



**NEPTUN**

# **Neptun.Net Egységes Tanulmányi Rendszer**

## **Oktatói Felhasználói Segédlet**

GU^z h'UXUhc\_

# GnYa f`mYg`UXUhc\_

5`ZY`Yh`ZY`f`fgnfb`z`h`Uh`U`U`Udj`Yh`gnYa`f`mYg`UXUHJ]h`f`g`Y`Y`h`gf`Y`j`Ub`YnY`\_`a`C`Xcg#hz`gz`fU`]g`z`Un`5`XUha`C`Xcg#hz`g`[`ca`VfU`\_`Uh]b]h`U`5`n`5`XUha`C`Xcg#hz`g`[`ca`V`U`Uh]`f`fgnYb`z`h`Uh`U`Un`U`\_`U`a`Unc`h]`UXUHJ]h`U`c`[`j`]gn`cbm`z`j`U`\_`Ud`V]c`U`hcg`UXUhc`\_`Uh`U`f`Yb`XgnYf`VYb`f`[`n`#`Y`h`b`m`Y`j`Y`\_`Y`h`a`Y`m`Y`\_`Yb`c`\_`h`U`h`z`f`g`U`nc`\_`Uh`U`gn`Y`f`j`Yn`Y`h`Y`[`mg`f`[`Y`\_`Y`h`z`a`Y`m`Y`\_`Yn`x`b`Z`Y`j`Ub`j`f`j`Y`c`\_`h`U`h`C`\_`f`b`h`9nY`\_`b`Y`\_`Un`UXUhc`\_`b`U`\_`U`a`C`Xcg#hz`gz`fU`]h`h`b`]b`V]c`Y`Y`h`gf`[`Y`z`Ua`Y`b`b`m]VYb`\_`Un`]h`h`a`Y`[`Y`Y`b`\_`UXUhc`\_`b`Ya`\_`a`Y`[`Z`Y`\_`Y`\_`z`j`U`[`m`j`z`h`c`n`z`g`\_`j`Y`h`\_`Yn`Y`h`VY`UXUHJ]VUb`z`U`\_`c`f`Z`c`f`X`i`\_`c`b`]b`h`f`na`f`b`m`Y`a`i`b`\_`U`[`m]`UXa`\_`b`]gn`h`f`z`V]c]U`\_`Z`c`[`U`\_`cn`C`E`gn`Y`f`j`Yn`Y`h`]Y`[`mg`f`[`f`\_`Yn`

5n`5`XUha`C`Xcg#hz`g`[`ca`VfU`\_`Uh]b]h`U`z`Y`[`m`i`Z`Y`i`[`f`C`E`U`V`\_`U`\_`V`U`b`\_`a`Y`[`Y`Y`b`\_`\_`Un`U`Z`Y`\_`\_`Y`h`z`a`Y`m`Y`b`\_`U`gnYa`f`mYg`UXUHJ]h`a`C`Xcg#h`U`h`U`

%`5`Ud`UXUhc`\_`a`C`Xcg#hz`g`U`Z`\_`

=h`i`UX`U`h`U`a`Y`[`a`Y`[`j`z`h`c`n`c`h`i`UXUhc`h`z`j`U`[`m`i`UXUHJ]h`5`P`A`C`Xcg#hz`g`Y`\_`\_`X`f`g`Y`I`[`ca`V`V`U`\_`U`\_`#`z`b`h`a`C`Xcg#hz`g`]\_`f`f`Y`a`Y`h`U`f`Y`b`X`g`n`Y`f`f`[`n`#]z`Y`f`\_`j`]g`g`n`U`Y`n`f`g`h`UX`

5n`Y`\_`\_`X`h`h`a`C`Xcg#hz`g`Y`Z`c`[`UX`z`g`U`\_`Un`]b`h`f`na`f`b`m]VYz`\_`\_`#`z`g`c`\_`h`C`E`Z`[`[`Y`b`\_`U`i`h`c`a`U`h]\_`i`g`U`b`\_`a`Y`[`h`f`h`f`b]\_`z`j`U`[`m`i`Y`[`m`i`UXa`\_`b]gn`h`f`z`h`c`f`b`U`\_`\_`Y`\_`\_`a`U`b`i`z`]g`U`b`Y`Z`c`[`UX`b]U`\_`Un`h`5`n`i`h`C`E`V`]Y`g`Y`h`V`Y`b`Y`\_`Z`c`f`X`i`\_`\_`U`h`z`\_`\_`c`[`m`UXUHj`z`h`c`n`z`g`z`h`gnYa`f`mYg`Y`b`]g`VY`\_`Y`\_`\_`Y`b`h`Y`b`Y`f`g`X`c`\_`i`a`Y`b`h`i`a`c`\_`\_`U`\_`][`Unc`\_`b]U`\_`Un`]b`h`f`na`f`b`m`Y`a`i`b`\_`U`[`m]UXa`\_`b]gn`h`f`z`V]c]U`\_`Z`c`[`U`\_`cn`C`E`c`gn`h`z`m`z`b`]=m`Y`b`\_`c`f`\_`Un`Y`\_`\_`X`h`h`a`C`Xcg#hz`g`U`GnYa`f`mYg`UXUhc`\_`\_`Z`Y`\_`\_`Y`h`Y`b`\_`b`Ya`\_`Z`c`[`Y`[`m`V`\_`\_`a`Y`[`Y`Y`b`b]z`V]g`U`\_`Un`i`h`z`b`z`\_`\_`c`[`m`i`Y`Z`c`[`UX`h`z`\_`\_`Un`h`5`n`x`b`]b`h`f`na`f`b`m`Y`VYb`\_`f`f`j`f`b`m`Y`g`VYz`\_`\_`#`z`g`c`\_`f`C`E`f`g`\_`Un`UXUha`C`Xcg#hz`g`][`Unc`z`g`z`\_`\_`c`n`\_`g`n`\_`\_`g`f`[`Y`g`X`c`\_`i`a`Y`b`h`i`a`c`\_`f`C`E`\_`U`a`i`b`\_`U`[`[`m`Y`\_`\_`Z`c`[`U`\_`cn`C`E`\_`c`\_`\_`f`[`z`]h`C`E`\_`U`d`\_`U`h`V`\_`j`Y`V`V`]b`Z`c`f`a`z`V]c]h`

&`5`XUha`C`Xcg#hz`g`]\_`f`f`Y`a`Y`\_`Z`\_`

=h`i`z`h`U`h`U`Un`Y`X`X`[`Y`\_`\_`X`h`h`U`XUha`C`Xcg#hz`g`]\_`f`f`Y`a`Y`]h`z`f`g`U`\_`]g`h`U`i`h`c`g`C`E`c`g`n`c`d`z`V`U`b`z`\_`Un`9`Z`c`[`UX`j`U`\_`Y`\_`\_`b`f`[`m`Y`h`V`Y`b`\_`Un`h`z`\_`\_`c`[`m`i`Un`UX`c`h`i`\_`f`f`Y`a`Y`h`Y`Z`c`[`UX`h`z`\_`\_`Y`a`z`f`z`U`j`U`[`m`i`g`Ya`\_`\_`

# ? f d n Y h g f [

9nYb`U`ZY`YhYb`z h\ UhU`U`fYbXgnYfVY`ZY` ]hž`\_cfzVVUb`gnYfnYthj`f[ nYthgf[ Y]h`f`g`bmY`j`j` ]ng[ z ]h`

9nY`Yh`Un`UXUhc`Uh`]h`VgU`\_`a` Y[ hY`\_]bh\Yh]ž`j`z`hcnhUhz`gfU`b]bWg`Y\Yh`gf[ Y`<U`j`U`Ua`Y`m]`\_`UXUhu`  
h`f`j`YgYb`\_`Yf`\_`h`f` [ n`h`f`g`f`Y`ž`j` U[ m`•`^`j`f[ nYthgf[ Yh`gnYfnYthž`U`\_`cf`Un`Ynh`][ Unc`CEXc`\_i`a` Yb`h`i`a`c`\_`U`  
Y[ m`i`h`ž`gnYa`f`m`Y`g`Y`b`\_`Y`Y`nh`VY`Y`Y`b`h`Y`b`]Y`Un`]b`h`f`na`f`b`m`Y`a`i`b`\_`U` [ m`]`UXa` ]b]gnh`f`z`W`C`U`Zc[ `U`\_`cn`CE`  
` [ mc`gn`h`z`m`z`b`"

%`"9` \_`f`d`n`Y`h`g`f` [ `Z` `

=h`i`z`h\ UhU`U`\_`cfzVVUb`a` Y[ gnYfnYth`\_`f`d`n`Y`h`g`f` [ Y]h`i`f`f`Y`h`g`f` [ ]ž`Z` ]g`\_`c`U]ž`Y[ m`Y`h`Y`a` ]`X]d`ca` Už`D\8ž`  
ghV`"L`"

&`"B`m`Y`j` `Z` `

=h`i`z`h\ UhU`U`\_`cfzVVUb`a` Y[ gnYfnYth`f`g`U`f`Y`b`X`g`n`Y`f`V`Y` `Z`Y`j` ]h`i`b`m`Y`j`j` ]ng[ z ]h`

# 9`ff\Yh gf[ Y\_

9nYb`Un`c`XU`cb`UX\Uh`U`a`Y[ `fg`gnYf`Ygnh`Yh`Y`ff\Yh`gf[ ]`UXUhU]h`YnYb`VY`"Ya`U]`Wta`Y]h`  
hY`YZcbgnza`U]h`dcghU]`Y`ff\Yh`gf[ Y]h`fg`cb`Ud`Wta`Y]h`"9nY`Yh`Un`UXUhc`Uh`gnYa`f`mYg`Y`Y[ `a` ]Uth`  
x`b`b`\_j`"WjU`\_`U`a`Y[ ZY`Y`"c[ cgi`hgZ[ [ U`fYbXY`\_`Yn`UXa` ]b]gnhfz`hcf`\_`z`h`Uh`z`\_`U`fYbXgnYfVYb`"

5`ZY`"YhYb`Un`b9a`U]`Wta`Y\_`I`z`b7`ta`Y\_`I`z`B`F@`Wta`Y\_`I`fg`U`PHY`YZcbgnza`c`I`Z`Y`Yb`z`h`Uh`U`a`z`f`  
ZY`j`]h`Y`ff\Yh`gf[ Y]h`]h`ia`C`Xcg`h`Uh`U`fg`h`f`"Yh`YnY`Yh`z`]"Yh`Y`"UXUhc`Uh`j`Y\Yh`ZY`U`  
fYbXgnYfVY`"

:`=:`M9@9A`" `a`"UbXCE`U`Wta`f`h`a` ]bXYb`\_fddYb`UX`U`a`Y[ z`a` ]j`Y`Yn`gn`\_gf[ Yg`Un` ]bh`fna`f`bnj`  
UXUhgnC[ z`h`Uh`z`g`cn`"9nYb`\_j`" `a`f[ `Un`Ya`U]`Wta`f`h`f`f`XYa`Yg`a`Y[ UXb]Uz`a` ]j`Y`Yn`gn`\_gf[ Yg`U`U`cn`z`  
`c[ m`i`B`Y`d`h`i`b`V`U`b`\_f`f`\_`Yn`"nYbYhY]h`Ui`h`ca`Uh`\_i`g`Ub`\_h`c`j`z`V`V`#`g`U`"9n`h`U`ZY`"Yh`V`U`c`X`U`z`b`h`U`z`U`h`C`  
"y`n`Y`b`Y`h`\_"`X`c`V`cn`V`U`b`h`U`z`U`h`C`6`Y`z`"z`g`c`\_`a`Yb`\_d`cb`h`g`Y[ #`g`f[ f`j`Y`h`i`X`U`a`Y[ h`Y`bb`]"`

%`"i`"Y`ff\Yh`gf[ `a`Y[ UXz`g`U`

i`"Y`ff\Yh`gf[ `ZY`j`]h`Y`f`Y`n`U`gnb`z`"U`Un`UX`ch`z`" `b`h`U`z`U`h`C`E`U`B`" `""`I`ZY`]f`U`h`" [ ca`Vc`Uh`z`fg`U`  
a`Y[ Y`Yb`ZY`"Yh`Yb`j` ][ mY`ZY`Un`" `^]b`Z`c`f`a`z`W`C`E`U`h`z`a`U`X`\_`U`h`]b`h`g`c`b`U`P`A`Y`b`h`f`g`I` [ ca`V`f`U`"

&`"9`ff\Yh`gf[ `a`C`X`c`g`#`z`g`U`

5a`Y`bb`m]V`Y`b`a`C`X`c`g`#`U`b]`g`n`Y`f`Y`h`b`Y`Y`[ m`i`UX`U`h`c`h`z`\_`U`h`]b`h`g`c`b`Un`i`UX`c`h`i`g`c`f`V`U`b`h`U`z`U`h`C`E`A`C`X`c`g`#`z`g`I`  
]b`\_f`Y`z`f`g`U`Z`Y`i` [ f`C`E`U`V`\_`U`V`U`b`j`f`[ Y`nn`Y`Y`"U`\_`j`z`b`h`j`z`h`cn`h`U`h`z`g`\_`U`h`z`a`U`X`\_`U`h`]b`h`g`c`b`U`P`A`Y`b`h`f`g`I`  
[ ca`V`f`U`"

