ugg][bYX'hc'a cfY'h\Ub'cbY'c]bh'UWŁi bh'UbX'h\Y'Ua ci bh'Xi Y']g'cb'mUj U]UV'Y'cb'h\Ya
hc[Yh\Yfž'Vm'gd']h]b['mci 'k]'h\YfYZcfY'VY'UV'Y'hc'a U_Y'dUma Ybhg'Zcf'h\Y'dUfh]U']hYa g'Z'ca
j Uf]ci g'c]bh'UWŁi bhg"

7']W_''G\Uf]b['']b'h\Y'fck'cZ'h\Y']hYa 'WŁbWfYXž'gd']h'h\Y']hYa 'k f]hYb']b'k c'dUfhg'cb'h\Y
]bhYfZUW'h\Uh'UddYUfgž'UbX'h\Yb'W]W_ ']GUj Y' "5g'U'fYgi 'hž'h\Y'k c'dUfh]U']hYa g'WŁffYgdcX]b['hc
h\Y'gd']h'UddYUf']b'h\Y''gh'cZ'mci f']hYa gž'k\]W_ 'a Um'h\Yb'VY'dU]X'gYdUfUhY'm'Gd']h']hYa g'a Um'h\Yb
Z' f'h\Yf'VY'gd']h'i g]b['h\Y'gUa Y'a Yh'cX'Ug'UVcj Y'Vm'W]W_]b[''Gd']h'']b'h\Y'fck'cZ'h\Y'dUfh]U']hYa "'=Z
bcY'cZ'dUfh]U']hYa g'\Uj Y'mYh'VYYb'dU]Xž'mci 'a Um'WŁa V]bY'gd']h']hYa g'Vm'W]W_]b['h\Y''7ca V]bY"
]b_]b'h\Y'fck'cZ'h\Y'a U]b']hYa 'UbX'h\Yb'h\Y''7ca V]bY']hYa g:''Vi h'cb]b'h\Y'UddYUf]b['dcd! i d
k]bXck "

+ "Í DUmVUW_Í 'hUV

Cb'h\Y'Í DUmVUW_Í 'hUV'mci 'WUbfYZ' bX'h\Y']bgh]h' h]cb'h\Y']hYa g'YffcbYci g'mfYa]hYX'hc'mci "'H\Y
a Yh'cX'Zcf'h\]g']XYbh]W'hc'h\Uh'XYgW]VYX'i bXYf'Í DUm]bÍ "

=bj c]Wg

=b`h\]g'gWYYb'mci`Wb'j]Yk`h\Y`Y`Y`Wfcb]W`mUfV\j]YX'cf`<HA@VUgYX`]bj c]Wg'jggi`YX`U[U]bgh`dUm]b`hfUbgUW]cbgjj]U`BYdhi`bž`UbX'mci`Wb`Xck`b`cUX`h\Y`V`dmcZ]bj c]Wg'hc'mci`f`V`a`di`hYf`"

=b`h\Y`]bj c]W`"]ghž`h\Y`Z]Y`bUa`Yg`fY`UhYX`hc`YUW`]bj c]W`UfY`]b`h\Y`Ugh`k`c`V`i`a`bgž`]Z`h\Y`]bj c]W`Ug`VYYb`Y`Y`Wfcb]W`mUfV\j]YX""=Z]b`h\Y`gY`V`i`a`bg`bc`XUHU`UddYUfž`]h`g`ck`g`h\U`h`]b`mci`f]bgh]h`h]cb`<HA@VUgYX`]bj c]Wg'UfY`[YbYfUhYX`j]U`BYdhi`bž`UbX`]b`h\]g`WUgYž`]Z`mci`b`Y`Y`U`UfXV`dmi]bj c]W`Ug`k`Y`ž`mci`g`ci`X`U`V`i`j`fY`]h`Z`ca`h\Y`9Xi`WU]cb`5Xa`]b]ghfU]cb`C`Z]W`"

=b`WUgY`cZY`Y`Wfcb]W`mUfV\j]YX`]bj c]Wgž`]Z`mci`W]W`h\Y`dYbi`h]a`UhY`cf`h\Y`Ugh`V`i`a`b`cZ`h\Y`hUV`Y`mci`Wb`Xck`b`cUX`Ub`]bj c]W`]b`dXZ`cf`n]d`Z`ca`Uhž`fYgdYVW]j`Y`m`"

5HH9BH=CB`h\Y`UfXV`dmcZ`dXZ`Z]Yg`Xck`b`cUXYX`Z`ca`BYdhi`b`Wb`bch`VY`V`bg]XYfYX`hc`VY`Ub`cZ]WU`V`dmcZ]bj c]Wž`h\Y`fY`Z`fY`]Z`mci`b`Y`Y`U`b`cZ]WU`V`dmcž`d`YUgY`V`b`hUV`h\Y`9Xi`WU]cb`5Xa`]b]ghfU]cb`"

HfUbgUW]cb`]gh

H\]g'gWYYb`U`ck'g'mci`hc`j`]Yk`h\Y`XUH`cZU`cZmci`f`dfYj`ci`g`Z]bUbWU`hfUbgUW]cbg`]b`U`Z]hYfYX`
]gh]UbX`]b`WUgY`cZi`g]b[`U`c]bh]UW]i`bh`YfY`mci`U`Uj`Y`h\Y`dcgg]V`]h]hc`]b]h]UHY`U`fYhfUbgZYf`Zfca`
h\Y`VU`UbW`cb`mci`f`c]bh]UW]i`bh`k`]h]b`BYdhi`b`hc`cbY`cZmci`f`Yi`hYfbU`VUb`UW]i`bhg`

%":`]`hYf]b[`h\Y`]gh

6migYH]b[`Z]hYf]b[`W]hYf]U`cWUHYX`UVcj`Y`h\Y`]gh`h\Y`]gh`cZ`hfUbgUW]cbg`k`]`VY`WU`Ub[`YX`
]a`a`YX]UHY`m]hc`X]gd`Um]h]cgY`W`ffYgdc]b]b[`hc`h\Y`fYei`]fYa`Ybhg`gYh`

GYa`YghYfg.`mci`a`UmigYh`k`]h\Y`hfUbgUW]cbg`hc`X]gd`Um]b`h\Y`]gh`cZU`[`]`Yb`gYa`YghYf`

DUma`Ybh'a`Yh`cXg.`8YdYbX]b[`cb`dUma`Ybh'a`Yh`cXg`Uj`U]UV`Y`Zcf`mci`fY`["`c]bh]UW]i`bh`W`Yei`Yz`
Yh]W]z`h\Y`]gh]W]b`VY`bUffck`YX`UW]fX]b[`hc`dUma`Ybh`hmdYg`dYfh]b]b[`hc`dUma`Ybh'a`Yh`cXg`9`["`
k`Yb`i`g]b[`U`c]bh]UW]i`bh`Z]h\Y`>c]bh]UW]i`bh`dUma`Ybh`cdh]cb`gY`YW]Xz`cb`m]h]cgY`
hfUbgUW]cbg`k`]`fYa`U]b]b`h\Y`]gh]b`WUgY`cZ`k`]h\Y`gh]XYbh`Uj`Y`dU]X]b`U`hfUbgW]VYX`]hYa`
h]fci`[`h\Y`c]bh]UW]i`bh`

>c]bh]UW]i`bhg.`H\]g`cdh]cb]g]a`dcf]h]b]k`Yb`h\Y`gh]XYbh]g`Ugg][`bYX`hc`a`cfY`h]Ub`cbY`c]bh`
UW]i`bh`]b]g]W`WUgYg`]h]g]UV`Y`hc`X]gd`Um]h]Y`h]fbc]Yf`W]ff]YX`ci`h]cb`YUW]c]bh]UW]i`bh`

6Y`ck`h\]g`cdh]cbz`h\YfY`]g`h\Y`6U`UbW`cb`h\Y`c]bh]UW]i`bh`Z]Y`Xz`k`]h\Y`Z]h\Y`cdh]cb`5`gY`YW]X`
]b`h\Y`dfYj`ci`g`Z]Y`Xz`k`]`g]ck`h\Y`W`a`i`Uh]j`Y`hc]U`Ua`ci`bhg`cb`h\Y`c]bh]UW]i`bhg`z`k`]Y`]Z`cb`m`
cbY`c]bh]UW]i`bh]g]gY`YW]Xz`h\Y`Uj`U]UV`Y`VU`UbW`cZ`h\Y`c]bh]UW]i`bh]g]X]gd`Um]X`

&"`E`i`Yf]Yg`UbX`gc]f]b[`]b`h\Y`]gh

mci`W]b`gYh]cb`h\Y`hd`cZ`]ghz`ck`a`Ubm]hfUbgUW]cbg`mci`k`Ub]hc`VY`X]gd`Um]X`Vm]h]Y`gm]hYa`"
G]ci`X`h\Y`]gh]VY`Yi`hYb]X]h`c`a`cfY`h]Ub`cbY`dU`]Z`mci`a`Um]h]fb`dU`]Yg`Vm]g]b[`]h\Y`k`c!`
X]fY]W]cb]U`Uffck`g`cf`h\Y`Xfd!`Xck`b`a`Ybi`"Mci`W]b`df]bh]h\Y`dU`]Y`Vm]W]W]b[`]h\Y`df]bh]W]b`"