'`"9`ff\Yh`gf[ f`l`Y`\_`k`h`f`f`g`Y`

5`f`Y`b`X`g`n`Y`f`U`h`f`f`g`h`]g`Y`b`[ Y`X`f`m`Y`n]z`"U`U`h`f`Y`b`X`"UX`U`h`g`c`f`V`U`b`"f`j`"PH`f`"i`Y`" `h`V`Y`d]d`z`U`z`a`U`X`U`  
PH`f`f`g`I` [ ca`V`f`U`\_`U`h`]b`h`"5`V`V`U`b`Un`Y`g`Y`h`Y`b`z`"U`Y`[ m`g`n`Y`f`Y`U`\_`U`f`U`\_`]h`f`" `b`]Un`UX`ch`z`" `b`h`U`z`U`h`C`E`  
Y`X`X] [ `a`Y[ UX`ch`" `g`g`n`Y`g`UX`U`h`c`h`z`U`\_`c`f`d]d`z`"U`V`Y`Un`c`g`n`c`d`Z`Y`^`f`V`W`Y`b`"f`j`" `Y`" `b`f[ m`Y`h`Y`h`z`U`a`Y`m`b`Y`\_`  
U`h`z`g`z`f`U`Un`" `g`g`n`Y`g`UX`U`h`g`c`f`V`U`b`h`U`z`U`h`C`E`Y`" `V`Y`d]d`U`\_`Y`f`"z`a`U`X`\_`U`h`]b`h`g`c`b`U`PH`f`f`g`I` [ ca`V`f`U`"

(`"5`X`U`h`c`\_`b`m`c`a`h`U`h`z`g`U`

5`"j`g`h`z`\_`U`h`\_]b`m`c`a`h`U`h`U`h`U`z`"U`Y`" `gn`f`U`"j`g`h`U`h`Y`h`Y`f`b`"c`V`V`c`X`U`h`h`U`z`U`h`C`E`B`m`c`a`h`U`h`C`E`\_`c`b`f`U`z`a`U`X`U`  
a`Y[ Y`Yb`UV`U`\_`V`U`b`U`P`B`m`c`a`h`U`h`z`g`I` [ ca`V`f`U`\_`U`h`]b`h`"

)`"7`ta`a`C`X`c`g`#`z`g`]`\_f`f`Y`a`Y`\_`

5n`Y`ff\Yh`gf[ Y]`\_`n`"U`Wta`UXUhc`\_`a`C`X`c`g`#`z`g`U`U`Y`Yb`"Y`f`z`g`Y`Y`f`b`Ya`"h`Y`h`i`c`\_`c`\_`a` ]U`h`i`b`f`a` ]Y[  
\_`" `b`V`"n`\_]U`h`V`V]h`" `<`U`a`C`X`c`g`#`U`j`U`U`a`Y`m`\_`Wta`f`h`z`j`U[ m`" `^`Wta`Y`h`j`Y`gn`ZY`z`U`\_`c`f`Un`V`Y`Y`f`"U`  
Wta`a`C`X`c`g`#`z`g`]`\_f`f`Y`a`Y`\_`" `n`f`!`Y`n`Y`\_`Y`h`U`Wta`Y`\_`ZY`Y`h`"c`V`V`c`X`U`c`b`h`U`z`U`h`C`E`"7`ta`a`C`X`c`g`#`z`g`]  
\_f`f`Y`a`Y`\_`" [ ca`V`g`Y[ #`g`f[ f`j`Y`h`Y`\_]b`h`Y`h`]a`Y[ !`z`f`g`U`h`C`E`Z` [ [ Y`b`z`"c[ m`i`Un` ]b`h`f`na`f`b`m`a` ]m`Y`b`  
V`Y`z`"z`g`c`\_`U`"U`gnb`z`"U`"B`Y`d`h`i`b`h`z`U`\_f`f`Y`Ya`"Ui`h`ca`Uh`\_i`g`Ub`Y`Z`c[ UXz`g`f`U`\_`Y`f`"z`j`U[ m`Y[ m`  
UXa` ]b]gnhfz`hcf`b`U`\_`Y`"Un`h`a`U`b`i`z`]g`Ub`Y`Z`c[ UXb]U`"5n`i`h`C`E`V]Y`g`Y`h`Y`b`Y`"Z`c`f`X`i`"U`h`z`"c[ m`  
UXUh`j`z`h`cn`z`g`z`h`gn`Ya`f`m`Y`g`Y`b`]g`V`Y`\_`Y`"Y`Y`b`h`Y`b`Y`f`g`X`c`\_`i`a`Y`b`h`i`a`c`\_`U`" ] [ Unc`b]U`Un` ]b`h`f`na`f`b`m`Y`  
a`i`b`\_`U` [ m`]UXa` ]b]gnhfz`W`C`E`U`"Z`c[ "U`\_`cn`C`E`g`n`h`z`m`z`b`"9n`i`h`z`b`Un`UX`ch`i`\_f`f`Y`Ya`"a`Y`Y`h`i`h`U`z`U`h`C`E`  
P`9`Z`c[ UXj`U`i`Z`]f`U`h`U`U`h`]Y`" `b`f[ m`Y`h`Y`Y`d]d`U`\_`Y`f`" `"

6Yz ``#hz gc\_

9nYb`Un`c`XU`cb`j Ub`Y`Yh gf[ Y`a Y[j z`hcnhUhb]`U`VY`fdfg]`Y`gnUj z`h`fg`U`c[ ]bbYj fh`fg]`h`z`h`U`h`U`  
VY`U`BYdhi b`\_]bfnYhf`h`

: =; M9@9A ° `5`c[ ]b`bfj`j z`hcnhUhz`g`fg`U`Y`gnCj z`hcnhUhz`g`Z`Y`WjU`UVVUb`Un`YgYhVYb`Y`YbbY`  
a Y[ ž`U`Un]bhfna`fbmVYb`YnY`U`Z`b`WjCE`Yb[ YXf`mYnYhY`\_`

%`@c[ ]b`bfj`j z`hcnhUhz`g`fcdWjcbz`\_]gk`

h`U`BYdhi`bVU`j`U`CEVY`fdfg`Yn`Ugnbz`h`c[ ]b`bYj`fh`fU`ncbcg`h`CEz`h`h`X`U`a`Y[j z`hcnhUhb]ž`Ua`]  
U`UdYgYhVYb`Un`x`b`BYdhi`b`\_CE`U`5`j z`Ugnhc`h`c[ ]b`bYj`Yh`f`U`VY`Un`i`^`c[ ]b`bfj`\_`a`Yn`VYž`a`U`X`  
\_`U`h]b`hgcb`Un`U`U`h`U`h`U`z`U`h`CE[ ca`VfU`5`a`Y[ UXc`h`c[ ]b`bfj`VYb`WjU`\_`bU[ mVYh`\_`Yh`fg`gnza`c`\_`Uh`  
UX`U`h`a`Y[ "`

&`>Y`gnCj z`hcnhUhz`g`Z`\_`\_`fcdWjcbz`\_]gk`

9nYb`U`Z`\_`b`U`BYdhi`bVU`j`U`CEVY`fdfg`Yn`Ugnbz`h`Y`gnUj z`h`j z`hcnhU`h`U`h`U`a`Y[ "9`gn`f`UX`U`a`Y[  
ff[ ]`Y`gnUj z`h`a`U`X`\_`f`h`gnYf`Un`•`U`h`z`fg`\_`U`h]b`hgcb`U`\_`>Y`gnCEj z`hcnhUhz`gU`\_`[ ca`VfU`5`g]\_`YfYg`  
Y`gnCj z`hcnhUhz`gf`CE`U`f`Yb`XgnYf`j`gg`n`U`Y`n`f`gh`UX`\_`7`f`gnYf`ž`U`a`z`gc`\_`z`h`U`b`Y`YnYb`\_]`h`U`z`U`h`CE`  
Y[ mYX]`gnza`!`VYh`\_`ca`V]b`z`WjCE`U`WjYf`f`]`Y`gnUj z`h`5`Y`gnUj`U`\_`V`U`b`U`a`U[ mUf`UVW`\_]g`fg`bU[ mVYh`\_`h`f`g`  
gnza`c`\_`Uh]g`a`Y[ UX`U`h`

: =; M9@9A °°`5a`Ybbm]VYb`Un`x`b`]bhfna`fbmY`\_`\_`g`\_`fYbXgnYfh`Ugnbz`Un`Ui`h`Ybh]z`z`gfU`!`j`U[ m]g`  
bYa`U`BYdhi`bcb`VY`\_`\_`Y`VYz`h`U`b]U`U`Y`gnUj z`h`!`U`\_`cf`Yn`]h`b]b`Vj`Y`Yh`gf[ Y`Y`gnCj z`hcnhUhb]ž`  
Ynh`U`\_`\_`g`\_`fYbXgnYfVYb`h`Y`Yh]`a`Y[ "`

: =; M9@9A °°`6]n`cb`m`c`g`j`X`\_`\_`n`b`f`bh`U`z`b`c`h`i`Y`gnCj z`hcnhUhb]ž`a`]j`Y`\_`f`\_`m`a`Y[ U`\_`UX`z`m`cn`U`h`U`ž`\_`c[ m`  
]`Y`h`f`\_`h`Y`b`gnYa`f`m`Y`\_`Z`f`Y`gg`Y`b`Y`\_`gnYa`f`m`Y`g`VYz`h`z`gU]`cn`f`g`UX`U`h]`cn`9`VV`\_`Un`c`\_`V`CE`\_]`z`c`m`CEU[ ž`  
U`f`Yb`XgnYfVY`j`U`CE`Y`g`\_`VY`fdfg`\_`cf`Ui`h`ca`U`h]i`g`U`b`Yn`U`Z`\_`\_`Y`h`Y`Yb]`\_`a`Y[ "9??`CF`A`#`8`9B`?`v`DD`9B`  
J`a`@`HC`NH`5`GG`5`A`9;`\_`>9@GN5J`â`H`z`B`9`<`5`GNB`â`@`5`5`GNy`@9HvG`=8`â`HI`A`â`H`5`?`vG`66=9?69B`°`

'`" `Hfa`z`\_`Z`\_`

h`z`\_`h`U`h`U`VY`U`BYdhi`b`\_]bfnYhf`h`U`Z`U`z`b`c`h`i`Y`Yh`gf[ Y`\_`\_`n`\_`\_`5`Y[ #`f`X`\_`\_`a`Yb`V`\_`\_`j`z`U`ggnU`\_`]  
U`\_`\_`j`z`b`h`h`fa`z`h`a`U`X`\_`\_`U`h]b`hgcb`U`\_`\_`H`fa`U`j`z`hcnhUhz`gU`\_`\_`[ ca`VfU`5`VYz`h`z`gh`U`f`Yb`XgnYf`h`z`fc`U`z`fg`U`  
\_`fg`VV]Y`VYb`VY`fdfg`i`h`z`b`U`\_`\_`j`z`Ugnhc`h`h`fa`z`b`U`\_`\_`a`Y[ Z`Y`\_`\_`Yb`Y`Yb]`\_`\_`a`Y[ U`j`Yn`f`\_`\_`Z`Y`\_`\_`Yh`

C\_hUhz g

Hz f[ mU\_

9nYb'U'ZY''YhYb'hY\_]b'hYh]a Y[ 'gU'zh'fg'c\_hUhc'h'hz f[ mU]h'z'fg''Y\Yh\_gf[ Y'j Ub'Un'Y[ mYg'hz f[ nU\_ UxUu]h]a Y[ hY\_]b'hYb]z'V]ncbcmcg'YgYh'VYb'a cXcg'hU'z']Y'h Y'U'hz f[ m\U''[ UhCbU\_'' nYbYh'h\_''XYb]"

%''Gn' f'fgY\_

5'hz f[ mU\_Uh'\_f'h'gnYa dcbh'Hz f[ m'h'di g'f'g'Z'f'j'gnYf]b'h'i X'U''Ygn' fb]"5'hz f[ m'h'di gc\_'' n''U'gU'zh h'hz f[ mUnc\_Uh'U'hz f[ mU\_Uh''Y'Yb'h]z'a Y'mY\_b'f''x b'hz f[ mZY'' g'c\_hUhc'\_fb'h'gnYfYdY'z'Un'c\_hUhc'h'hz f[ mU\_'dYX][ 'Unc\_Uh'z'U'c''x b'U'hz f[ m'j'U'Ua'Y'm\_i'fni gzbU\_'c\_hUhc'EU''5'Z'f'j'Y\_''Y[ "fX'''' ]ghzVUub Unc\_'U'Z'f'j'Y\_''Y'YbbY\_'a Y[ z'Ua'Y'mY\_VYb'Un'x'b'j'U'Ua'Y'm]\_'\_j]z'Ugnhc'h'h'di g'\_'hz f[ m'z'c'n'hU'f'hc'n]\_ Un'UXch'Z'f'j'VYb'a Y[\]fXYh'h'i'fni g"

5'gn' f'fgY\_'a Y[j'z'hcn'hU'zgU'i hzb'U'hz f[ mU\_'' ]ghz'U'Ui' hca Uh\_i gUb'Z']gg''U'a Y[ Uxch'gn' f'fgY\_bY\_ a Y[ Z'Y'' Yb'z'fg'U'fYbXgnYf'hz'fc'U'U'VYz''#zgc\_Uh'z'#[ mU\_'fg'VV]Y\_VYb'j' ]gg'U'h'f'j'Y'Un'c'XU'fU i [ mUbYnh'U'' ]ghz'h'z'c[ 'U']h'hU'z'b]"

&''Hz f[ mU\_'' ]ghz'U

9VVYb'U'' ]ghzVUub'Un'c'XU''h'hY'f'b'VYz''#h'c'h'gn' f'fgY\_bY\_'a Y[ Z'Y'' 'hz f[ mU\_'' ]ghz'z'h'z'h'U'hU''5'H'di g'cgn'cdVUub'Un''G''U'gU'zh'hz f[ mU'h''Y'Yb'h]z'Un''C''Un'c\_hUhc'h'hz f[ mU'h''5'hzV'znUhVz'fa'Y'm]\_ cgn'cdz'bU\_'Z'Y'f'Y'f'Y\_'U'h]b'h] U'Un'UXch'c'gn'cd'gnYf]b'h'fYbXYn\Yh''\_U'' ]ghz'h'z'U'fYbXYn'f'g' ]fz'bmz'h'U \_]j'z'Ugnhc'h'c'gn'cd'b'Y'Y'a'Y''Y'h]b'm'f'a' i' hU'hU"

9[ m'hz f[ m'gcfz'fU\_'U'h]b'h] U'c'VV'[ ca'VVU'z'j'U[ m'U'hz f[ m'gcfz'bU\_'j'f[ f'b'hU'z'\Uhc'\_cbfU\_'U'h]b'h] U'VU' [ ca'VVU'a'Y[ 'Y'Yb\_]\_'U'hz f[ m'lc'n'\_UdV'g'c'X'c'c'Y'n]a'Yb'z'a'Y'n'bY\_'gY[ '#g'f[ f'j'Y'U'hz f[ m'lc'n'\_UdV'g'c'X'c'c' \_''bV''n'z'b\_V]c'c'U'h'f'f\Y'h]Y''5'a'Yb''i'hc'g'c'Y'Ya'f'h'U'V'g'c'd'f'hc'g''nYbYh\_''X'f'g'h!'Y'gnza'#j'U a ]bXYb'YgYh'VYb'U'hz f[ m'UXUhc\_'Y'Yb'bY\_'a'Y[ 'Y[ m'Z'i' [ f'c'EU'U\_VUub'z'U'c''Un'UXUhc\_'Z'Y'f'Y'j'UbbU\_ gnf'hc'gn'h] U'z'Yn'Y'h'U'Z'Y'Y'h'Y\Y'h\_''n'j'Y'h'Yb''Y'f'f'b]U'Y'n]a'Yb''Y'Ya'Y]fY\_'U'h]b'h]U"

' ''Hz f[ m'UXUhc\_

9VVYb'U'ZY'i [ f'c'EU'U\_VUub'f'f\Y'h'Y\_'Y'U'hz f[ m'lc'n'\_UdV'g'c'X'c'c'U'X'Uhc\_'z'Z'Y'f'Y'gn'f'hc'gn'h]U''5'n'UV'U\_ h'hY'f'b'hU'z'\Uhc'Y[ m'Z'f'j'j]z'Ugn'h'c'Y[ "fX''''a'Yb'z'a'Y'm'Un'h'gn'UVz'm'c'n'U'z'\c[ m'U'hz f[ mU\_'Y[ m'Yg'z'Z'f'j'h''Z' [ [ 'UXU'U]f'd''U'U''[ Uh'c'\_k\_''n''a'Y'mY\_'Y'Yb'Y'Yb'Y\_'a'Y[ ''<U'a'z'g\_]Z'f'j'Y'h]z'Ugn'h'z'U'\_cf' U'Z'Y'Y'b'z'h'Uhc'U'X'Uhc\_'U'i' hca Uh\_i gUb'Z']gg''bY\_'U'j'z'Ugn'h'z'gbU\_'a'Y[ Z'Y'' Yb''5'Ud'f'f'h'a'Yn'Y'h'Y'b'U ]ghzV'c'Un'U'Z'f'j'j'Ub'\_]j]z'Ugn'h]U'z'Ua'Y'm]\_f'Y'x'b'a'z'f'Y'Y]Y''Y'gn'f'h'Y'U'hz f[ mU\_'' ]ghz'z'h'':f'f'j'h'Z' [ [ Y'h'Yb'UXUhc\_'Y'g'Y'h'VYb'f'd''U'Ud'UXUhc\_'z'hz f[ m'V'g'c'd'f'hc'\_k'a' ]bXY[ m'z'\c[ m'ia'Y'm]\_'Z'f'j'j'Ub']h' \_]j]z'Ugn'h]U"

5'Z'Y\_'fg'U'\cnnz'i'\_UdV'g'c'X'c'c'z'b\_V]c'c'U\_'\_'j'Yh'Yn'\_.

' "%'5'Ud'UXUhc\_'\_f'Z'f'j'h''Z' [ [ Y'h'Yb'k

=h'h'Y'YbbY\_'a'Y[ 'U\_'\_j]z'Ugn'h'c'h'hz f[ m'U'Ud'j'Yh'UXU'U]"GU'zh'hz f[ m'Y'g'Y'h'f'VYb'!'h'Y\z'h'Ua\_]c'f'Un'c\_hUhc'Un'UXch'h'hz f[ m'hz f[ nZY'' gY!'Y\Yh\_gf[ 'j'Ub'U'hz f[ m'Y'f'z'g'gnYf\_Y'gn'h'f'g'f'Y'z'Ua'Y'm'h'Un'Y'f'f'Y'f'YbXY\_'Yn'f'g'f'Y'z'c'@Y'f'z'g'a'Yn'VYb''Y\Y'h'a'Y[ h'Y'b'b]z'a'U'X'U''Hz f[ m'Y'f'z'g'a'Yb'h'f'g'Y''[ ca'VfU\_'U'h]b'h]U h'X'U'Y'a'Yb'h'Yb]U'j]z'h'cnz'gc\_Uh'z'a'Y'mf''U'f'YbX'gn'Y'f'j'gg'U'Y'n'f'g'h'UX"

' "&''Hz f[ m\_i'fni'gU]\_f'Z'f'j'Z' [ [ k

=h'h'Y[ m']ghzVUub'a'Y[ 'Y'YbbY\_'U'hz f[ m\_i'fni'gU]"9[ m\_i'fni'g'gcfz'fU\_'c'VV'[ ca'VVU\_'U'h]b'h]U'z'j'U[ m'U'gcf'j'f[ f'b'hU'z'\Uhc'\_cbfU'VU''[ ca'VVU\_'U'h]b'h]U'a'Y[ 'Y'Yb\_]\_'U'\_i'fni'g\c'n'hU'f'hc'n'c'c'Y'n]a'Yb'z'a'Y'n'bY\_'gY[ '#g'f[ f'j'Y'U\_'\_j]z'Ugn'h'c'h'\_i'fni'g\c'n'hU'f'hc'n'c'z'b\_V]c'c'U'h'f'f\Y'h]Y''9nY\_'f'fg'n'Y'h'n'f'g'f'h'f'g'Y'f'z'g'i'\_U'h'a'Y[ hU'z'U'Y'bbY\_'U'Z'Y'n'Y'h'Y\_'U'(!Y'g'dcb'h'z'VUub"

5''ghzVUub'j'UghU[ 'VYh'j'Y''Y'YbbY\_'a'Y[ 'Unc\_'U'\_i'fni'gc\_'z'U'c''x'b'c\_hUhc'\_fb'h'gnYfYdY'z'fg']m'Y'b'c'f'U ]ghU''C\_hUhc'\_i'fni'gU''c'gn'cd'VUub'a'Y[ 'Y'Yb\_]\_'Y[ m'id]d'U'U\_'Y''\_''b'f[ m'Y'h'VYb"

' ""Hz f[ m\U''[ Uh'c'\_f'Z'f'j'Z' [ [ k

9nYb'U'Z''b''z'h'Uhc'\_Un'UXch'Z'f'j'VYb'U'hz f[ m'Vz'fa'Y'm\_i'fni'gz'fU''Y'Yb'h'Yn'Y'h'\U''[ Uh'c\_''9[ m\U''[ Uh'c'gcfz'fU\_'c'VV'[ ca'VVU\_'U'h]b'h]U'z'j'U[ m'U'gcf'j'f[ f'b'hU'z'\Uhc'\_cbfU'VU''[ ca'VVU\_'U'h]b'h]U a'Y[ 'Y'Yb\_'\_y'nYbYh\_''X'f'g''a'Yb'z'c'bh'g'Y[ '#g'f[ f'j'Y'Un'UXch'\U''[ Uh'CbU\_'h'X''nYbYh'h'#b]"5'n'Y\Y'n'gn'\_g'f[ Y'g'Z''Y'h'U'a'Yb'z'c'bh'\_]j]z'Ugn'h'z'gU'i'hz'b'Y[ m'•'UVV'Z'i' [ f'c'EU'U\_VUub'Y'Yb\_]\_'a'Y[ z'Y'bbY\_'Y'f'z'g'z'h'U'''' '&!Y'g'dcb'h'VUub'hU'z'U"

5''ghU'U'Uh'hU'z'\Uhc\_''7'gcd'f'hc'g''nYbYh\_''X'f'g''[ ca'VfU\_'U'h]b'h]U''Y\Y'h'U'hz f[ m' ggn'Yg \U''[ Uh'c'z'bU\_'z'j'U[ m'U\_'\_n''\_''\_]j]z'Ugn'h'c'h'\_bU\_'\_nYbYh'h\_''XYb]U'BY'dh'bc'b'VY''''

' "" %"7gcdcfhcg" nYbYh\_ "Xfg

9VVYb UnUV\_U\_VUb "z h UhU\_U\_ ] z Ugnhc h hz f[ m" ggnYg\U" [ UhCEz h'bfj 'fg BYdhi b \_CE'gnYf]b h'z'fg'U  
\_ ]Y" "fg'cgn'cdVUb hUz \UhCEbf[ mYhY\_ 'gY [ #g'f [fj Y' hi X'U'a Y[ 'Y" 'b]z' \c[ mYnY\_ " n' 'a Y'm  
\U" [ UhCE\_bU\_ 'gnYfYb'f'Y\_ "XYb] Un' nYbYhYh' <U\_ ] z Ugnhc hU' U'Wta nYhY\_Yh'z'U\_\_cf' U' ]ghU' h'YhY'f'b  
hUz \UhCE' Hcj zVV' Un' nYbYh\_ "Xfg'fY" [ ca VfU\_ 'Uhh]bhj U' hi X'U'a Y[ #b] Un' Y\_ "XYbX\_ " nYbYhYh'

' "" "&"y nYbYh'a Y[ #fz gU

9VVYb UnUV\_U\_VUb "Y\Yh'a Y[ #b]fg'Y\_ "XYb] U'BYdhi bcb'VY' ]' nYbYhY\_Yh'5'BYdhi b \_CE'fc\_ t  
a Yn VYb'z h UhU'U'Wta nYhY\_ 'BYdhi b \_CE'z'h' <U'U'Wgcdcfhcg' nYbYh\_ "Xfg'z b\_W]Chj z Ugnhj U'ff]Y'  
YnhU'Z' "YhYh'z'j U[ mU' \U" [ UhCE\_ ]ghz 'z VUb'j z Ugnhc hU' Un' nYbYh\_ "Xfg'cdV]CE'z'U\_\_cf' U'fYbXgnYf  
YnhU'a Yn hUi hca Uh\_ i gUb\_ ]h' 'h]z'XY' \_fnY' ]g'VY' hi X' #b] h'cj zVV' Wta nYhY\_Yh'z'j U[ m'h' f' 'b] hi X  
\_ "n' \_ "

5n'ffj fbn'ggf[ 'j f[ Y'a Yn VY' hi X'U'Z'j Ybb]z' \c[ mU'BYdhi b'a Ybbm] ]XY][ 'hz'fc'U' Un'UXchh' nYbYhYh  
U'Wta nYh' d'cghU]CE'z'VUb" '9nhU'a Yn h'ibYa\_ " h'Y'Yn\_ ]h' h'Yb]Y"5'Y[ Y[ mgnYf VVYb' • [ m'hi X'U  
\_ ]j z UgnhU]U\_ ] z b'h'Xz'hi a ch'z' \c[ mU'a Yn 'a Y'Yh] \_]g' bUd'hz'f' \_cbfU' \_Uhh]b'h'z'a U'X'Un'Y\_\_cf  
a Y[ 'Y'Yb' 'bUd'hz'f'Z' "Yh'Yb'fz'Uhh]bh'U\_ ]j z Ugnhc h'Xz'hi a fU"

5n'9a U]VYb]g'a Y[ \_Ud'U' "Y" " b f[ mYhY'Y'U\_\_cf' fU\_ ^cb'd]dz'h'z' \U' Un'h'gnYfYb'f'z' \c[ mU' \U" [ UhCE\_bU\_  
a ]bXYb\_fddYb'a Y[ dfCE'z'U' h'cj zVV' #hU] U'fYbXgnYf'Ya U]VYb Un'UXchh' nYbYhYh'z' Z [ [ YhYb\_ "UhCEz  
 \c[ m' \_a ]h'z' #h'U\_ 'VY'z' hU'z'bcg'gnUVz' m\_fbh'