K`Yb`mci`W]W]h\Y`gYUfW`]W]b`z`U`Vfck`gYf`k`]`UddYUf`cb`h\Y`hd`cZ`hfUbgUW]cb`]gh`<`YfY`Zfca`h\Y`
Xfd!`Xck`b`a`Ybi`mci`W]b`gY`YW]k`]h\Y`XUH`cZ`hfUbgUW]cb`mci`k`Ub]hc`gYUfW`z`h\Y`YbhYf`h\Y`
hY]h`hc`VY`gYUfW`YXz`UbX`W]W]G]UfW`5Z]Yf`h]g]z`h\Y`]gh`k`]`W]b]h]b]cb`m]h\Y`hfUbgUW]cbg`h]Uh`
a`Yh`h\Y`gYUfW`W]hYf]U`G]UfW`W]b`VY`W]ff]YX`ci`h]U`gc`Zcf`k`cfX`ZfU`]a`Ybhg`z`UbX`bch`a`U_]b[`
X]Z]YfYbW`VYh`YYb`i`ddYf`UbX`ck`Yf`WUgYg`=Z`mci`k`Ub]hc`gY`h\Y`k`c`Y`]gh]U`]b]z`W]W]G]UfW`
UbX`YUj`Y`Ya`d]m]h\Y`hY]h`hc`gYUfW`Zcf`Z]Y`X`

6m]W]W]b[`]Ub]m]Z]Y`X`]b`h\Y`h]hY`VUf`cZ`h\Y`]ghz`mci`a`Um]gcf]h]h\Y`W]b]h]bhg`cZ`h\Y`Ybh]fY`]gh`
UW]fX]b[`]hc`h\Y`Z]Y`X`gY`YW]X`h\Y`Z]Y`X`UW]fX]b[`]hc`k`]h\Y`hfUbgUW]cbg`UfY`gc]f]hYX`]g]g]ck`b`
]b`X]Z]YfYb]W]i`ci`fz`UbX`bY]h]hc`h\Y`Z]Y`X`U`ga`U`Uffck`g]ck`g`h\Y`gc]f]b[`]X]fY]W]cb`"

=Z`mci`Zci`bX`h\Y`fYei`]fYX`hfUbgUW]cbz`W]W]hc`]hg`Ub]m]XUH`UbX`]b`U`dcd!`i`d`k`]b]Xck`mci`h\Y`XYH]g`
cZ`gY`YW]X`hfUbgUW]cb`k`]`VY`X]gd`Um]X`"

'`"HfUbgZYf`VUW`a`cbYm]Zfca`c]bh]UW]i`bh`

Hc`]b]h]UHY`U`hfUbgZYf`VUW]Zfca`mci`f`c]bh]UW]i`bh`]b`Z]j`ci`f`cZ`mci`f`df]j`UHY`VUb`UW]i`bh`gY`YW]U`
c]bh]UW]i`bh`Zfca`h\Y`Z]hYf`gW]YYb`=b`h]Uh]WUgY`U`hfUbgZYf`VUW]Vi`h]cb`UddYUfg`cb`hd`Y]Z]g]XY`
cZ`h\Y`]ghz`UbX`k`Yb`mci`W]W]cb`]h]mci`W]b`YbhYf`h\Y`Ua`ci`bh]hc`VY`hfUbgZYfYX`VUW]z`UbX`mci`
W]b`gY`YW]k`]h\Y`cZ`mci`f`VUb`UW]i`bhg`mci`k`Ub]h\Y`a`cbYm]hfUbgZYfYX`hc`"

5Z]Yf`h]g]z`]Z`mci`W]W]hc`"HfUbgZYf`VUW]"U]h\Y`Vch]ca`cZ`h\Y`k`]b]Xck`z`BYdhi`b`k`]`gh]Uf]h\Y`
hfUbgZYf`cdYf]h]cbz`UbX`[`YbYf]U`m]b]h`k`c`hc`h\Y`Y`k`cf_]b[`]XUmg`h\Y`gi`a`k`]`VY`W]YX]hYX`cb`h\Y`
gY`YW]X`VUb`UW]i`bh`Mci`W]b`UXX`U`bYk`VUb`UW]i`bh`cf`a`cX]Z]m]U`VUb`UW]i`bh]bi`a`Yyf`Vm`
W]W]b[`]h\Y`6Ub`UW]i`bhg`h]Uj`]b`h\Y`:]b]Ub]W]gp`]b]Ub]W]U`a`Ybi`"

GWŁ c`Ufg\]dgž`dUmci hg

=b`h\]g`gWYYb`h\YfY`]g`U`W\YW\`]gh`Z`hYfYX`VmigYa`YghYf`cZ`dUmci`hg`h\Uh`mci`f`]bgh]hi`h]cb`hfUbgZYffYX`hc`mci`f`VUb`_`UW\`i`bh`H\]g`gh`hmd]W\`m`W`bH]bg`h\Y`dUmci`hg`cZ`gWŁ`c`Ufg\]dg`UbX`ch\Yf`[`fUbg`cf`]b`h\Y`W`ffYV\]cbg`hUV`mci`W\`b`j`]Yk`h\Y`W`ffYV\]b[`]hYa`g`fY`UhYX`hc`h\Y`fYZ`bXg`cZ`dceg]V`m`cj`YfdU]X`Ua`ci`bhg`"

%`"Í`GWŁ`c`Ufg\]dgž`dUmci`hgÍ`hUV`

=b`h\]g`ghž`mci`W\`b`j`]Yk`h\Y`dUma`Ybhg`cZ`gWŁ`c`Ufg\]dgž`[`fUbgž`W`bhf]Vi`h]cbg`UbX`ch\Yf`dU]X`ci`h`gi`a`g`h\Y`ghUhi`gYg`cZ`dUma`Ybhg`UfY`g]a`]Uf`hc`h\Uh`XYgW]VYX`]b`DUma`Ybh`a`Ybi`"

5`HH9B`H=C`B`"=Z`Ub`]hYa`Ug`U`dU]X`ci`h`ghUhi`g`]b`h\Y`ghž`]h`XcYgbfñ`a`YUb`h\Uh`h\Y`Ua`ci`bh]g`bYV\ggUf]m`UddYUfg]b`mci`f`VUb`_`UW\`i`bhž`g]bW`U`hfUbgZYff]b[`dYf]cX`]g`hmd]W\`m`&`hc`" `k`cf_]b[`XUm]g`"

&`"Í`7`c`f`f`Y`V\]cbgÍ`hUV`

H\Y`gh`h\YfY`W`bH]bg]hYa`g`k`\]W\`UfY`h\Y`W`ffYV\]b[`Ua`ci`bhg`cZ`YffcbYci`g`mdU]X`cf`cj`YfdU]X`]hYa`g`Zcf`Y]h\Yf`fYUgcbž`]"Y""`]b`h\]g`W\gY`h\Y`]bgh]hi`h]cb`hfUbgZYfg`a`cbYmZcf`mci`VYV\i`gY`mci`Uj`Y`Ub`cj`YfdUma`Ybh`cf`Ub`dU]X`]hYa`k`\]W\`mci`g\`ci`X`bñi`Uj`Y`VYYb`dU]X`Uh`U`"

:]b Ub W]U`c d h]c b g

<YfY'mci`Wb]j]Yk`UbX'a cX]ZmU`mci f`Z]bUbW]U`gYH]b[`g`H\Y`XUH`fY`Uh]b[`hc`j`Uf]ci`g`Z]bUbW]U`
]ggi`Yg`UddYUf`cb`gYj`YfU`hUVg"

%`6Ub`_`UWV`i`bhg

<YfY'mci`Wb`c]Yfj]Yk`H\Y`VUb`_`UW`W`bhg`h`Uh`mci`_`Uj`Y`Ugg][`bYX`hc`BYdhi`bž`UbX`]Z`mci`f`
]bgh]hi`h]cb`dYfa`]H\YX`]hž`YfY'mci`Wb`fY[]ghYf`U`bYk`VUb`_`UWV`i`bhž`UbX`a`cX]Zmcf`XY`YH`Ub`
YI`]gh]b[`cbY`"M`i`Wb`fY[]ghYf`U`bYk`VUb`_`UWV`i`bh]b`h\Y`dcd!`i`d`k`]bXck`X]gd`UmYX`UžYf`W]W]b[`
"5XX`bYk`VUb`_`UWV`i`bh`Vi`Hcb`"H\Y`"8YZUj`h`VUb`_`UWV`i`bh`W`Y`Vcl`]g`cZ`gdYV]U`]a`d`cfH]bWVž`
Ug`BYdhi`b`k`]`hfUbgZyf`U`dUma`Ybhg`hc`h\Y`ghi`XYbh]b`Z]j`ci`f`cZ`h`Uh`VUb`_`UWV`i`bh`h`YfY`ZcfY`]Z`
mci`_`Uj`Y`U`dcgg]V`]Hm`h`a`cX]Zm`h`]g`cdh]cbž`hU`_`Y`h`]g`]b`hc`V`ébg]XYfUh]cb`"

Hc`a`cX]ZmU`VUb`_`UWV`i`bhž`W]W]`"A`cX]Zm`]"b`h`Y`fck`cZ`h\Y`UWV`i`bh`"

&`"DUf`hb`Yfg

H\]g`hUV`gYfj]Yg`Zcf`dUf`hb`Yf`XUH`a`UbU[`Ya`Ybh`DUf`hb`Yfg`UfY`df]j`UhY`dYcd`Yž`UbX`h\]g`]gh`g\ci`X`
V`ébhU]b`dYcd`Yf]b`Ua`Yg`Zcf`k`ca`]b`h\Y`Z`hi`fY`mci`]bhYbX`hc`cVhU]b`]bj`c]W]g`cZ`mci`f`dUma`Ybhgž`cf`
Zcf`k`ca`mci`k`Ubh`hc`UW`i`]fY`U`HUI`W`f`h]Z]W]hY`f`cb`m`Zcf`W`cgY`fY`Uhj]Ygk`"M`i`mci`fgY`Z`]g`fY[]ghYfYX`
Ui`hca`Uh]W]m`Ug`U`dUf`hb`Yf`]b`W]gY`mci`k`Ubh`hc`UW`i`]fY`Ub`]bj`c]W]cf`U`HUI`W`f`h]Z]W]hY`Zcf`mci`f`
bUa`Y`"

5HH9B`H=C`B`"5dUf`h]Z`ca`fY[]ghf`Uh]b[`gca`YVc`Xm`Ug`U`dUf`hb`Yfž`mci`_`Ugc`_`Uj`Y`hc`b`ch]Zm`h\Y`BYdhi`b`
gmgh`Ya`cZ`h\Y`XYH]j]g`h`Uh`Uh`k`_`]W`dUma`Ybhg`UbX`]b`k`_`]W`d`f`c`d`c`f`h]cb`mci`k`Ubh`h`Uh`dUf`hb`Yf`hc`VY`
V`ébg]XYfYX`Ug`U`dUmYfž`UbX`k`_`Y`h`Yf`mci`k`Ubh`U`HUI`W`f`h]Z]W]hY`hc`VY`]ggi`YX`Zcf`h\Y`bUa`Y`cZ`
dUf`hb`Yfž`]Z`_`Y`g`_`Y`]g`U`W`cgY`fY`Uhj]Y`"5`dUf`hb`Yf`a`UmVY`Ugg][`bYX`hc`U`dUma`Ybh]b`h\Y`"DUma`Ybh`
X]ghf]Vi`h]cb`fi`Yg`"hUVž`cf`cb`h\Y`DUma`Ybhg`gWY`Yb`Vm`W]W]b[`h\Y`"DUmYf`"V`é`i`a`b`cZ`Ub`]hYa`/`HUI`
W`f`h]Z]W]hY`g`a`UmVY`WU]a`YX`Vm`W]W]b[`h\Y`"HUI`W`f`h]Z]W]hY`"hUV`"

`"C`f[`Ub]n`Uh]cb`g

<YfY'mci`Wb`gY`YV`cf[`Ub]n`Uh]cb`g`Z`ca`h\Y`"gh`a`U]b`H]b]YX`Vm`h\Y`Ya`d`cmY`Yg`cZ`h\Y`]bgh]hi`h]cbž`Zcf`
k`_`]W`mci`k`Ubh`hc`fYei`Ygh]bj`c]W]g`cZ`mci`f`dU]X`ZY`Yg`K`_`Y`b`W]W]b[`BYk`cf[`Ub]n`Uh]cb`ž`h\Y`"gh`cZ`
h\Y`Uj`U]UV`Y`cf[`Ub]n`Uh]cb`g`k`]`VY`X]gd`UmYXž`UbX`k`_`Y`b`mci`W]W]`h\Y`hcd`f][`h`gY`UfVX`]V`é`b`U`
Vfck`gYf`UddYUfg`<YfY`Z`ca`X`fcd!`Xck`b`a`Ybi`mci`Wb`gY`YV`k`_`]W`XUH`cZ`h\Y`cf[`Ub]n`Uh]cb`mci`
k`Ubh`hc`gYUfVX`ž`h`Yb`YbhYf`h\Y`hYI`hž`UbX`W]W]`"GYUfVX`"5Z`Yf`h\]gž`h\Y`"gh`k`]`V`é`bhU]b`cb`m`h\Y`
cf[`Ub]n`Uh]cb`g`k`_`]W`a`Y`h`h\Y`gYUfVX`W]hYf]U`"GYUfVX`]g`b`ch`W]gY!`gYbg]h]j`Y`UbX`Wb`VY`W]ff]YX`ci`h`
U`gc`Zcf`k`cfX`ZfU[`a`Ybhg`"Z`mci`k`Ubh`hc`gY`h\Y`k`_`c`Y`"gh`U[`U]bž`W]W]`"GYUfVX`"UbX`YUj`Y`Ya`d`hm`
h\Y`"HYI`h`hc`gYUfVX`Zcf`"Z]Y`X`"M`i`Wb`UXX`h\]g`cf[`Ub]n`Uh]cb`hc`mci`f`cf[`Ub]n`Uh]cb`g`Vm`W]W]b[`
"GY`YV`]"b`h\Y`"Ugh`V`é`i`a`b`cZ`h\Y`fck`cZ`h\Y`gY`YV`YX`cf[`Ub]n`Uh]cb`"

5HH9B`H=C`B`"G`l`ci`X`b`B`mci`Z]bX`h\Y`cf[`Ub]g`Uh]cb`X]gd`UmYX`]b`h\Y`"gh`hc`h\Y`bUa`Y`cZ`k`_`]W`mci`
]bhYbX`hc`UW`i`]fY`]bj`c]W]g`cZ`mci`f`dUma`Ybhgž`d`YUgY`V`é`bhU]b`h\Y`9Xi`W]h]cb`5Xa`]b]ghf`Uh]cb`CZ]W`"

5HH9B`H=C`B`"5dUf`h]Z`ca`UXX]b[`Ub`cf[`Ub]n`Uh]cb`hc`h\cgY`cZ`mci`f`ck`bž`mci`g`l`ci`X`b`ch]Zm`BYdhi`b`cZ`
h\Y`ZUW`h`Uh`Uh`k`_`]W`dUma`Ybhg`UbX`hc`k`_`]W`d`f`c`d`c`f`h]cb`mci`]bhYbX`hc`V`é`bg]XYf`h`Uh`cf[`Ub]n`Uh]cb`
Ug`U`dUmYf`"5b`cf[`Ub]n`Uh]cb`a`UmVY`Ugg][`bYX`hc`U`dUma`Ybh]b`h\Y`"8]ghf]Vi`h]cb`fi`Yg`"hUV`cf`cb`h\Y`
DUma`Ybhg`gWY`Yb`Vm`W]W]b[`h\Y`"DUmYf`"V`é`i`a`b`cZ`Ub`]hYa`/`HUI`W`f`h]Z]W]hY`g`a`UmVY`WU]a`YX`Vm`
W]W]b[`h\Y`"HUI`W`f`h]Z]W]hY`"hUV`"

(`"DUma`Ybh`X]ghf]Vi`h]cb`fi`Yg`

H\]g`hUV`mci`Wb`UXX`fi`Yg`hc`YUW`gYa`YghYf`Vm`k`_`]W`]b`h\Y`W`ffY`bh`gYa`YghYf`h\Y`gmgh`Ya`k`]`
`UbX`Y`h\Y`dUm]b]gž`k``YfY`dUma`Ybh`X]ghf]Vi`h]cb`]g`dYfa`]H\YX`Vm`h\Y`]bgh]hi`h]cb`UbX`cZ`k`_`]W`]bj`c]W]`
]g`U`ck`YX`hc`VY`]ggi`YXž`h\Y`]ggi`YX`]bj`c]W]g`k`]`V`é`bhU]b`h\Y`dUmYf`f]b`Ua`Y`]b`h\Y`d`f`c`d`c`f`h]cb`cf`i`d`hc`
h\Y`gdYV]Z]Y`]a`]h]bX]W]hYX`Vm`h\Y`X]ghf]Vi`h]cb`fi`Yg`"

9`["`mci`UXX`U`X]ghf]Vi`h]cb`fi`Y`h`Uh`h\Y`Z]fa`ž`k`_`]W`V`é`j`Yfg`_`U`Z`cZ`mci`ZY`gž`g`l`ci`X`fYVW]j`Y`Ub`
]bj`c]W]YI`UW`mci`Z`h`Uh`Ua`ci`bh`"