5n' nYbYh'hz f[ m'h'f'g'gn' j Y[ f'h'a ]bXYb'YgYhVYb\_ " h'Y'Yn\_ ]h' h'Yb]"

<U'j f[ nYh'Un' nYbYh'a Y[ #fzgzj U'z'U\_\_cf' \_Uhh]bhgcb' Un'UV\_U\_ 'U'z'b' hU'z' \UhCE"9\_ "X' " [ ca VfU" <U  
a f[ gYa 'U\_ 'Uf'U'Y\_ "XYb] Un' nYbYhYh'z'U\_\_cf' Un'c'XU'U'z'b' hU'z' \UhCE"j ]ggnU" [ ca VfU\_ 'Uhh]bhj U  
a Y[ gnU\_ #h'UhU'U'Z'c'mUa Uhch'

' (" ">Y[ mYhY\_ 'fZf'f] h' "Z [ [ YhYb t

#h'U'hz f[ m'cn' hU'f'cnCE' ]j UhU'cg'Y[ mYhY\_ ]ghz 'z h'Y' ]bh'Yh]a Y[ ">Y'Yb'Y[ 'YnY\_Yh'V]U\_ 'U'BYdhi b  
\_ ]Ybgdfc[ fUa VCE'Y\Yh'gnYf\_YgnhYb]"

' (" "H'z f[ m'h'z f[ m'Wgcdcfh'U] fZf'f] Z [ [ t

9nYb'U'Z' "Yh'Yb'Unc\_Uh'U'hz f[ m'Wgcdcfhc\_Uh'z' h UhU'z'Ua Y'nY\_ 'Un'UXchh'hz f[ mU'Z'bh' ]j z Ugnhc h  
Z'f'f] VYb'gnYfYdY""5'hz f[ m'Wgcdcfhc\_ 'bY] Y'a Y'Yh'VU'c'XU'h'U'z' \UhCEz 'Y'fY\_ 'Uhh]bhj U'a Y[ 'hi X'U  
'Y'Yb' #h'Yb] Un'UXchh'hz f[ m'Wgcdcfh' " ggnYg'hz f[ m'h'hz f[ m\_CEX'fg'bfj 'U'Ud'z'b"

' "\*" H'z f[ m'ia ]bhUhUb'hYfj Y] 'fZf'f] h' "Z [ [ YhYb t

#h'Unc\_bU\_ 'U'a ]bhUhUb'hYfj Y\_bY\_ 'U' ]ghz 'U' 'Y'Yb]\_ 'a Y[ z'Ua Y'nY\_VYb'gnYfYdY' Un'UXchh'hz f[ m' <U  
fzj ]gn] Un'Y[ YfYh'U'hz'V'znUhj U'Ua Y'm\_ 'gcfzfUz'U\_\_cf' Y[ m\_ ]g'UV\_U\_VUb'a Y[ 'Y'Yb]\_z' \c[ mUn'UXchh  
hz f[ mUn'UXchh'a ]bhUhUb'hYfj VYb'a ]n'Yb'hz f[ mZ'j f'h' h' h'di ggU'z' " j Yh'a f'bm'h'di ggU'z' \_fYX]h'Y'z  
CEUgnza 'a U'z' ]Yh' Y'U'z'b'ch'Z'f'f] j Y'gnYfYdY""

' "+"7gcdcfhcg" nYbYh\_ "Xfg

9ffY'U'a Yb' dcbh'U\_ 'Uhh]bhj U'U'hz f[ m" ggnYg\U" [ UhCEz bU\_ 'hi X' nYbYhYh' \_ "XYb]" 'F'fgn'YhYg'Y'fzgz h  
a Y[ hU'z' 'U' i [ mUbYnYb'Z'Y'nYh' " "%d'Yg'dcbh'z'VUb"

(" ?i fni g'UXUhc\_

9VVYb UnUV\_U\_VUb 'U\_ ] z Ugnhc h' i fni g'UXUhu] 'Y'YbbY\_z'Z' 'Y'fY'Vcbh] U"5'hz f[ mU\_ 'Z' " ]bXi 'j U  
Y'g' gcfVUb ]bZcfa z W]Ch'hi X'gnYfYnb]U\_ i fni gc\_ fCEz'fg'UXa ]b]gnh'fz'W]CE'U'Yn' \_Yj f'gVf' \Ugnbz' \UhCE  
Yn'f'h'Unh'Uj Ugc' 'i \_z' \c[ mUn' C\_hU'hz'gP?i fni gc\_ 'a Yb' dcbh'ch' \Ugnbz' 'U' ]b\_zVV' YffY'U'W'f'fU""5  
hz f[ mU\_ 'Z' " ]bXi 'j U'U'a Y[ 'Y'Yb' 'Z' 'Y'f'g'U' \cnnz' 'i \_'Ud'W]c'CE'Z' b\_W]CE\_ 'U\_ " j Yh'Yn\_ .

(" %"5'Ud'UXUhc\_

#h'U\_ ]j z Ugnhc h' i fni g'U'Udj Yh' 'UXUhu] 'Y'YbbY\_ 'a Y[ "

(" &"?i fni g' \U" [ UhCE

#h'U\_ i fni g' \U" [ UhCE]h'z' h UhU'Y[ m'h'z'V'znUh'U'bz'a Y'mbY\_ 'Y[ m'gcfzfU' ^cVV' [ ca VVU' \_Uhh]bhj U'z'j U[ m  
U'gcf'j f[ f'b' hU'z' \UhCE]\_cbfU'VU' [ ca VVU' \_Uhh]bhj U'a Y[ 'Y'Yb' "y nYbYh\_ "Xfg" 'a Yb' dcbh  
gY[ #g'f [fj Y' Un'UXchh' \U" [ UhCE]bU\_ 'hi X' nYbYhYh' #b] "5n'Y\Yn'gn' \_gf[ Yg'Z' "Yh'U'a Yb' dcbh  
\_ ]j z Ugnh'z'gU' i hz'b'Y[ m' •UVV'Z' i [ fCEUV\_U\_VUb' 'Y'Yb]\_ 'a Y[ z'YbbY\_ 'Y'fzgz'h'U' " "%!Yg'dcbh'VUb  
hU'z' 'U"

5'hz'V'znUh'U'Uh'hU'z' \UhCE"7gcdcfhcg" nYbYh\_ "Xfg" [ ca VfU\_ 'Uhh]bhj U'Y[ mgnYfY' hi X' nYbYhYh

\_`XYb]U\_i fni g` ggnYg\U` [ UHcz bU\_ž YbbY\_ U` ž b\_WkCbU\_ U` Y#z ghYnYb`ZY`YnYh` "" %Yg`dcbhž VUbb  
HJ`z`U`

( "" "vj \_" n] ZY`UXUhc\_  
#h`ž h`UhUž`c[ mUn`UXc`h`\_i fni g\cn`a ]nYb`fj \_" n] ZY`UXUhc`\_j UbbU\_`ZY`j fj Yž`Z`h` X`j Ybb]` ^  
fj \_" n] ZY`UXUhc`ž`z`h`i` X`a` zgc`b]`a` zgc`\_i fni g`f`E`fj \_" n] ZY`UXUhc`ž`j` U[ mUn`]h`fj` ZY`UXUhc`\_Uh`\cnnz  
h` X`U`UXb]`a` zgc`\_i fni gc`\_`cnž`fg`Z`Y`h` X`U`j`]bb]`Un`fj \_" n] ZY`UXUhc`\_`YfYXa`f`bmY]`h`

( "" ""i` ^fj \_" n] ZY`UXUhc`\_`cnnz`UXz`gU  
i` ^fj \_" n] ZY`UXUhc`\_`ZY`j`f`hY`f`Yn`\_`U`h]`bhgcb`Un`UV`U\_`U`ž`b`HJ`z`\`UHCE`i` ^`ZY`j`f`hY`Y` [ ca VfU`9ni`hz`b`Y[ m  
ZY`i` [ fCEUV`U`VUbb`a` Y[ U`X`U`h`U`Un`fj \_" n] ZY`UXUhc`\_`UX`U`H]`h`5`h`tdi`g`a` Yn` VYb]`z`U`gnh`U`h`E`h`tdi`gc`\_`fb`".  
Xc`[ cnU`h`ž`nz`f`h`Y`n]ž`gh`U`ž`fg`U`\_`cnnz`i` \_`h`U`f`hc`n`E`j`z`U`gnh`U`h`E`f`h`f`\_`Y`fg]`a` E`Xc`\_`fb`". Y[ mž`j`U[ m  
dcb`h`E`Un`]b`h`f`na`f`bm]`VYz`\_`ž`gc`\_`h`E`Z` [ [ bY`\_`5`ZY`UXUhc`g`c`f`gnz`a`zbz`U`X`c`b`a`Y[ Y[ m`ic`m`U`b`g`c`f`gnz`a`c`h`ž  
Ua`j`bYa`h`U`f`hc`n]`\_`Y[ mY`h`Y`b`ž`a`z`f`U`\_i`fni`g`l`cn`f`Y`b`X`Y`h`fj \_" n] ZY`UXUhc`\_`cn`g`Ya`"5`d`E`h`z`gc`\_`a`U`"gnz`a`U  
a`Yn`VYb`U`X`U`h`U`a`Y[ ž`c`[ mUn`UXc`h`i`ZY`UXUhc`h`z`b`m`g`c`f`Y`Y`h`d`E`h`c`b]ž`U`ZY`UXUhc`\_`f`h`f`\_`Y`fg`f`b`f`Un  
Y`g`\_`f`h`f`\_`Y`fg`Y`b`\_`j`Y`b`bm]`gnY`f`h`i`X`U`a`U`X`Z`j`]bb]`Un`UXc`h`i`ZY`UXUhc`\_`Y`f`Y`Xa`f`bmY`h`U`\_`[ U`h`E`\_`f`b`h`5`  
d`E`h`g`h`tdi`g`z`bz`\_`a`Y[ U`X`U`h`U`ž`c`[ mUa`Y`bbm]`VYb`Y[ m`U`\_`[ U`h`E`h`V`V`f`h`f`\_`Y`fg`h`g`\_`U`d`Un`UXc`h`  
ZY`UXUhc`\_`U`\_`cf`\_`U`nc`\_`U`h`\_`c`[ mU`b`\_`gn`Y`f`Y`b`f`\_`V`Y`gnz`a`h`U`b]`U`\_`U`\_`[ U`h`E`j`f`[ g`\_`Y`f`Y`Xa`f`bmY`\_`f`b`h`Un`UXc`h`  
ZY`UXUhc`\_`cn`

( "" ""&"vj \_" n] ZY`UXUhc`\_`gnYf`\_`Y`gnh`f`gY  
9[ m`fj \_" n] ZY`UXUhc`\_`h`i`U`X`cb`gz`[ U]bU\_`gnYf`\_`Y`gnh`f`g`f`Yn`\_`U`h]`bhgcb`\_`c`VV`[ ca VVU`Un`UXc`h`i`fj \_" n]  
ZY`UXUhc`\_`g`c`f`z`f`U`ž`j`U[ m`VU`\_`[ ca VVU`\_`U`g`c`f`j`f`[f`b`HJ`z`\`UHCE]`\_`cb`f`U`ž`fg`U`a`Y[ Y`Y`b`\_`ZY`i`[ f`E`a`Y`b`\_`V`\_`  
j`z`U`gg`n`U`\_`]`U`G`n`Y`f`\_`Y`gnh`f`g`\_`cd`W`E`h`

( "" "" "vj \_" n] ZY`UXUhc`\_`Y`f`Y`Xa`f`bmY`b`Y`\_`V`Y`#z`g`U`ž`gnYf`\_`Y`gnh`f`gY  
9[ m`fj \_" n] ZY`UXUhc`\_`Y`f`Y`Xa`f`bmY`]b`Y`\_`gnYf`\_`Y`gnh`f`g`f`Yn`\_`U`h]`bhgcb`\_`c`VV`[ ca VVU`Un`UXc`h`i`fj \_" n] ZY`UXUhc`\_`  
g`c`f`z`f`U`ž`j`U[ m`VU`\_`[ ca VVU`\_`U`g`c`f`j`f`[f`b`HJ`z`\`UHCE]`\_`cb`f`U`ž`fg`U`a`Y[ Y`Y`b`\_`ZY`i`[ f`E`a`Y`b`\_`V`\_`j`z`U`gg`n`U`\_`]  
Un`\_`9`f`Y`Xa`f`bmY`\_`cd`W`E`h`

9`\_`cf`Y[ m`\_`UVV`ZY`i` [ fCEUV`U`VUbb`a` Y[ Y`Y`b`b`Y`\_`U`\_i`fni`g`l`U`\_`[ U`h`E]`b`fj`\_`fg`b`Y`d`h`b`\_`E`X`\_`gnYf]`b`h`ž`fg  
a`Y`Y`h`h`\_`U`bbm]`\_`c`gn`\_`c`d`ž`U`z`b`m`Y`f`Y`Xa`f`bmY`Un`UXc`h`i`fj \_" n] ZY`UXUhc`\_`cn`f` [ n`h`Y`b]`\_`Y`Y`h`f`Y`n`Un`fj \_" n]  
ZY`UXUhc`\_`UX`U`H]`b`z`\_`a`Y[ U`X`c`h`i`d`E`h`z`gc`\_`a`U`"gnz`a`U`ž`\_`%&"5n`Y`f`Y`Xa`f`bmY`\_`ZY`j`]h`f`Y`n`j`U[ m  
gnYf`\_`Y`gnh`f`g`f`Yn`\_`U`h]`bhgcb`\_`U`\_`]gh`U`\_`unc`b`\_`Y`Ya`f`f`Y`ž`Ua`Y`m`Y`h`gnYf`\_`Y`gnh`Y`b]`\_`j`z`b`ž`Y`\_`cf`a`Y[ Y`Y`b`\_`U`  
\_`j]`z`U`gnh`U`h`E`Y`f`Y`Xa`f`bmY`\_`]`gh`z`U`\_`5n`Y`f`Y`Xa`f`bmY`\_`Y[ m`gn`Y`f`\_`\_`j]`z`U`gnh`z`g`z`\_`cn`i` [ mU`b`\_`[ m  
\_`U`gn`b`z`\_`U`h`E]`\_`Un`Y[ m`Y`g`\_`Y`f`Y`Xa`f`bmY`\_`\_`Yn`X`\_`V`Y`h`ž`j`U[ m`gnz`a`U]ž`U`\_`]gh`z`b`\_`V`Y`\_`\_`]`b`U`j`][z`z`g`l`cn`\_`d`Y`X]`[ U`  
bm]`U`\_`fg`\_`Un`\_`Y`b`h`f`ž`\_`\_`U`h`U`V`\_`\_`Y`b`h`m`\_`ž`a`\_`]b`h`U`\_i`fni`g`Y[ m`V`Y`#z`g`b`z`ž`j`U[ m`U`j`]n`g`[ U`Y[ m`V`Y`#z`g`b`z`\_`

( "" ("A Y[ `fj`\_`fj \_" n] ZY`UXUhc`\_`cnnz`UXz`gU`Un`U`\_`h`i`z`\_`]g`U`b`a`Y[ b]m]h`c`h`\_i`fni`g`l`cn`  
<U`z`h`gnY`f`Y`h`Y`a`zgc`b]`Y[ mia`z`f`a`Y[ `fj`\_`fj \_" n] ZY`UXUhc`\_`Y`Y`n`U`\_i`fni`g`l`cnž`U`\_`cf`\_`U`h]`bhgcb`\_`U`  
ZY`UXUhc`\_`]gh`z`ž`b`U\_`U`ž`b`HJ`z`\`UHCE`A`Y[ `fj`\_`ZY`UXUhc`\_`cnnz`UXz`gU`\_`[ ca VfU`9`\_`cf`Y[ m`\_`UVV`UV`U`VUbb`  
a`Y[ Y`Y`b`b`Y`\_`U`a`zgc`\_i`fni`gc`\_`cn`f`Y`b`X`Y`h`fj \_" n] ZY`UXUhc`\_`ž`a`Y`n`Y`\_`V`\_`U`\_`j]`z`U`gnh`c`gn`\_`cd`VUbb`\_`h`U`z`\`UHCE`  
Y`\_`\_`b`f[ m`Y`h`g`Y[ #`g`f[ `fj`Y`\_`h`i`X`U`a`Y[ Y`\_`\_`b]ž`c`[ mia`Y`m`Y`\_`Y`h`gnY`f`Y`h`f`\_`Un`UXc`h`\_i`fni`g`l`cn`\_`cnnz`UXb]"  
9ni`hz`b`Un`UV`U\_`U`ž`b`HJ`z`\`UHCE`<`cnnz`UX`\_`[ ca VfU`\_`U`h]`b]h`U`ž`U`\_`j]`z`U`gnh`c`h`i`ZY`UXUhc`\_`V`Y`\_`Y`f`\_`b`Y`\_`Un`  
UXc`h`\_i`fni`g`l`cnž`fg`a`Y[ Y`Y`b`b`Y`\_`Un`fj \_" n] ZY`UXUhc`\_`]gh`z`ž`VUbb`

( "" "" "vj \_" n] ZY`UXUhc`\_`cnnz`UXz`gU`a`zgc`\_i`fni`gc`\_`cn`  
<U`Y[ mž`j`U[ m`h` VV`fj \_" n] ZY`UXUhc`\_`gnYf`Y`gnh`f`Y`z`h`a`zgc`b]`a`zgc`\_i`fni`gc`\_`cn`]gž`U`\_`cf`\_`Y`\_`gn`\_`f`U`  
?`j]`z`U`gnh`c`gn`\_`cd`VUbb`\_`h`U`z`\`UHCE`Y`\_`\_`b`f[ m`Y`h`\_`g`Y[ #`g`f[ `fj`Y`\_`j]`z`U`gg`n`U`\_`]`Yn`Y`\_`Y`h`U`ZY`UXUhc`\_`U`h`ž`a`U`X`  
\_`U`h]`bhgcb`\_`U`\_`Y`UXUhc`\_`cnnz`UXz`gU`a`zgc`\_i`fni`gc`\_`cn`\_`[ ca VfU`5`\_i`fni`gc`\_`U`h`Y[ mY`\_`cf`a`Y[ Y`Y`b`\_`\_`UVV`  
UV`U`VUbb`\_`h`i`X`U`\_`j]`z`U`gnh`U`b]"5n`UV`U`VUbb`\_`unc`\_`U`\_i`fni`gc`\_`Y`Y`b`b`Y`\_`a`Y[ ž`a`Y`n`Y`\_`b`f`\_`x`b`c`\_`h`U`h`E`j`U[ m`  
Ua`Y`n`Y`\_`c`m`U`b`\_`h`z`f[ n`l`cn`\_`h`U`f`hc`n`b`U`\_`ž`Ua`Y`n`Y`\_`b`f`\_`x`b`\_`h`z`f[ mž`Y`\_`g`c`\_`h`U`h`E`5`\_i`fni`gc`\_`gn`\_`f`Y`h`\_`\_`h`z`f[ m`  
h`tdi`g`ž`\_i`fni`g`h`tdi`g`f`g`Z`f`j`\_`U`d`ž`b`\_`5`ZY`UXUhc`\_`E`\_`j]`z`U`gnh`c`h`\_i`fni`gc`\_`cn`\_`UXz`g`z`\_`cn`U`\_i`fni`gc`\_`  
\_`]gh`z`ž`V`\_`\_`U`\_`?`j]`z`U`gnh`\_`c`gn`\_`cd`VUbb`\_`h`U`z`\`UHCE`Y`\_`\_`b`f[ m`Y`h`\_`g`Y[ #`g`f[ `fj`Y`\_`Y`\_`\_`Y`a`Y[ ž`c`[ mia`Y`m`  
\_i`fni`gc`\_`cn`\_`gn`Y`f`Y`h`f`\_`cnnz`UXb]`Un`UXc`h`i`ZY`UXUhc`\_`U`h`ž`a`U`X`\_`U`h]`bhgcb`\_`Un`UV`U\_`U`ž`b`HJ`z`\`UHCE`  
`A`z`gc`\_`[ ca VfU`5`ZY`UXUhc`a`zgc`z`g`a`Y[ h`f`h`f`b`h`f`\_`\_`f`Y`b`X`gn`Y`f`j`j`gn`U`\_`Y`n`f`gh`U`X`

( "" ""\* "vj \_" n] ZY`UXUhc`\_`h`f`f`gY  
9[ m]j`U[ m`h` VV`fj \_" n] ZY`UXUhc`\_`h`f`f`g`f`Yn`Y`\_`gn`\_`f`U`ZY`UXUhc`\_`]gh`z`ž`VUbb`U`\_`?`j]`z`U`gnh`\_`c`gn`\_`cd`VUbb`  
Y`\_`\_`Y`a`Y[ ž`c`[ mia`Y`m`ZY`UXUhc`\_`U`h`gnY`f`Y`h`f`\_`h`f`\_`b]ž`a`U`X`\_`U`h]`bhgcb`\_`Un`UV`U\_`U`ž`b`HJ`z`\`UHCE`  
`H`\_`f`f`g`\_`[ ca VfU`

( ("6YZ]nYhYh`h`f`h`Y`\_`  
#h`ž`h`UhUž`c[ mU`\_`U`\_`[ U`h`E`\_`a`]nYb`\_`V`Y`Z]nYh`f`g`Y`\_`Y`h`Y`gn`\_`n`\_`h`Y`\_`Un`\_`UXc`h`\_i`fni`g`l`cn`\_`U`d`W`g`c`\_`E`X`E`U`b`\_`5n`  
UV`U\_`\_`h`Y`h`\_`f`b`\_`h`U`z`\`UHCE]`z`U`gnh`E]gh`U`g`Y[ #`g`f[ `fj`Y`\_`\_`\_`\_`\_`b!`\_`\_`\_`\_`b]`\_`Y`h`\_`Y`Y[ m`\_`h`Y`g`Y`b`a`Y[ `h`i`X`U`

Yb#Yb]Un'≡'f]ga fhY'hj ]ng[ Uē:X#U\_Uhž:]Yh Y'U'~" bV" n' gnc`[ z'hJhzg'X#U\_Uh'

(") "" J ]ng[ UU`U`a U\_

9nYb'U'Z`" b'U'\_]j z`Ugnhchh`\_i fni gj ]ng[ U`U`a U]bU`\_]ghz`zh'hY\_]bh\Yh]a Y["5a Ybbn]VYb`V j YVV  
UXUhc\_fU`\_#j z bWg]ž`U\_\_cf`Unh`Uj Ugc`'i \_ž`c[ mj U[ m'U'J ]ng[ z\_ž`Y[ m\Y#z g'a Yb` dcbhchž`j U[ mUn  
C\_hJhzgP? i fni gc`a Yb` dcbhch` \ Ugnbz`U"



dcbhU'Un]bhfnafbmjVYz`hgc\_hCE'Z [[ bY\_"5'ZY'UXUh'gcfgnza zbz`UX'cb'a Y[ 'Y[ mic'mUb'gcfgnza chZ Ua ]'bYa 'hUfhcn]\_Y[ mYh'Ybz'a zf'U'\_i fni g\cn'fYbXY'h'fj\_" n] Z'UXUh\cn'gYa "'5'dCfhzgc\_'a Ul "'gnza U a Yn VYb'UX'Uh'U'a Y[ z'c[ mUn'UXc'h'Z'UXUh'c'h\z'bmgn'f'Y'Y'h'dCfh'b]z'U'Z'UXUh'f'f'hf'\_Y'f'g'f'b'f'Un Y'g'f'f'hf'\_Y'f'g'Yb'\_j'\_'Y'bbm]gnYf'hi X'U'a U'X'Z'j ]bb]Un'UXc'h'Z'UXUh'YfYXa f'bm'f'h'U'[\_U'hC'f'f'bh'5 dCfh'g'h'di gz'bz'a Y[ UX'Uh'U'z'c[ mUa Y'bbm]VYb'Y[ m'U'[\_U'hC'f'V'f'f'hf'\_Y'f'g'h]g'\_Ud'Un'UXc'h Z'UXUh'U'z'U'cf'Unc'Uh'c[ mUb'gnYfYb'f'VYgnza #hU]U'U'[\_U'hC'j]f[ g'YfYXa f'bm'Y'f'bh'Un'UXc'h Z'UXUh'cn"

' "' "&"'vj\_" n] Z'UXUh'gnYf\_Ygnhf'gY

9[ m'fj\_" n] Z'UXUh'hi'U'X'cbgz[ U]bU'\_gnYf\_Ygnhf'g'f\Yn'\_U'h]bhgcb'c'VV'[ ca VVU'Un'UXc'h'fj\_" n] Z'UXUh'gcfz'fUz'j U[ m'VU'[\_ca VVU'U'gcf'j]f[ f'b'h'U'z'\U'hC]\_cbf'U'z'f'g'U'a Y[ 'Y'Yb'Z'i [ fCEa Yb'V' j'z'U'ggnU'\_]U'GnYf\_Ygnhf'g'cdV'CE'

' "' ""'vj\_" n] Z'UXUh'YfYXa f'bm'f'bY\_'VY#z'gUz'gnYf\_Ygnhf'gY

9[ m'fj\_" n] Z'UXUh'YfYXa f'bm'f]bY'\_gnYf\_Ygnhf'g'f\Yn'\_U'h]bhgcb'c'VV'[ ca VVU'Un'UXc'h'fj\_" n] Z'UXUh'gcfz'fUz'j U[ m'VU'[\_ca VVU'U'gcf'j]f[ f'b'h'U'z'\U'hC]\_cbf'U'z'f'g'U'a Y[ 'Y'Yb'Z'i [ fCEa Yb'V' j'z'U'ggnU'\_] Un'9fYXa f'bm'Y'cdV'CE'