K`_`Y`b`mci`W]W]`"5XX`bYk`ž`U`gWY`Yb`]g`X]gd`UmYX`Zcf`fY[]ghYf]b[`h\Y`X]ghf]Vi`h]cb`fi`Y`":`]fgh`mci`_`Uj`Y`
hc`gYh`h\Y`gYa`YghYf`Zcf`k`_`]W`h\Y`fi`Y`k`]`VY`Udd`]YX`"b`h\Y`"8]ghf]Vi`h]cb`hmdY`"Z]Y`X`mci`Wb`XYZ]bY`
h`Uh`h\Y`dUmYf`fYVW]j`Y`Ub`]bj`c]W]cZ`U`W`f`h]b]dYfW`bh`cZ`U`Udd`f`c`d`f`UhY`]hYa`g`fDY`fW`bHU[`Y`éž`cf`i`d`
hc`U`W`f`h]b]Ua`ci`bh`f]5a`ci`bh`"

6migY'YVh]b['h\Y'hk c'V\YV\ 'Vcl Yg'mci 'Wb'XYZ]bYz'k \Yh\Yf'Ub']bj c]W'cf'U'hUl 'Wfh]Z]WWh'y'g\ci 'X VY']ggi YX'Zcf'h Uh'dUmYf"

=b'h\Y'Z]Y'X'cZDUmYf'hmdY'mci '\Uj Y'hc'gY'YVh'k \Yh\Yf'h\Y'fY[]ghYfYX'dUmYf']g'U'df]j UhY'dYfgcb'fU DUfHbYfE'cf'U''Y[U'Yb]h]m'fU'Ub'cf[Ub]nUh]cbE'" =b'Vch' W\gYg'z'k \Yb'mci 'W]W\ 'h\Y'Y'']dg]g'bYI h'hc'h\Y DUmYf]g'Z]Y'X'z'h\Y'']gh'cZcf[Ub]nUh]cbg'cf'dUfHbYfg'Ugg][bYX'hc'mci 'k]''VY'cUXYX''K \Yb'h\Y'UVcj Y XUHU'gY'YVh'X'z'U''ch\Yf'Z]Y'Xg'k]''VY'Z]Y'X'Ui hca Uh]W\ 'mVmBYdhi b'UbX'h\Yb'z']ZU''XUHU']g'W'ffYVWz W]W\ ''Guj Y''UbX'h\Y'X]ghf]Vi h]cb'fi 'Y'k]''VY'Ugg][bYX'hc'mci f'gY'YVh'X'gYa YghYf"

Hc'XY'Yh'U'X]ghf]Vi h]cb'fi 'Yz'a Uf_ 'h\Y''8Y'Yh''W'ci a b'cZ'h\Y'fi 'Yg'hUh'mci 'k Ubh'hc'XY'Yh'z'UbX W]W\ ''8Y'Yh''"

) " HUI 'Wfh]Z]WWhY

H\Y'hUl 'Wfh]Z]WWh'y' hUv'YbUV'Yg'mci 'hc']bX]WWh'y'k \Yh\Yf'mci 'fYei]fY'U'hUl 'Wfh]Z]WWh'y'Zcf'U' []j Yb HUl 'mYUfz'UbX']Z'mYg'z'k \Uh'hmdY'cZ]h'UbX'Zcf'k \ca "'5' HUl 'Wfh]Z]WWh'y'Zcf'U'WfhU]b'mYUf'g\ci 'X'VY fYei]fYX'i bh]'>Ubi Ufm%) h'cZ'h\Y'gi VgYei Ybh'mYUf'" =h'a YUbg'hUh'Zcf'mci f'dUm]bg']b'mYUf'&\$\$, mci '\Uj Y'hc'fYei]fY'U'hUl 'Wfh]Z]WWh'y' i bh]'>Ubi Ufm%) h'z'&\$-\$- 'Uh'h\Y''UhYgh"

Hc'fY[]ghYf'U'bYk 'HUI 'Wfh]Z]WWh'y'z'W]W\ ''B Yk ']'bY'z']b'h\Y'X]gd'UmYX'dcd! i d'k]bXck 'YbhYf'h\Y'mYUf Zcf'k \]W'U'hUl 'Wfh]Z]WWh'y']g'fYei YghYX'z'h\Yb'W]W\ 'h\Y'Y'']dg]g'bYI h'hc'h\Y'Z]Y'X'cZ'h\Y'VYbYZ]WUfmcZ h\Y''HUI 'Wfh]Z]WWh'y''hc']j]Yk 'h\Y'']gh'cZmci f'ck b'dUfHbYfg"< YfY'h\Y'cf[Ub]nUh]cbg'UfY'bchUj U]UV'Y g]bW' h']h]cbg'Wb'VY'fYei YghYX'cb'mZcf'hc'df]j UhY'dYcd'Y"

H\Y'f'fYei Ygh'Zcf'dcghdcbYa Ybh' 'Vcl ']g'gYbg]V'Y'hc'VY'a Uf_YX'cb'm]Z'h\Y'dUfHbYfz'k \c'fY[]ghYfYX Zcf'h\Y']ggi Y'cZ'HUI 'Wfh]Z]WWh'y'z'Ug'h\Y'gh' XYbh'\]a gY'Z#A YfgY'Z]g'h\Y'cb'm]bX]j]Xi U'k \c']g'U'ck YX hc'fYei Ygh'U'hUl 'Wfh]Z]WWh'y'Uz'hYf'\Uj]b['Z]b]g\YX'\]g#A Yf'gh' X]Yg'Zcf'U''h\Y'YUf']Yf'gYa YghYfg'hUh \Y#g\Y'\UX'W'a d'YhYX'Ug'U'gh' XYbh'

=b Zc f a Uh]c b

DYf]cXg

H\]g'gWYYb'WŁbHJ]bg'h\Y'a cfY'ja dcfhUbh'dYf]cXg'Vm'gYa YghYfgž'gi W'Ug'YI Ua 'fY[]ghfUh]cbž'gi V'YVh
fY[]ghfUh]cbž'dfY'a]bUfm'gi V'YVh'fY[]ghfUh]cbž'WŁi fgY'fY[]ghfUh]cb'UbX'fY[]ghfUh]cb'dYf]cXg"

GYUfWk Zcf'ghi XYbhg

=b'h\]g'gWYYb'mci 'WUbb'Z]bX'ch\Yf'ghi XYbhg:]b'h\Y'gmghYa 'Vmih\Y]f'fYgdYVW]j Y'BYdhi b'WtXYz'bUa Yz
Y!a U]'UXXfYggz'cf'd\cbY'bi a VYf"

5HH9BH=C B' 'mci 'WUbb'cb'mZ]bX'h\cgY'ghi XYbhg'k \c'\Uj Y'dYfa]hYX'h\]g'cb'h\Y'GYUfWk
Ui h\cf]nUh]cb]'hUV]'b'h\Y'DYfgcbU'XUH]P'GYH]b[g]'a Ybi "

%"GYUfWk Zcf'ghi XYbhg

:]''b'Uh'YUgh'cbY'cZ'h\Y'Z]Y'Xg:]b'h\Y'gWYYbž'UbX'W]W' "GYUfWk ""GYUfWk 'k cf_g'Zcf'k cfX'ZFU[a Ybhg
Ug'k Y''/]'b'gi W'WUgYg'h\Y'gmghYa 'X]gd'Um]U''dYcd'Y'k \cgY'Uthf]Vi hYg'Wt'bhU]b'h\Y'YbhYfYX'hYI h
ZFU[a Ybh'

&"J]Yk 'h\Y'VUg]WXUH'cZ'U'ghi XYbh

FYgi 'hg'WUbb'VY'j]Yk X:]b'h\Y'gh'cb'Vchca 'cZ'h\Y'gWYYb"K \Yb'W]W]b['hc'h\Y'fck 'cZ'h\Y'ghi XYbh
Wt'Wf'fbYXz'h\Y'VUg]WXUH'cZ'\]a #\Yf'WUbb'VY'j]Yk YX"

' "GYbX]b['a YggU[Y'hc'U'gdYV]Z]Wghi XYbh

K \Yb'mci 'W]W]b['hc'h\Y'GYbX'a YggU[Y]'b_']b'h\Y']bY'cZ'fYgi 'hgž'mci 'WUbb'U'gc'gYbX'U'a YggU[Y
hc'h\Y'ghi XYbh:]b'ei Ygh]cb"=b'gi W'WUgYg'h\Y'BYdhi b'WtXY'cZ'fYV]d]Ybh'k]''VY'Z]'YX']b
Ui hca Uh]W]'m'Vmih\Y'gmghYa "

GYUfVX 'Zcf'hYI hVcc_g

H\]g'gWYYb'U'ck'g'mci'hc'gYUfVX'Zcf'hYI hVcc_g'gUj'YX']b'h\Y'gmghYa'UWVfX]b['hc'fY[]ghYfYX
gi'V'YVWgZ'Ui'h\cffgŁ'h]hYz'Ub[i'U[Yz'_Ymk'cfXz'UbX'hYI hVcc_'hmdY"

K \Yb'gYUfVX]b['Zcf'U'hYI hVcc_'z'YbhYf'hY'_bck'b'XUHJ']bhc'h\Y'WdffYgdcbX]b['Z]Y'X'cZ'h\Y'Vfck'gYf
h\Yb'W]W_ 'GYUfVX'GYUfVX'k'cf_g'Zcf'dUfh]U'k'cfXg'Ug'k'Y''/']b'gi'VX'W]gYg'h\Y'gmghYa'X]gd'Umg'U'
fYgi'hg'k \YfY'h\Y'gY'YVWYX'Z]Y'X'WbHJ]bg'h\Y[]j'Yb'hYI h'ZFU[a'Ybh"

K \Yb'mci'W]W_ 'U'hYI hVcc_'fck']b'h\Y'UddYUf]b[''ghz'U'dcd! i'd'k]bXck'UddYUfg'k \]VX'g\ck'g'h\Y
XYHJ]g'cZ'h\Y'hYI hVcc_'WbWfbyX"

5XX]h]cbU`GYfj]Wg

H\]g'a Ybi`YbUV`Yg'mci`hc`bUj] [UhY`hc`h\Y`cZZ]WU`k YVg]hY`cZ]H]gnhUgncZj Yf`f@Y [U`GcZk UfYŁż
k \YfY`Z`fh\Yf`]bZcfa Uh]cb`Wb`VY`cVhU]bYX`UVci`hidi`fV\Ug]b [`gcZk UfY`k]h\]b`h\Y`dfc [fUa`ž`UbX`mci`f
JcXUZcbY`WfX`VU`UbW`Wb`VY`hddYX`i`d`Ug`k`Y`j]U`h\Y`=bhYfbYh"

5HH9BH=CB`G\ci`X`mci`Uj`Y`UbmZ`fh\Yf`ei`Ygh]cbg`fY`Uh]b [`hc`h\Y`H]gnhUgncZj Yf`dfc [fUa`ž`d`YUgY
Xc`bch`Yg]hUhY`hc`Wbgi`h`h\Y`Wb`hUW`dYfgcbg`k`cgY`XYhU]g`UfY`]bX]WWhYX`cb`h\Y`k`YVg]hY"

%`7Ua`di`g`dfc [fUa`

:`cf`Z`fh\Yf`]bZcfa Uh]cb`UVci`h`h\Y`7Ua`di`g`dfc [fUa`ž`W]W`cb`h\Y`H]gnhUgncZj Yf`Vi`h`cb"

&"`JcXUZcbY`WfX`hcd!`i`d`

=Z`mci`Uj`Y`U`a`cV]Y`d\cbY`k]h`U`JcXUZcbY`gi`VgW]dh]cb`UbX`k`Ubh`hc`hcd`i`d`mci`f`VU`UbW`ž`W]W`
cb`JcXUZcbY`WfX`hcd!`i`d`M`i`k]`VY`hf`UbgZyffYX`hc`U`k`YVg]hY`k`YfY`mci`Wb`hcd`i`d`mci`f`WfX`
j]U`h\Y`=bhYfbYhVmiZ`ck]b [`h\Y`]bghfi`W]cbg"

5 X a]b]ghf Uh]c b

F Y []ghfUh]c b

<Yf' mci 'Wb' c] Yfj]Yk' mci f' fY []ghfUh]cb' fYei Yghg' gi Va]hYX' Zcf' mci f' d' fYj]ci g' gYa YghYf' gZ' UbX']b h']g' gWYf' Yb' mci 'Wb' U' gc' gi Va]h' mci f' fY []ghfUh]cb' fYei Ygh' Zcf' h' Y' bYi h' gYa YghYf''

5 HH9B H=C B " Bc' fY []ghfUh]cb']g' d' cgg]V' Y' i b' Ygg' h' Y' fY []ghfUh]cb' d' Yf]cX']g' c' d' Yb' Zcf' h' Y' h' fU]b]b [' H']g Wb' VY' W' Y' W' Y' X']b' h' Y' " =b' Zcf' a' Uh]cb' P' D' Yf]cX' g' " a' Ybi " H' Y' " F' Y []ghYf' " Vi h' c' b' U' d' d' Y' U' f' g']b' h' Y' g' W' Y' Y' b' c' b' m']Z' h' Y' f' Y []ghfUh]cb' \ U' g' V' Y' Y' b' c' d' Y' b' Y' X' z' U' b' X' h' Y' W' f' f' Y' b' h' X' U' h' Y']g' V' Y' h' Y' Y' b' h' Y' g' h' U' f' h' U' b' X' h' Y' Y' b' X' X' U' h' Y' c' Z' h' Y' d' Yf]cX''

8 YdYbX]b [' cb' h' Y']bgh]h' h]cbf' g' Y' h]b [gZ' fY []ghfUh]cb' a' UmVY' d' Yf' Zcf' a' YX']b' h' c' k' Umg. ! ' Vm' U' d' d']W' h]cb' z' ! ' Ui' h' ca' U' h]W' " m' !

=Z' mci ' fY []ghYf' Vm' U' d' d']W' h]cb' z' fY [U' f' X' Y' g' g' c' Z' h' Y' Z' U' V' h' k' \ Y' h' Y' f' h' Y' g' h' i' X' Y' b' h' \ U' X' h' c' Z']']b' U' fY []ghfUh]cb' g' \ Y' h' c' f' b' c' h' E' U' b' U' d' d']W' h]cb' d' f' c' W' X' i' f' Y []g' g' h' U' f' h' Y' X' z' U' b' X' i' b' h']' mci f' U' d' d']W' h]cb' Zcf' fY []ghfUh]cb' U' W' W' d' h' X' c' f' f' Y' Y' W' Y' X' z' U' h' h' Y' g' h' U' h' g' c' Z' h' Y' d' U' f' h]W' U' f' g' Y' a' Y' g' h' Y' f' k']' " V' Y' P' D' Y' b' X']b [' I' "

=Z' h' Y' f' Y []ghfUh]cb' k']' " V' Y' d' f' c' W' Y' X' Y' X' " U' i' h' ca' U' h]W' " m' z' U' g' c' f' Y [U' f' X' Y' g' g' c' Z' h' Y' Z' U' V' h' k' \ Y' h' Y' f' U' fY []ghfUh]cb' g' \ Y' h' Z']' Y' X']b' c' f' b' c' h' z']b' h' Y' Y' b' X' c' Z' fY []ghfUh]cb' d' f' c' W' X' i' f' Y' h' Y' g' m' g' h' Y' a' k']' " U' i' h' ca' U' h]W' " m' U' W' W' d' h' h' Y' g' h' i' X' Y' b' h' f' Y []ghfUh]cb' z' U' b' X' h' Y' g' h' U' h' g' c' Z' h' Y' d' U' f' h]W' U' f' g' Y' a' Y' g' h' Y' f' k']' " V' Y' P' D' Y' b' X']b [' I' "

% " F Y []ghfUh]c b' d' f' c' W' g' g'

Hc' fY []ghYf' z' W]W' " F Y []ghfUh]cb' " " H' Y' b' z']b' U' d' c' d' ! i' d' k']b' X' c' k' mci ' \ U' j' Y' h' c' X' Y' W' U' f' Y' k' \ Y' h' Y' f' h' c' fY []ghfUh]cb' h' c' h' Y' W' f' f' Y' b' h' g' Y' a' Y' g' h' Y' f' Vm' " 5 W' h] Y' " c' f' " D' U' g' g']' Y' " g' h' U' h' g' " 5 Z' h' Y' f' \ U' j']b [' g' Y' W' Y' X' h' Y' f' Yei]f' Y' X' g' Y' h]b [z' W]W' " G' U' j' Y' "

5 HH9B H=C B " =Z' mci ' \ U' j' Y' b' h' f' Y []ghYf' Y' X' h' c' U' b' m' g' i' V' Y' W' h' Zcf' h' Y' g' Y' a' Y' g' h' Y' f' Vi' h' mci ' k' U' b' h' c' V' Y' fY []ghYf' Y' X' h' c' h' Y' h' f' U]b]b [' k']h' " 5 W' h] Y' " g' h' U' h' g' z' mci ' k']' " V' Y' U' g' _ Y' X' Vm' h' Y' d' f' c' [f' U' a' h' c' W' e' b' Z' f' a' k' \ Y' h' Y' f' mci ' k' U' b' h' c' W' e' b' h]bi' Y' h' Y' f' Y []ghfUh]cb' d' f' c' W' g' g' " =b' h']g' W' U' g' Y' h' Y' z' b' W' h]cb' c' Z' h' Y' " 7 U' b' W' " Vi h' c' b' a' Y' U' b' g' h' U' h' h' Y' f' Y []ghfUh]cb' k']' " b' c' h' V' Y' W' e' a' d' Y' h' Y' X' z' g' c' V' Y' Zcf' Y' X' c']b [' h' Y' f' Y []ghfUh]cb' z' mci a' Um' f' Y []ghYf' mci f' g' i' V' Y' W' g' " =Z' mci ' W]W' " C' ? " z' mci ' W' b' W' e' b' h]bi' Y' h' Y' f' Y []ghfUh]cb' " C' V']ci g' n' z' mci W' b' U' gc' f' Y []ghYf' mci f' g' i' V' Y' W' g' U' z' h' Y' f' h']g''