9\_\_cf'Y[ m'•UVV'Z'i [ fCEUV'U\_VUb'a Y[ 'Y'YbbY'\_U'\_i fni g'\U'[\_U'hC]b'fj'f'g'bYdhi b'\_CE'gnYf]bh'z'f'g a Y'Y'h'h'U'bbm]c'gn'cdz'U\z'bm'YfYXa f'bm'Un'UXc'h'fj\_" n] Z'UXUh'cn'f" [ n#Yb]'Y'Y'h'f'Yn'Un'fj\_" n] Z'UXUh'UXUh]bz'a Y[ UXc'h'dCfhzgc\_'a Ul "'gnza U'Z'%'5n'YfYXa f'bm'Y'\_Z'j ]h'f'Yn'j U[ m gnYf\_Ygnhf'g'f\Yn'\_U'h]bhgcb'U' ]ghU'Uncb'Y'Ya f'f'Yz'Ua Y'm'Y'h'gnYf\_Ygnhf'Yb]\_j]z'bz'Y\_\_cf'a Y[ 'Y'Yb'\_U \_j]z'U'gnh'U'hCE'YfYXa f'bm'Y'\_]ghz'U'5n'YfYXa f'bm'Y'\_Y[ mgnYf'\_]j]z'U'gnh'gz'cn'i [ mUb' [ m \U'gnbz'\U'hC]\_Un'Y[ m'Y'g'YfYXa f'bm'Y'\_YnX'VYh'z'j U[ m'gnza U]z'U' ]ghz'b'VY' ]bUj ] [ z'z'g'cn'dYX][ 'U bm]U'\_f'g'Un'Y'bh'f'z' ]'U'hU'V'Y'Yb'm'\_z'a ]bh'U'\_i fni g'Y[ m'VY#z'gbz'z'j U[ mU'j ]ng[ U'Y[ m'VY#z'gbz'"

' "' ("A Y[ 'fj' 'fj\_" n] Z'UXUh'\cnz'UXz'gU'Un'U'\_hi z' ]gUb'a Y[ bm]h'c'h'i fni g\cn

<U'z'h'gnYfYb'Y'a zgc'b]Y[ mia z'f'a Y[ 'fj' 'fj\_" n] Z'UXUh'c'h'Y'\Yn'U'\_i fni g\cnz'U'cf'\_U'h]bhgcb'U Z'UXUh'c'\_]ghz'z'bU'\_U'z'b'h'U'z'\U'hC'A Y[ 'fj' 'Z'UXUh'\cnz'UXz'gU'[\_ca VfU'"9\_\_cf'Y[ m'•UVV'UV'U\_VUb a Y[ 'Y'YbbY'\_U'a z'g'\_i fni gc\_\cn'fYbXY'h'fj\_" n] Z'UXUh'c'\_z'a Y'n'Y'\_V'\_U'\_j]z'U'gnh'c'gn'cdVUb'h'U'z'\U'hC 'Y'"` b'f[ m'Y'h'g'Y[ #g'f[ f'j'Y' 'hi X'U'a Y[ 'Y'"`b]z'c[ mia Y'm'Y'Y'h'gnYfYb'f'Un'UXc'h'\_i fni g\cn'\cnz'UXb]" 9ni hz'b'Un'UV'U'\_U'z'b'h'U'z'\U'hC"<cnz'UX'"[\_ca VfU'\_U'h]bh'j U'z'U'\_j]z'U'gnh'c'h'Z'UXUh'c'\_VY'Yf'\_bY'\_Un UXc'h'\_i fni g\cnz'f'g'a Y[ 'Y'YbbY'\_Un'fj\_" n] Z'UXUh'c'\_]ghz'z'VUb"

' "' ""'vj\_" n] Z'UXUh'c'\_\cnz'UXz'gU'a z'g'\_i fni gc\_\cn

<U'Y[ m'z'j U[ m'h' VV'fj\_" n] Z'UXUh'c'h'gnYfYb'Y'z'ha zgc'b]a z'g'\_i fni gc\_\cn]g'z'U'cf'Y' gn' f'U ?]j]z'U'gnh'c'gn'cdVUb'h'U'z'\U'hC'Y'"` b'f[ m'Y'h'g'Y[ #g'f[ f'j'Y' 'j]z'U'ggnU'\_]Yn'Y'Y'h'U'Z'UXUh'c'\_U'h'z'a U'X \_U'h]bhgcb'U'": Y'UXUh'\cnz'UXz'gU'a z'g'\_i fni g\cn'[\_ca VfU'"5'\_i fni gc\_Uh'Y[ m'Y\_\_cf'a Y[ 'Y'Yb'•'UVV UV'U\_VUb'hi X'U'\_j]z'U'gnh'U'b]"5n'UV'U\_VUb'Unc'\_U'\_i fni gc\_'Y'YbbY'\_a Y[ z'a Y'n'Y'\_b'f'x'b'c'h'U'hC'z'j U[ m Ua Y'n'Y'\_c'm'Ub'h'z'f[ n\cn'h'U'f'cn'bU'\_z'Ua Y'n'Y'\_b'f'x'b'h'z'f[ m'Z'Y'g'c'h'U'hC'5'\_i fni gc'\_gn' f\Yh'Y'\_h'z'f[ m h'di g'z'\_i fni g'h'di g'f'g'Z'f'j'U'Ud'z'b'"5'ZY'UXUh'f'c'\_E'\_j]z'U'gnh'c'h'\_i fni gc\_\cn'UXz'gz'cn'U'\_i fni gc\_ ]ghz'z'V'\_U'?"j]z'U'gnh'c'gn'cdVUb'h'U'z'\U'hC'Y'"` b'f[ m'Y'h'g'Y[ #g'f[ f'j'Y' 'Y'"`Y'a Y[ z'c[ mia Y'm'\_i fni gc\_\cn'gnYfYb'f'\cnz'UXb]Un'UXc'h'Z'UXUh'c'\_U'h'z'a U'X'\_U'h]bhgcb'Un'UV'U'\_U'z'b'h'U'z'\U'hC "A zgc'"[\_ca VfU'"5'ZY'UXUh'a zgc'z'g'a Y[ h'f'h'f'bh'f'f'U'f'Yb'X'gn'Y'f'j ]ggnU'Y'n'f'gh'UX"

' "' ""'vj\_" n] Z'UXUh'h' f'f'gY

9[ m'j U[ m'h' VV'fj\_" n] Z'UXUh'h'f'f'g'f\Yn'Y' gn' f'U'Z'UXUh'c'\_]ghz'z'VUb'U'?"j]z'U'gnh'c'gn'cdVUb 'Y'"`Y'a Y[ z'c[ mia Y'm'Z'UXUh'c'\_U'h'gnYfYb'f'f'h'f'"b]z'a U'X'\_U'h]bhgcb'Un'UV'U'\_U'z'b'h'U'z'\U'hC "H' f'f'g'[\_ca VfU"

' (" '6Y]nY'h'Y'h'h'f'h'Y'\_

#h'z'h'Uh'U'z'c[ m'U'\U'[\_U'hC'\_a ]n'Y'b'VY]nY'h'f'g'Y'Y'h'Y'gn'\_n' h'Y'\_Un'UXc'h'\_i fni g\cn'\_Ud'V'g'CE'CE'U'b'"5n UV'U'\_h'Y'h'f'f'b'h'U'z'\U'hC]z'U'gnh'c]gh'U'g'Y[ #g'f[ f'j'Y' '\_'"`b!\_'\_"`b]Y'h'Y'Y[ m' h'Y'g'Y'b'a Y[ 'hi X'U 'Y'Yb'h'U'b]Un'=#]f]ga f'h'h'j ]ng[ U'X'z'U'U'h'z']Y'h'Y'U'\_'"`bV"n' gnc'[\_z'h'U'z'g'X'z'U'Uh'

' "' ""'j ]ng[ U'U'\_U'a U\_

#h'Un'UXc'h'\_i fni g'j ]ng[ U'U'\_U'a U]bU'\_]ghz'z'h'z'h'Uh'U'"9[ m'j ]ng[ U'U'\_U'ca' gcfz'fU'c'VV'[ ca VVU' \_U'h]bh'j U'z'j U[ m'U'gcf'j]f[ f'b'h'U'z'\U'hC]\_cbf'U'VU'[\_ca VVU'\_U'h]bh'j U'z'U'\_j]z'U'gnh'c'h'j ]ng[ U'UXUh] 'Y'YbbY'\_a Y[ 'Y[ m'Z'i [ fCEUV'U\_VUb'z'Z'Y'f'Y'V'cb'h]U"

' "' ""'5'Ud'UXUh'c'\_Z'`

#h'U'\_j]z'U'gnh'c'h'j ]ng[ U'U'Ud'j Yh'UXUh]h'z'h'U"

' "' "&"'? i fni gc'\_z'Y'Yb'h'Yn'Y'h'h'U'[\_U'hC'\_Z'`

#h'Y[ m'\_f'h'gn]bh' h'z'V'z'n'Uh'U'b'a Y[ 'hi X'U'h'Y'\_]bh'Yb]U'j ]ng[ z'fU'Y'Yb'h'Yn'Y'h'h'U'[\_U'hC'\_U'h'\_i fni gc\_

gnYf]bhVgcdcfcg#h] U" 5'hzV'znUhY'g'gn]bhYfb'U' \_i fni gc\_ 'hU'z' \UkCE\_ž'Y[ m\_i fni g'gcfzVUub'VU'c'XU'h hU'z' \UkCE\_ž'Y'fY' \_Uhh]bh] U'dYX][ 'a Y[ 'Y'Yb'\_Un'UXc'h'\_i fni gfCE'Y'Ybh\_Yn' \U' [UkCE\_ž]ghz'U"

5' \U' [UkCE\_ž]ghz'zVUub'U'j z fCE]ghz b'cgn'cdVUub'd]dU' hU'z' \UkCE\_ž'U'Un'UXc'h'\_i [UkCE] z fCE]ghz b'j Ub'Un UXc'h]j ]ng[ z fUž'Y' \Y' \U'gcb'CEb'a' \_' X]\_U'j f[ 'Y[ Yg' \_' j Yh'Y'a f b m'Y'Yb' f n f g b Y \_' a Y[ ZY'Y'h'cgn'cd' ]g' I [ mUb]h'z'h'UkCEa' f[ 'Un'U'z' #z g' Xz h' i' a' Už'Ua' Y b b m'VYb'U' \U' [UkCEa' z f'gnYfnYh'U'z' #z gh'Un'UXc'h'\_i fni gVCE"

5n'c'XU'U'z' b' hU'z' \UkCE'j f[ g' \_' j Yh'Y'a f b m'Y'Yb' f n f g Y' \_' [ ca VfU' \_Uhh]bh] U'U'fYbXgnYf'Y'Yb' fn]ž \c[ m'U'Y'Ybh\_YnYh'U' \U' [UkCE' a Y[ ZY'Y'bY' \_' Y'U'j ]ng[ U'Y'Ybh\_Yn'f'g'Y'n'gn' \_'gf[ Yg'j f[ g' \_' j Yh'Y'a f b m'Y'Yb' \_'ž'f'g'Ua' Y'm]\_ \U' [UkCEz'Y'n'] [Unž'c'h'id]dz'h'hYgn'U' \U' [UkCEz'U'j f[ 'Y[ Yg' \_' j Yh'Y'a f b m'Y'Yb' f n f g b Y \_' a Y[ ZY'Y'h'cgn'cdVU"

' ") "' "J ]ng[ z nhUkCE\_ž' \_'

5n'UXc'h]j ]ng[ z \c'n' hU'f'c'n'CEj ]ng[ z nhUkCE\_ž]ghz'U'z'h'UkCE]h' '<U'h' f' " b]ž'j U[ m' \c'nz'UXb] gnYfYhbY j ]ng[ z nhUkCE'U'j ]ng[ z \c'nž'Unh'U'j ]ng[ U'a' CE'cg#z'gz'j U' h'Y'Yh]a' Y[ ž'a' Y'n'by' \_' Y' #z'gz' h'U' ( (!Yg dcbhVub' hU'z'U"

' ") (" "9[ mYX] VYcgnhz gc\_ž' \_'

5a' Ybbm]VYb'U'j ]ng[ z \c'n' h' VV' h'f'Y'a' j U[ m]j ]ng[ z nhUkCEhU'f'c'n]ž'j U[ mVgU' \_'gnYfYhb'f' ]X' VYb VYcgnhUj]U'j ]ng[ U'X' hU'f'Ua' z b' VY' \_' ]g'U' \U' [UkCE\_Uh'f'd' \_' Y[ m'gn'CE'Y' ]j ]ng[ z bž' \_'UXc'h] X' ]bhYfj'U' i' a' c'fUž'U' \_'c'f'Yn'U'VYcgnhz'gh]h]j Ub'Y'Yh' g'f[ 'a Y[ h'Ybb]" 5' ]ghz'VUub'z'h'UkCE' \U' [UkCE\_ž' n' \_'U' ? ]j z'Ugn'h'cgn'cd'gY[ #g'f[ f'j' Y'j z'Uggn'U' \_' ]Unc'Už'U' \_' b'f' \_' " n' g'VYz' \_' #z'gc'Uh' \_' #j z b U' \_'U'a' Unb]ž'a' U'X' \_'Uhh]bh]gcb'Un'UV'U' \_'U'z' b' hU'z' \UkCE'6Ycgnhz'g' [ ca VfU"