=b' g' ca' Y' W' U' g' Y' g' z' h' Y' f' Y []ghfUh]cb' a' Y' h' c' X' a' Um' U' gc' X']Z' Z' Y' f' Vm' h' Y' Z' U' V' h' k' \ Y' h' Y' f' h' Y']bgh]h' h]cb' W' U' f' f']Y' g' ci' h' h' Y' f' Y []ghfUh]cb' c' Z' g' h' i' X' Y' b' h' g' k']h' c' f' k']h' ci' h' U' f' Y []ghfUh]cb' g' \ Y' Y' h''

& " F Y []ghfUh]c b' k']h' \ fY []ghfUh]cb' g' \ Y' Y' h'

5 g' U' f' Y' gi' h' c' Z' h' Y']bgh]h' h]cbf' g' Y' h]b [g']h' a' Um' \ U' d' d' Y' b' h' U' h' h' Y' g' h' i' X' Y' b' h' z' U' z' h' Y' f' \ U' j']b [' gi' Va]h' Y' X' h' Y' X' Y' W' U' f' U' h]cb' c' b' h' Y' g' Y' a' Y' g' h' Y' f' g' h' U' h' g' z' U' g' c' g' \ ci' X' Z']']b' U' f' Y []ghfUh]cb' g' \ Y' Y' h' " =b' h' Y' f' Y []ghfUh]cb' g' \ Y' Y' h' k']b' X' c' k' mci ' g' \ ci' X' W' Y' W' mci f' h' Y']b' Zcf' a' U' h]cb' c' Z' d' Y' f' g' c' b' U' X' U' h' z' h' f' U]b]b [' c' f' g' Y' a' Y' g' h' Y' f' z' U' b' X']b' g' ca' Y' W' U' g' Y' g' z' mci ' U' f' Y' U' c' k' Y' X' h' c' Y' X']h' h' Y' X' U' h' U' " 5 Z' h' Y' f' V' e' a' d' Y' h]b [' h']g' z' mci ' W' b' W' e' b' Z' f' a' mci f' f' Y []ghfUh]cb' Vm' W]W']b [' " F' Y []ghfUh]cb' " " 5 Z' h' Y' f' h']g' z' X' Y' d' Y' b' X']b [' c' b' k' \ Y' h' Y' f' h' Y' f' Y []ghfUh]cb' \ U' g' V' Y' Y' b' W' e' a' d' Y' h' Y' X' Vm' U' d' d']W' h]cb' c' f' U' i' h' ca' U' h]W' " m' z']b' h' Y' g' h' U' h' g' c' Z' h' Y' []j' Y' b' g' Y' a' Y' g' h' Y' f' h' Y' h' Y' h' " 5 W' W' d' h' Y' X' " c' f' " D' f' c' W' g' g']b [' " k']' " V' Y' X']g' d' U' m' Y' X' "

' " Df]bh' fY []ghfUh]cb' g' \ Y' Y' h'

H' Y' ' 9' Xi' W' h]cb' 5' X' a']b]ghfUh]cb' C' Z' Z' W' a' Um' f' Yei]f' Y' h' U' h' mci ' g' \ ci' X' gi' Va]h' U' g']b' Y' X' W' e' d' m' c' Z' mci f' f' Y []ghfUh]cb' g' \ Y' Y' h' c' h' Y']bgh]h' h]cb' " : c' f' h']g' f' Y' U' g' c' b' z']h']g']a' d' c' f' h' U' b' h' c' b' c' h' Y' h' U' h' h' Y' f' Y []ghfUh]cb' g' \ Y' Y' h' W' e' i' X' V' Y' d' f']b' h' Y' X' Y']h' Y' f' X' i' f']b [' h' Y' f' Y []ghfUh]cb' d' f' c' W' g' g' c' f' U' z' h' Y' f' k' U' f' X' g' Vm' W]W']b [' h' Y' " F' Y []ghfUh]cb' g' \ Y' Y' h' "]b_]b' h' Y' f' Y []ghfUh]cb' f' Yei Y' g' h' g' W' Y' Y' b' " =b' Y']h' Y' f' W' U' g' Y' g' z' W]W' " Df]bh' d' f' Yj]Yk' " z' U' b' X']b' h' Y' d' c' d' ! i' d' k']b' X' c' k' g' Y' W' h' Y' " Df]bh' " c' d' h]cb''

8 cfa]hcfmUdd`]WU]cb

H\]g']bhYfZUWV`U`ck g'mci`hc`Udd`mZcf`U`Xcfa`]hcfm]b`h\Y`W`ffYbh'g][b! i`d`dYf]cX`UbX`hc`W\YW`h\Y`Udd`]WU]cb`dc]bhg'mci` \Uj`Y`fYVW`j`YX"

%`GY`YVW`idYf]cX`UbX`hfU]b]b[

H\Y`]gh`Uh`h\Y`hcd`cZ`h\Y`dU[`Y`X]gd`Umj`h\Y`Xcfa`]hcfmUdd`]WU]cb`dYf]cXg`Uj`U]UV`Y`hc`h\Y`gh`XYbh`7`]W`h\Y`GY`YVW`Vi`Hcb`bYI`h`hc`U`gdYVWZ]WdYf]cXZ`UbX`cb`h\Y`5dd`]WU]cb`XYHJ]g`hUV`h`Uh`UddYUfg`i`gY`h\Y`Xfcd!`Xck`b`]gh`hc`gY`YVW`h\Y`hfU]b]b[`Zcf`k` \]W`mci`UfY`fY[]ghYfYX`H\Yb`W]W`5dd`m`"

&`8cfa`]hcfmUdd`]WU]cb

Cb`h\Y`8cfa`]hcf]Yg`hUV`h`i`g`UVW]`UhYXZ`W]W`5dd`m`bYI`h`hc`U`gdYVWZ]WXcfa`]hcfmhc`gi`Va`]h`mci`f`Udd`]WU]cb`hc`h\Y`dUfh]W`Uf`]bgh]h`h]cb":`cf`h\Y`gUa`Y`dYf]cX`mci`a`UmigY`YVW`a`cfY`h`Ub`cbY`Xcfa`]hcfmZ`k` \]W`mci`WUb`fUb`_`i`g]b[`h\Y`V`i`Y`Uffck`g`Uh`h\Y`hcd`cZ`h\Y`]ghZ`UbX`Z]bU`m`mci`WUb`fYW`fX`mci`f`Udd`]WU]cb`VmW]W]b[`h\Y`GUj`Y`fUb`_`Vi`Hcb"

'`7UbW`Xcfa`]hcfmUdd`]WU]cb` =Z`mci`W\Ub[`Y`mci`f`a`]bXZ`W]W`7UbW`bYI`h`hc`h\Y`fY`Yj`Ubh`Xcfa`]hcfmhc`gi`Va`]h`mci`f`WUbW`Uh]cb`Zcf`]h"

6mW]W]b[`7UbW`cb`h\Y`5dd`]WU]cb`XYHJ]g`hUVZ`mci`WUb`WUbW`U`Xcfa`]hcf]Yg`mci` \Uj`Y`g][`bYX!`i`d`Zcf`hc`h\]g`dc]bh"

GY`YWh'gdYWU`]nUh]c b

H\]g'gWYyb'gYfj Yg'Zcf'fY[]ghfUh]cb'hc'U'gdYWU`]nUh]cb'k]h\]b'h\Y'gdYWU`]nUh]cb'gY'YWh]cb'dYf]cX'UbX Zcf'gYh]b['gY'YWh]cb'dcg]h]cbg"

GdYWU`]nUh]cb'g][bYX'i d'Zcf']g'bchX]gd'UmYX'\YfY'Vi h']b'h\Y'a Ybi 'f'Gh' X]Yg] 'i bXYf'gi Va Ybi f'HfU]b]b['XUHJ'"

GY`YWh]b['UbX'gcfh]b['cZ'gdYWU`]nUh]cb'Zcf'g][bi d

5g'U'Z]fgh'ghYdZ'Zfca 'h\Y`]'gh'cZ'gdYWU`]nUh]cb'fY[]ghfUh]cb'dYf]cXg'gY'YWh'U'gdYWU`]nUh]cb'fY[]ghfUh]cb'dYf]cX'VmW]W]b['hc'f'GY'YWh']b'h\Y'fck 'cZdYf]cXg']b'k \]W']mci 'k Ubh'hc'fY[]ghYf"

=b'h\Y`]'gh'cZ'f5j U]UV'Y'gdYWU`]nUh]cbg] 'mci 'k]'VY'X]gd'UmYX'h\Y'gdYWU`]nUh]cbg]mci f'a UmUdd'm'Zcf fY[]ghfUh]cb'k]h\]b'h\Y'gY'YWh'X'dYf]cX'"6mW]W]b['hc'f'Gh' XYbhg] ']b'h\Y`]'gh'mci 'a Umj]Yk'h\Y`]'gh'cZ fY[]ghYfYX'ghi XYbhg'Zcf'h\Uh'dUfh]W'Uf'gdYWU`]nUh]cb'"K \Yb'W]W]b['hc'f'G][bi d] ']b'h\Y`]'gh'h\Y VefYgdcbX]b['gdYWU`]nUh]cb'k]'VY'UXXYX'hc'h\Y`]'gh'cZ'f'GY'YWh'X'gdYWU`]nUh]cbg] 'Uh'h\Y'Vchca 'cZ dU[Y"