9\_\_cf'a Y[ 'Y'Yb'\_Y[ m' \_'UVV'Z'Y' [ fCEUV'U'ž'a' Y'mYb'Y[ m'Yi [ fCE]ghz'VCE' \_' ]h' X'U'j z'UgnhUj]U'j ]ng[ z \c'n' fYbXY'h'hYfa' Y\_ž' ]Yh' Y'j ]ng[ z nhUkCE\_ž' n' \_'Unc'Už'a' Y'nY'Yh'U' \_' ]j z'Ugn'h'c'h' \U' [UkCE' \c'n' gnYfYhbY fYbXY'b]ž' ]Yh' Y'Un' =X' dcbh'a' Yn' VYb'a' Y[ 'h' X'UXb]U'j ]ng[ U'X' hU'f'Ua' z b' VY' \_' Y[ mž'U'h'Y'Yg'j ]ng[ U' X' dcbh'z'hCE'Y'h'f' \_'YnX'f'g] ]X' dcbh'c'h' 5' Xz h' i' a' 'a Y[ UXz'gz' \c'n' \Ugnbz'U'U'a' Yn' 'a' Y'Y'h' hU'z' \UkCE\_ž' bUd'z'f' \_' c'bh'z'a' Y'mY' \_'Uhh]bh] U'Y[ mY\_\_cf'a' Y[ 'Y'Yb' \_' ]g'UV'U'VUub' h' X'U' \_' ]j z'UgnhUj]U'a' Y[ ZY'Y' Xz h' i' a' c'h' 9ni h'z' b'U' 'A'Ybh'f'g' [ ca VfU' \_'Uhh]bh] U' h' X'U'Y'a' Ybh'Yb]U'VYz' \_' #z'gc'Uh' 5n'Y[ mYX] VYcgnhz'ggU'fYbXY' \_'Yn' \U' [UkCE' gnza' z fU'U'BYd' h' b' <U' [UkCE] K' VYVb'U'j ]ng[ U'a' z f'U'a' CE'cg#z'c'h' UXUc' \_'U'ž'c' [ 'a Y[ 'Y'Ybb]"

9[ m' \U' [UkCEY[ mYX] VYcgnhz'gz b'U' \_' a' CE'cg#z'gz h' i' [ mUb' • [ m' h' X'U' a' Y[ h'Ybb]ž'a' ]bh'U'c[ mZ'Y' ]h'Y'Un YfYXYh]Y[ mYX] VYcgnhz'gfU'j cbU' \_'c'CEUXUc' \_'Uh'

( " >Y[ mVY#z'g

9n'U'Z'Y' \_'Y'h'gnc' [ z' \_'Un'f'j' \_' n' ]Y[ mY\_ž'j U[ m'Un'U'z' #z'gc' \_'Z'Y'j ]h'Y'f'f'Y'ž'gnYf' \_'Ygn'h'f'g'f'Y' " 5' \_'i fni g'Y' [ mVY#z'gh'z'fca' Z'f'Y'a' CE'cb' \_'Y'Yh' \Ugnbz' b]ž'YnY' \_' \_' n' \_'U' " 6Y'Y[ m'f'g'a' CE'U' \_'f'f'gnYb'z'h'UkCE' cdV]CE'FU' \_'Uhh]bh] U'j z'Ugn'h'U' h' 5'j z'Ugn'h'gz' h'CE'Z' [ [ Y'b'U'Z'Y' \_'Y'h'Yb' hU'z' \UkCE'cdV]CE\_ž'f'g'U' \_'i fni g' \U' [UkCEb'U' \_' ]ghz'U' ]g' \_' \_' bV' n' \_'f'ddYb' \Ugnbz' \UkCE'Yn'f'f'U'Y' #z'gh'YnYb' \_'cdV]CE' \_'U'd'z' b' Vgcdcfcg#c'h' \_' "

( "% " 6Y'Y[ m'f'g' \U' [UkCEb' \_'f'bh

9n'h'U'Y'Yh' g'f[ Y'h] z'Ugn'h] U'U' " 6Y'Y[ m'f'g'UXU'U' ] \_'f'f'gnb'f' \_'Y[ " fX' \_' \_' ]ghz'VCE' \_' ]j z'Ugn'h'UkCEU VY'Y[ m'f'g' h'di' gUž'Un' \_'c' \_'UkCE' \_' ]bY' \_'U' bY'j fVYb'Un'UXc'h'VY'Y[ m'f'gh'f' [ n#Yb] gnYfYhb'f'ž'f'g'U' 6Y'Y[ m'f'g'Xz h' i' a' U' 5n'c' \_'UkCEz' \_'U' \_'i fni g'c' \_'UkCE' \_' n' \_'Y'Yh'j z'Ugn'hUj]ž'XY'U'fYbXgnYf h'Yfa' f'gnYh'Yg'Yb' VVYVb'Un'YgYh'VYb' ]g'f' [ n#] 'Unh'ž' \c[ m'j' U'CEz'VUub' \_' ]gnYf' \_'Ygn'h'Y'h'Y'Un'Y' [ mYg VY'Y[ m'f'gY'Yh' 5' VY'Y[ m'f'g'Xz h' i' a' U'U'd'f'f'h'Y'a' YnYh'Yb'Un'U' \_'h' z' ]g'Xz h' i' a' ž'YnYb' • [ m' h' X' j z' h'c'n'h'U' b]ž' \U'U'a' Yn' 'a' Y'Y'h' hU'z' \UkCE\_ž' bUd'z'f' \_' c'bfU' \_'Uhh]bh'z'a' U'X'Un'Y' \_'c'f'a' Y[ 'Y'Yb' \_' ]g' UV'U'VUub' \_' ]j z'Ugn'h'U' \_' \_' #j z'bh'Xz h' i' a' c'h'

5' \_'i fni g' \U' [UkCEb'U' \_' ]ghz'zVUub'Y' \_'c'f'Un'Y' [ mYg' \U' [UkCE' \_'Y[ m'Y[ m'gcfVUub'z'h'UkCE' \_'ž'f'g'U'VU' c'XU'cb'z'h'UkCE'd' i' gn'Y'f'Y' \_'Uhh]bh] U'U' h'z'V'z'nUh'Y' [ m' \_' j' Yh'Yn' ]gn]bh'Yfb' \_' a' Y[ 'Y'YbbY' \_'U' \U' [UkCE'cn \_'c'fz'VUub' \_'VYV' \_'U' h'z'f[ mVCE'f' [ n#Y'h'VY'Y[ m'f'gY' \_' "

5' VY'Y[ m'f'gY' \_'Z'Y'j ]h'Y'f'Y'n'U' \U' [UkCE'gcfz'VUub'U' 6Y'Y[ m'f'g'cgn'cdVU' \_'Uhh]bh] Už'Un'Y' \_'c'f'a' Y[ 'Y'Yb' \_' ]g' h'z'V'z'nUh'Vub' h' X'U' \_' ]j z'Ugn'hUj]U'VY#b] \_' #j z'bh'VY'Y[ m'f'gh' \_' ; m'c'f'g#h'U'U'VY'Y[ m'f'gY' \_'Z'Y'j ]h'Y'f'ž' \c[ m' \U'Y' [ m'gcfVUub' \_'fz' \_'Uhh]bh'c'h'U' 6Y'Y[ m'f'g'cgn'cdVU' \_'c'f' \_'U'Y' \_' h]Un'UXc'h'VY'Y[ m'f'g' \_'YnX' VYh' \_'f'ž'U' ]ghz'VCE'f' [ h' b'Un' \_'Yf' \_' \_' ]j z'Ugn'h'z'f'Už' h' VV' i [ m'Ubc'mUb' VYh' j' Y' \_'YnX' X' \_'VY'Y[ m'f'g' YgYh'f'b'dYX] [ U' \_'YnX' VYh' \_' h' VVgn'f' ] \_'Yb'm'c'a' z'gz'U' \_' h' X'j z' h'c' [U' b]YnY' \_' \_' n' h' x' h'z' \_'c'n'U' h' \_'g'z'U'f'd' " j ]ng[ U'Y[ mž'f'j' \_' n' ]Y[ nž'VY#z'gU'YgYh'f'b'U' \_'YnX' VYh' \_' b' \_' #j \_' \_'U'gnza' V' ] \_'Yb'm' \_' ]g' \Ugnbz' \UkCE' \_'Un Y[ mYg'YfYXa' f b m'Y' \_' ] m'c'f'g'Y'f'f'f'g'f'Y'n' 9ni h'z' b'z'U' \_'Y' \_' h]U'U'VUž'j U[ m'Un'9bh'Yf'V' ] \_'Yb'm' h'z'U' \_'c'f'U' \_' ]j z'Ugn'h'c'h'VY'Y[ m'f'g'VY' \_'Yf' \_' \_'U' ]ghz'VUž'f'g'Yni h'z' b'U' \_'g'cfVUub' \_' \_' j' Yh'Yn' \U' [UkCEVY'Y[ m'f'g'a' Yn' \_'Y

YgnU\_hj ž ě mU\_YnX VYh \_YhVY#j U'a U'X i hz bU'HUV! chž j U[ m9bhYf! h'bmca j U' [ mcfGUb\_ ]'hi X'U  
j z'UgnhUb] U'a Y[ Z'Y' VY'Y[ mfg'ghUn' ggnYg\U' [ UHCEgnza z fU"

9[ mia zg]\_a ĀX'U'U' [ mcfG'YfYXa f'bmZ'j ]hY'bY\_ž\c[ mU'V]'Ybhm nYhf'b'fj 'bm'U\_\_U' ]g'hi X'fd\_YXb]  
U'6Y'Y[ mfg'cgn'cd'a Yn ]\_ " n' hž'a U'X'U' ]j z'Ugnhc'h'U' [ UHCEz'9bhYf! h'bmca j U'hi X'U'gnYf\_YgnhYb]  
U'VY'Y[ mfg'gh'fU'bm'V]'Ybhm \_ ]g\Ugnbz\UHCE\_U' \_j z bh'VY'Y[ mfg'\_ ]j z'Ugnhzgz\cn'U' ]ghzVCEž  
• UVV'9bhYf! h' h'j Y'dYX][ 'U' ]j z'Ugnhc'h'VY'Y[ mfg'VY\_Yf' 'U' \U' [ UHCEcnž'fg'U' gcfVUb' \_ ]j Yh\_Yn  
\U' [ UHCEVY'Y[ mfg'a Yn 'Y'Ygn'U\_hj "

<U'Un'UXch'VY'Y[ mfg'gh'a Y[ U'z'b'ch'VY'Y[ mfg\_fbh'gnYfYhb'f'f' [ n#Yb]ž'U\_\_cf'\Y'nYnYb'd]dzh'U  
hžV'znUh'A Y[ U'z'b'ch'cgn'cdzVUb' hU'z'\UHCE'Y' " b f[ mYhVY\_tVY"

<U'j f[ nYh'U'VY'Y[ mfgY\_ ]j z'Ugnhzgzj U'ž'fg'VYZ'ž'chhUž'\c[ mYn'a Y'm\U' [ UHCE\_bz'gnYfYdY'Yb  
a Y[ U'z'b'ch'VY'Y[ mfg\_fbh'ž'U\_\_cf'\_Uhh]bhgcb'Un'c'XU'U'z'b'hU'z'\UHCE'A Ybh'fg' [ ca VfU' " <U'U  
VY'Y[ mfgY\_a Ybh'fgY'\Y'mY'hj ]ggnU'gnYfYhbY'h'f'f' ]U' ? i fni gc\_ Z'Y' YhfYž'U\_\_cf'\_Uhh]bhgcb'U' " ]ggnU'  
[ ca VfU"

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<U'bYa ' \_Uhh]bh'U' "A Ybh'fg' [ ca VfU'U'VY'Y[ mfgY\_ ]j z'Ugnhzgz h' " j Yh Ybž'U\_\_cf'Unc\_ 'bYa ' \_Yf' 'bY\_  
a Ybh'fgY'U'fYbXgnYfVYb°

( " & " '6Y'Y[ mfg'WjcdcfhcGUb

9nh'U'Y\Yh gf[ Yh'j z'Ugnh'j U'U' '6Y'Y[ mfg'UXUHJ]'f'f'gnb'f'f'Y[ " fX' ' ]ghzVCE\_ ]j z'Ugnh'UHCEU  
VY'Y[ mfg'h'di gUž'U' \_j z bh'VY'Y[ mfg'f'f'h'Yž'a Y[ 'Y' '\Yh ž'\c[ mia Y[ U'z'b'ch'VY' mYn'f'g\_fbh  
\_j z b'U'Y'f' [ n#Yb]Un'UXch'VY'Y[ mfg'ghž\_ ]'hi X'U'j z'UgnhUb]Un'c\_hUHCEž'U\_]bY\_ 'U'bYj fVYb'Un'UXch  
VY'Y[ mfg'gh'f' [ n#Yb]gnYfYhb'f'f'fg'U'6Y'Y[ mfg'Xzhi a U"

5'VY'Y[ mfg'h'di gU'Un' ]bh'fna f'bm'VYZ'ž'gc\_bU\_a Y[ Z'Y' Yb'Y'Yb]\_a Y[ ž'U'VY'Y[ mfg'gb'f'  
\_ ]j z'Ugnh'UHCEf'f'h'f'\_Y\_ dYX][ 'U' ]j z'Ugnhc'h'VY'Y[ mfg'h'di gbU\_a Y[ Z'Y' Yb"

<U'U'VY'Y[ mfgY\_Yh'a Y[ U'z'b'ch'VY'Y[ mfg\_fbh\_ ]j z b'U'f' [ n#Yb]ž'U\_\_cf'\_Uhh]bhgcb'U  
'Y' " b f[ mYhVY"