GY'YWh'X'gdYWU`]nUh]cbg'a UmVY'gcfhYX'fYei]fYX'Vm'mci 'Vm'h\Y'f'f' d] 'UbX'f'8ck b] 'Vi Hhcbg'cb'h\Y hcd'cZ'h\Y`]'gh' 'H\Y'dcg]h]cb'gYh'\YfY'k]'g\ck 'mci f'k]g\ 'k \]W']gdYWU`]nUh]cbg'g\ci 'X'VY'fY[]ghYfYX Uh'gh'"&bXz'" fXz'YhW'd'UVW"

=Z'mci 'k Ubh'hc'fYa cj Y'U'gdYWU`]nUh]cb'Zfca 'h\cgY'gY'YWh'X'z'gY'YWh']h']b'h\Y'W]W]Vcl 'cZ'f'8YgY'YWh'gdYWU`]nUh]cb] 'Vc']i a b'h\Yb'W]W] 'hc'h\Y'f'8YgY'YWh'gdYWU`]nUh]cb] 'Vi Hhcb'"H\Yb'h\Y'XYgY'YWh'X'gdYWU`]nUh]cb'k]'VY'fYh'fbYX'hc'h\Y'f5j U]UV'Y'gdYWU`]nUh]cbg] ']'gh"

E i Ygh]cbbU]fYg

H\]g'gWYYb'U'ck g'mci 'hc'Wta d'YhY'ei Ygh]cbbU]fYg'dfYdUfYX'VmH\Y']bgh]hi h]cb'E'hd]W'`mH\Y
ghi XYbhgDcd]b]cb'gi fj YmicZ'YW'i fYfg"

5HH9B H=C B ° 'E i Ygh]cbbU]fYg'UfY'U'k Umg'Wta d'YhYX'Ubcbma ci g'm'

Hc'Wta d'YhY'U'ei Ygh]cbbU]fY'W]W'UbmIdUfhicZ'h\Y'fck'cZ'h\Y'fYei]fYX'ei Ygh]cbbU]fY']b'h\Y']ghz'h\Yb
Ubgk Yf'h\Y'ei Ygh]cbg'X]gd'UmYX']b'h\Y'dcd!i d'k]bXck "':]bU'mW]W' "GYbX"hc'Zc'fk UfX'mci f'cd]b]cb
hc'h\Y']bgh]hi h]cb"C bW'h\Y'cdYfU]cb']g'Wta d'YhYXz'h\Y'ei Ygh]cbbU]fY'k]'X]gUddYUf'Z'fca' h\Y']ghicZ
W ffYbh'ei Ygh]cbbU]fYg"

A YggU[Yg

=b'h]g'gWYYb'mci 'Wb'fYUX'mci f'j]bWca]b['a YggU[Yg'UbX'YfY'mci 'Wb'k f]hY'bYk 'a YggU[Yg'Ug
k Y''K]h]b'BYdhi b'mci 'Wb'fYVW]j Y'a YggU[Yg'Zca 'YXi WWh]cb'UXa]b]ghfUhcfg'cZ\[\ \Yf'YXi WWh]cb
]bgh]h]cbz'Zca 'YVW' fYfgz'Ug'k Y''Ug'Zca 'gh' XYbhg'Zcf'k \ca 'mci 'dYfa]hYX'UWVW'gg]b'hY
'GYHh]b[g''gWYYb'cZa YggU[Yg''6Yg]XYgz'Yj Yb'BYdhi b']hgY'Za UmigYbX'a YggU[Yg'UVci h'gmghYa
Yj Ybhg]Z'mci 'gi VgW]VY'hc'VY'bch]ZYX'cZ'hYgY''H\]g'U'gc'Wb'VY'XcbY]b'hY'Y''GYHh]b[g''a Ybi 'cZ
a YggU[Yg''Mci 'Wb'df]bh'hY'a YggU[Y'']gh'VmW]W]b['hY'df]bhYf']Wbz'UbX'hYb'hY''Df]bh''Vi h'cb
]b'hY'X]gd'UmYX'df]bh'dfYj]Yk 'gWYYb''Mci f'f'bfYUX'a YggU[Yg'k]''UddYUf']b'Vc'X''

%": YUhi fYg'Zcf'j]Yk]b[ž'gYUfW]b['UbX'gcfh]b['a YggU[Yg

=b'WUgY'cZa YggU[Yg'h]g'i gYz''hc'gcfh'hY'']gh]b'XYWYUg]b['cfXYf'VmXUhy'cZ'fYVW]dhz'\ck Yj Yfz
k \Yb'W]W]b['Ubm]ZY'X'cb'hY'\YUXYf'fBYdhi b'WcXYz'GYbXYfz'Gi V'YVWz'F'YVW]j Y'XUHY'c'mci 'Wb'gcfh
hY'WcbbhYbh'cZ'hY'Ya h]fY'']gh'VUgYX'cb'hY'gY'VWYX'ZY'X''H\Y'ZY'X'Vmik \]W'mci f'a YggU[Yg'UfY
gcfhYX']g'X]gd'UmYX']b'U'X]ZYfYbh'Wc'ci f'h'Ub'hY'ch'Yfg'UbX'bYi h'hc'hY'ZY'X'U'ga U''Uffck'g\ck g
hY'gcfh'cfXYf''

Cb'hY'hd'cZ'hY'']gh'mci 'Wb'gYh'\ck 'a Ubmia YggU[Yg'mci 'k Ubh'hc'VY'X]gd'UmYX''G\ci 'X'hY'']gh
VY'Yi hYbXYX'hc'a cfY'h'Ub'cbY'dU[Yz'mci 'a Umh'fb'dU[Yg'Vmi g]b['hk'c!X]fYVW]cbU'Uffck'g'cf'Vm
hY'Xfcd!Xck b'a Ybi ''

6mW]W]b['gYUfW]Wc'bz'U'gYUfW]b'hYfZUW'k]''UddYUf'cb'hY'hd'cZa YggU[Y'']gh'<YfY'Zca 'Xfcd!
Xck b'a Ybi 'gY'WY'k \]W'a YggU[Y']bZca Uh]cb'mci 'k Ubh'hc'gYUfW]z'YbhYf'hY'hYi h]b'hY'ZfY'Xz'UbX
W]W]''GYUfW''''5Zhf'h]gzh'hY'']gh'k]''cb'm'Wcbbh]b'hY'a U]g'h'Uh'a Y'h'hY'gYUfW]W]hYf]U''GYUfW
Wb'VY'W]f]YX'ci h'U'gc'Zcf'k cfX'ZfU[a Ybhgz'UbX'bch'a U_]b['X]ZYfYbW]VYhk Yyb'i ddYf'UbX'ck Yf
WUgYg''=Z'mci 'k Ubh'hc'gY'hY'k \c'Y'']gh'U[U]bz'W]W]''GYUfW''''UbX''YUj Y'a dhm'hY''HYi h'hc'gYUfW
Zcf''ZY'X''

&" F YUX'UbX'fYd'mhc'a YggU[Yg

Hc'fYUX'U'a YggU[Y'W]W]cb']h' h'Y'a YggU[Y'hYi h']g'X]gd'UmYX']b'hY'dcd!i d'k]bXck ''Hc'fYd'mhc
hY'a YggU[Y'ja a YX]UHY'm]W]W]''F'Yd'm''H\]g'cdh]cb'Wb'bc'hVY'i gYX'Zcf'gmghYa 'a YggU[Yg''H\Y'gUa Y
fi 'Yg'Udd'mhc'gYbX]b['fYd'mUg'hc'a YggU[Y'k f]h]b['XYgW]VYX']b'dc]bh(' ''

' ''8Y'YhY'a YggU[Yg

=Z'mci 'k Ubh'hc'XY'Yh'gca Y'a YggU[Ygz'gY'VW'hY'W'YW]Vcl fYgk]b'hY'fck f]gk'cZ'gY'VWYX
a YggU[Yf]gk'z'UbX'W]W]''8Y'YhY''''

=Z'mci 'k Ubh'hc'fYa cj Y'U''a YggU[Ygz'gY'VW'hY'8Y'YhY''W'YW]Vcl 'cb'hY'hd'cZ'hY'Wc'i a bz'UbX
W]W]''8Y'YhY''''

(' ''K f]hY'a YggU[Y

mci 'Wb'gYbX'a YggU[Yg'hc'Ubmi gYf'cZ'BYdhi b'fUXa]b]ghfUhcfgz'YVW' fYfgz'gh' XYbhgkz'\ck Yj Yfz
hY'mk]''fYVW]j Y'hYa 'cb'm]Z]b'hY]f'gYHh]b[g'mci 'UfY'YbUV'YX'hc'gYbX'hY'a 'a YggU[Yg''C'hYfk]gY
mci 'k]''fYVW]j Y'Ub'Yffcf'a YggU[Y'k \Yb'mci 'UHY'a dh'hc'gYbX'a YggU[Y'hc'hY'a ''

Hc'k f]hY'U'bYk 'a YggU[Yz'W]W]''7ca d'cgY'bYk 'a YggU[Y''''=b'hY'dcd!i d'k]bXck 'YbhYf'hY'BYdhi b
WcXY'cZ'fYVW]d]Ybh'f]gk'z'Z]'']b'hY'gi V'YVW]ZY'Xz'UbX'hmdY']b'hY'a YggU[Y'hYi h''5''h'YgY'ZY'Xg'bYX'hc
VY'Z]YXz'ch'Yfk]gY'hY'a YggU[Y'Wb'bc'hVY'gYbh''

=b'hY''J U'X'i bh]''ZY'X'mci 'Wb'YbhYf'U'XUHY'UZhf'k \]W'hY'BYdhi b'gmghYa 'Ui hca Uh]W]m'XY'YhY
hY'a YggU[Y'Zca 'hY'fYVW]jYbh'f]g'a U]Vcl ''H\]g'ZY'X']g'cdh]cbU''

Hc'gYbX'hY'a YggU[Yz'W]W]''GYbX''''H\Y'gmghYa 'bch]ZY'g'mci 'cZ'hY'gi W]W]ggz' ''XY'j] YfmcZ'hY
a YggU[Y''

Hc'fYh'fb'hc'hY'dfYj]ci g'gWYYb'k]h'ci h'gYbX]b['hY'a YggU[Yz'W]W]''6UW]''cf'WcgY'hY'dcd!i d
k]bXck ''

5HH9BH=C B''A YggU[Yg'Wb'cb'mVY'gYbhVm]bX]W]h]b['hY'BYdhi b'WcXY''=b'WUgY'cZa cfY'fYVW]d]Ybhgž
hY'WcXYg'g'ci 'X'VY'gYdUfUHYX'Vm'Wca a Ug''

GYb'ha YggU[Yg

=b'h]g'gWYYb'mci 'Wb'j]Yk 'h\Y''ghicZ'ci h[c]b['a YggU[Yg''H\Y''ghicZ'a YggU[Yg'Wb'VY'df]bhYX'ci h
VmW]W]b['hc'h\Y'df]bhYf']Wb'cb'h\Y'hcd'cZ'h\Y''gh"

%"FYUX'gYb'ha YggU[Yg

Hc'fYUX'U'a YggU[Yz'W]W] 'hc'h\Y'fck 'cZ'h\Y'a YggU[Y'Wb'WfbYX"

&"8Y'YhY'gYb'ha YggU[Yg

=Z'mci 'k Ubh'hc'XY'YhY'a YggU[Ygž'gY'YVh'h\Y'W\YW] 'Vcl fYgŁ']b'h\Y'fck 'cZ'gY'YVhYX'a YggU[Yf]Ł'UbX
W]W] 'í8Y'YhY'í"

=Z'mci 'k Ubh'hc'fYa cj Y'U''a YggU[Yg'Z'ca 'h\Y'dU[Yž'gY'YVh'h\Y'W\YW] 'Vcl 'cb'h\Y'hcd'cZ'h\Y
í8Y'YhY'í 'WŁ'í a bž'UbX'W]W] 'h\Y'í8Y'YhY'í 'Vi h'cb"

A YggU[Y'gYhh]b[g

=b'h\]g'gWYYb'VmighYdd]b['h\fc[[\ 'h\Y' hUVgž'mci 'Wb'gYh'h\Y'dfYZfYbW'g'cZgYbX]b['UbX'fYVW]j]b[a YggU[Yg''Mci 'Wb'gYh'k \Yh\Yf'U'ghi XYbh]g'dfc\]V]hYX'cf'dYfa]hYX'hc'gYbX'a YggU[Yg'hc'mci ž'cf k \Uh'Zcfa Uh'UbX'k \Uh'hmdYg'cZa YggU[Yg'Xc'mci 'k Ubh'hc'fYVW]j Yž'Ug'k Y''Ug'mci 'Wb'gi VgW]VY'hc]bZcfa Uh]cb'j]U'GA G"

%''9bUV'Y'a YggU[Y'fYVWdh]cb

<YfY'mci 'Wb'dfc\]V]h'cf'dYfa]h'hc'gYbX'a YggU[Yg'Vmich\Yf'ghi XYbhg"

6migY'YVh]b[''Dfc\]V]h''Uhi'' DYfa]h'a YggU[Y'gYbX]b['Zcf'U''ghi XYbhg''cdh]cb'Vi Htcb ž'mci '[YbYfU'm fYghf]Vh'U''ghi XYbhg'hc'gYbX'mci 'a YggU[Yg''=Z'mci 'gY'YVh''DYfa]h'ž'U''ghi XYbhg'k]''VY'U'ck YX'hc gYbX'mci 'a YggU[Yg"

=Z'mci 'k Ubh'hc'YI Ya dh'gca Y'ghi XYbhg'Zcfa 'h\Y'UVcj Y'dfc\]V]h]cb'cf'dYfa]gg]cbž'mci '\Uj Y'hc'UXX h\cgY'i gYffgk'hc'h\Y''9I Ya dh]cbg''gh'Uh'h\Y'Vchca 'cZgWYYb''G\ci 'X'mci 'Udd'mY]h\Yf'cdh]cb f['cVU'dfc\]V]h]cb'cf'dYfa]h'ž'W]V''BYk 'YI Wdh]cb''UbX']bgYfh'h\Y'BYdhi b'VčXY'cZ h\Ughi XYbh'Zcf k \ca 'mci 'k Ubh'hc'dYfa]h'cf'dfc\]V]h'hc'gYbX'a YggU[Ygž'XYdYbX]b['cb'h\Y'UVcj Y'fi 'Y''H\Yb'gY'YVh h\Y'fYei]fYX'cdh]cb'' :] 'h\Y'fi 'Y'Vm]W]V]b[''GUj Y''5Zhf'h\]gž'h\Y'gUj YX'fi 'Y'k]''UddYUf'cb'h\Y gWYYb'UbX''Uh'f'Wb'VY'YX]hYX'cf'fYa cj YX'fa Uf_ 'h\Y'VWYV'Vcl ''8Y'Yh''ž'UbX'W]V''8Y'Yh' gY'YVhY'fi 'Yg'č'Vm]W]V]b['h\Y'Uddfcdf]Uh'Vi Htcb"

5HH9BH=C B'' A YggU[Yg'Zcfa ''YVh' fYfg'cf'UXa]b]ghfUhc'fg'UfY'bch'U'ck YX'hc'VY'dfc\]V]hYX']b'h\Y gmgh'Ya "

&''5i hca Uh]Wbch]Z]W]h]cbg

<YfY'mci 'Wb'XYZ]bY'k \]W'a YggU[Y'hmdYg'mci 'k Ubh'hc'VY'bch]ZYX'cZj]U'Y!a U]'UbX'#cf'GA G"

5HH9BH=C B'' h\Y'GA G'gYfj]W]g'Uj U]UV'Y'cb'm]Z'mci 'dfYj]ci g'mfY[]ghYf'hc']h'f'GA G'gYfj]W''hUV'# 'GA G'gYfj]W''Vi Htcbč''Mci 'Wb'fYVW]j Y'Y!a U]'a YggU[Yg'cb'm]Z'mci 'dfYj]ci g'mfY[]ghYf'mci f 'C Z]W]U''hmdY'Y!a U]'UXXfYgg]b'h\Y''DYfgcbU''8UHJ''#''7cbhUVh]bZcfa Uh]cb''a Ybi ''9a U]'UXXfYggYg''hUV"

A YggU[Yg'\Uj Y'Zci f'hmdYg'Zcfa 'h\Y'i b]j Yfg]h'ghUZZ'Zcfa 'ch\Yf'ghi XYbhgž'VčbW'fb]b['ghi X]Ygž'cf VčbW'fb]b['h\Y'Z]bUbW'g''5''Zci f'hmdYg'Wb'VY'fYei YghYX'Vch'j]U'Y!a U]'cf'GA G''6migY'YVh]b['h\Y V\YV'Vcl Yg]b''9a U]'UbX''GA G''Vč'i a bgž'mci 'Wb'XYZ]bY'k \Yh\Yf'cf'bch'mci 'bYXX'h\Y'a YggU[Yg fY'UhYX'hc'h\Uh'dUfh]W'Uf'fck'' : cf'YI Ua d'Y]Z'mci 'k Ubh'hc'fYVW]j Y'a YggU[Yg'Zcfa 'Ya d'cniYg'cZ h\Y]bgh]h' h]cb'U'gc'VmY!a U]ž'gY'YVh'h\Y'V\YV'Vcl 'i bXYf''9a U]'Vč'i a b'byI h'hc'h\Y'fck'cZ''A YggU[Yg Zcfa 'h\Y'i b]j Yfg]h'ghUZZ''Hc'gUj Y'h\Y'gYh]b[gž'W]V''GUj Y''