5n'c\_hUHCEz'U' \_i fni g'c\_hUHCE' \_ " n'Y\Yh'j z'UgnhUb]ž'XY'U'fYbXgnYf'h'f'a f'gnYh'YgYb'VYVYb'Un  
YgYhVYb ]g'f' [ n#]Unhž'\c[ m'j U'CEzVUb' ]gnYf\_YgnhYh'Y'Un'Y[ nY'g'VY'Y[ mfgY\_Yh'5'VY'Y[ mfg  
Xzhi a U'U'Ud'f'f'h'a YnYh'Yb'Un'U' \_hi z' ]g'Xzhi a ž'YnYb' • [ m'hi X'j z'hc'n'Uhb]ž'U'U'a Yn 'a Y'Yh'U'z'\UHCE  
\_ ]g'bUd'f' \_cbfU' \_Uhh]bhž'a U'X'Un'Y\_\_cf'a Y[ 'Y'Yb' \_ ]g'UV'U\_VUb' \_ ]j z'Ugnh'U'U' \_j z bh'Xzhi a ch'

5' \_i fni g'\U' [ UHCE]bU' ]ghz'zVUb'Y\_\_cf'Un'Y[ nY'g'\U' [ UHCE\_Y[ m'Y[ m'gcfVUb'ž'h'UHCE\_ž'fg'U'VU'  
c'XU'cb'ž'h'UHCEd'i gn'Y'fY' \_Uhh]bh'j U'U'hžV'znUhY[ m' \_ ]j Yh\_Yn 'gn]bh'f'b'a Y[ 'Y'Yb'Y\_ 'U' \U' [ UHCEcn  
\_cfzVVUb'YVV 'U' hz'f[ nVCE'f' [ n#Yh'VY'Y[ mfgY\_ "

5'VY'Y[ mfgY\_ Z'j ]h'f'Yn' \_Uhh]bhgcb'U' \U' [ UHCEgcfzVUb'U'6Y'Y[ mfg'cgn'cdVUb'f'j  
'Y' " b f[ mYhVY"

<U'j f[ nYh'U' \U' [ UHCE\_ ]j z'Ugnhzgzj U'ž'U\_\_cf'\_Uhh]bhgcb'Un'c'XU'U'z'b'hU'z'\UHCE'A Ybh'fg' [ ca VfU'  
<U'U'VY'Y[ mfgY\_a Ybh'fgY'\Y'mY'hj ]ggnU'gnYfYhbY'h'f'f' ]U' ? i fni gc\_ Z'Y' YhfYž'U\_\_cf'\_Uhh]bhgcb'U  
' ]ggnU' [ ca VfU"

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<U'bYa ' \_Uhh]bh'U' "A Ybh'fg' [ ca VfU'U' \U' [ UHCE\_ ]j z'Ugnhzgz h' " j Yh Ybž'U\_\_cf'Unc\_ 'bYa ' \_Yf' 'bY\_  
a Ybh'fgY'U'fYbXgnYfVYb°

( " " 'A ĀX'cg#hz gž'h' f'f'g

9nh'Un'cdVj]j z'Ugnh'j U'U' \_i fni g'\U' [ UHCE]bU' ]ghz'zVUb'U' \U' [ UHCE\_Y[ m'VY'Y[ mfgY'ž'h'UHCEY[ m'  
Y[ m'gcfVUbž' # m' ]mYb\_c'f'Y\Yhg'f[ Ygž'\c[ m'Y[ m\U' [ UHCEh' VVgn' f' ]g'gnYfYdY'U' ]ghzVUbž'Ua Yb'bm]VYb  
Un'UXch'h'z'f[ nVCE'fg'Y[ m'UXch'VY'Y[ mfg'h'di gVCE'a z'f'h' VV'VY'Y[ mfg'gh' ]g'f' [ n#Yh'Y'\c'cnz "

( " " % " '6Y'Y[ mfgY\_ 'a ĀX'cg#hz gU

5'VY'Y[ mfgY\_a ĀX'cg#hzgz\cn'U'VY'Y[ mfg'UXUHJ]bz'j z'UgnU' \_ ]ž'\c[ mia ]mYb'h'di g'VY'Y[ mfg'gh  
gnYfYhbY'a ĀX'cg#Uj]ž'Y\_\_cf'U' ]ghzVUb'Unc\_ 'U'VY'Y[ mfgY\_ 'Y'Yb'Y\_a Y[ ž'a Y'nY\_ h'di gU'a Y[ Y[ m'Yn]  
U' \_ ]j z'Ugnhc'h'U' "9ni hzb'U'6Y'Y[ mfg'UXUHJ]'f'f'gnb'f'f'j 'h' VV]cdVj]CEgY[ #gf[ f'j Y'hi X'U  
a Y[ \U'hz'f'cnb]U'a ĀX'cg#ch'VY'Y[ mfg'f'f'h'f'ž'Unhž'\c[ mia Y[ U'z'b'ch'Y'Un'UXch'VY'Y[ mfgž'U  
VY'Y[ mfg'gh'f' [ n# 'c\_hUHCEž'fg'U'VY'Y[ mfg'Xzhi a z'h'9ni hzb'U'a ĀX'cg#Uj]\_j z bh'VY'Y[ mfgY\_  
gcfzVUb'\Y'nYnYb'Y'd]dzh'U' ]Y' " 'f'g'cgn'cdVUb' hU'z'\UHCE'Y' " b f[ mYhVYž'a U'X' \_Uhh]bhgcb'Un'c'XU'

U'z b' hU'z \ UhE'?' ]Y' " hY\_ 'a CExcg#hzgU' '[ ca VfU"

( " " &" 6Y^Y [ mfgY\_ 'h' f'fgY

5 VY^Y [ mfgY\_ 'h' f'fgY \ Yn' U' VY^Y [ mfgY\_ UxUHJ]bz' j z' UggU\_ ]z' \ c [ m'a ] nYb' htdi g' VY^Y [ mfgY\_ gnYfYhbY' h' f' 'b]z' Y\_\_cf' U' ]ghz VUb' Unc\_ 'U' VY^Y [ mfgY\_ 'Y' YbbY\_ 'a Y [ z' a Y nY\_ ' htdi gU' a Y [ Y [ nYn\_ ' U\_ ]j z' UgnhcHhU' " 9ni hz b' U' h' f' 'b]\_ ]j z bh' VY^Y [ mfgY\_ 'gcfz VUb\_ \ Y' nYnnYb' Y' d] dz h' U\_ ]Y' " 'fg' cgn' cdVUb HU'z \ UhE'Y' " \ bf [ mYHVYz' a U' X' \_ Uhh] bhgcb' Un' c' XU' U' z b' hU'z \ UhE'?' ]Y' " hY\_ 'h' f'fgY' "[ ca VfU"

: =; M9@9A "

< U' b' Ya\_ ' Uhh] bh' U' " ? ]Y' " hY\_ 'a CExcg#hzgU' " z' j U [ m' U' " ? ]Y' " hY\_ 'h' f'fgY' "[ ca VfU' U' a CExcg#hU] z' j U [ m' h' f' 'b]\_ ]j z bh' VY^Y [ mfgY\_ ]j z' Ugnhzgz h' \_ " j Yh Yb z' U\_\_cf' U' j z' hcnhUhzgc\_ ' bYa\_ ' Yf' ' bY\_ ' a YbhfgfY' U fYbXgnYfVYb "

) " 7gcdcfhcg' nYbYh\_ ' Xfg

9ffY' U' a Yb' dcbhfU\_ Uhh] bhj U' Y [ m' Z' i [ fCEUV' U\_ VUb' 'z h' Uh' U' U\_ ]j z' UgnhcHh' i fni g' " ggnYg' \ U' [ UhEz h' bfj' 'fg' BYdhi b' \_ CEx' gnYf] bh' z' fg' U\_ ]Y' " 'fg' cgn' cdVUb' hU'z \ UhE'bf [ mYhY\_ 'gY [ #gf [ fj Y' 'h' X' U' a Y [ Y' " 'b]z' \ c [ m' YnY\_ ' \_ " n' ' a Y' m' \ U' [ UhE\_ bU\_ ' gnYfYhbY' nYbYhYh' \_ ' XYb] " < U\_ ]j z' UgnhcHhU' U' Wta nYhY\_ Yh' z' U\_\_cf' U' ]ghU' hYhY' f' b' hU'z \ UhE' Hcj z VV' Un' nYbYh\_ ' XfgfY' "[ ca VfU\_ Uhh] bhj U' h' X' U' a Y [ #b] ' Un' Y\_ ' XYbX' ' nYbYhYh'

) "% " y nYbYh' a Y [ #z gU

9VVYb' Un' UV' U\_ VUb' ' Y' Yh' a Y [ #b] ' fg' Y\_ ' XYb] U' BYdhi bcb' VY' ' ]' nYbYhY\_ Yh' " 5' BYdhi b' \_ CExfc\_ k\_ a Yn' VYb' 'z h' Uh' U' U' Wta nYhY\_ ' BYdhi b' \_ CEx' z h' < U' U' V' gcdcfhcg' nYbYh\_ ' Xfg' z' b' W' Chj z' Ugnh' U' f' f] Y' Ynh' U' Z' ' YhYh' z' j U [ m' U' \ U' [ UhE\_ ] ghz' VUb' j z' UgnhcHhU' Un' nYbYh\_ ' Xfg' cdV' CEx' U\_\_cf' U' fYbXgnYf Ynh' U' a Yn' h' U' i hca Uh' i gUb' \_ ]h' ' h] z' XY\_ ' fnnY' ]g' VY' h' X' #b] ' hcj z VV] Wta nYhY\_ Yh' z' j U [ m' h' f' 'b] h' X' \_ " n' ' \_ "

5n' f' f] fbnYggf [ ' j f [ Y' a Yn' VY' h' X' U' Z' j Ybb] z' \ c [ m' U' BYdhi b' a Ybbm] ]XY [ [ ' hzfc' U' Un' Uxchh' nYbYhYh' U' Wta nYh' d' cghU] [ CE\_ z' VUb' " 9nh' U' a Yn' h' b' Ya\_ ' \_ " hY' Yn' ' \_ ]h' ' hYb] Y' " 5' Y [ Y [ ngnYf' VVYb' • [ m' h' X' U' \_ ]j z' UgnhU] : U\_ ]j z bh' Xz h' i a ch' z' \ c [ m' U' a Yn' ' a Y' Yh] \_ ]g' b' Ud' hz f' ]\_ cbfU' \_ Uhh] bh' z' a U' X' Un' Y\_\_cf' a Y [ Y' Yb' ' b' Ud' hz f' Z' ' YhYb' f' z' Uhh] bh' U\_ ]j z' UgnhcHh' Xz h' i a fU"

5n' " 9a U] VYb' ]g' a Y [ \_ Ud' U' " Y' " \ bf [ mYHVY' U\_\_cf' fU\_ ' cb' d] dz h' z' \ U' Un' h' gnYfYhb' f' z' \ c [ m' U' \ U' [ UhE\_ bU\_ ' a ] bXYb\_ ' fddYb' a Y [ dfCEz' ' U' hcj z VV' #hU] U' fYbXgnYf' Ya U] VYb' Un' Uxchh' nYbYhYh' z' [ [ YhYb' ' UhhCEz' \ c [ m' \_ ' a ] h' z' ' #chhU\_ ' VY' z' hU'z b' c' g' nU' V' z' m' f' bh'

5n' nYbYh' hz f [ m' z h' fg' gn' j Y [ f' h' a ] bXYb' YgYhVYb\_ ' hY' Yn' ' \_ ]h' ' hYb] "

< U' j f [ nYh' Un' nYbYh' a Y [ #zgzj U' z' U\_\_cf' \_ Uhh] bhgcb' Un' UV' U\_ ' U' z b' hU'z \ UhE' " 9' \_ ' X' "[ ca VfU" < U' a f [ gYa' U\_ Uf' U' Y\_ ' XYb] Un' nYbYhYh' z' U\_\_cf' Un' c' XU' U' z b' hU'z \ UhE' " j ] ggnU' "[ ca VfU\_ Uhh] bhj U' a Y [ gnU\_ # \ Uh' U' U' Zc' m' Ua Uhch'

J ]ng[ z \_ž' ^Y [ mVY ‡fz g

J ]ng[ z \_ž ^Y[ mVY #fz g

9nYb U'ZY''YhYb'hi X'U'a Y[ hY\_bhYb] f'g'gnYf\_YgnhYb] Un'x b'\_i fni gU]\cn'hUfhcnCEj ]ng[ UU'\_U'a U\_Uh'fg Un' ]bh'fna f'bm" ggnYg'j ]ng[ z'zh'gžj U'Ua ]bh' ]h'hi X'U'f" [ n#Yb] U'j ]ng[ z\_\cn'hUfhcnCE'Y[ mY\_Yh]g"

%"J ]ng[ z \_a Y[ ^Y'Yb#f'gY

5'j ]ng[ z \_a Y[ ^Y'Yb#f'g'f'f'\z'fca ''Y'Yh\_gf[ ' \_" n''j z'Ugnh\U'h'z'fg'U'j z'Ugnh'gz hCE'Z' [ [ Yb' ^Y'YbbY\_ a Y[ 'U'j ]ng[ z \_Un'c'XU'U'z'b' hU'z'\U'hCE'zV'znUHVub

5''J ]ng[ U'\_U'a U'\_i fni gc\_\_U''cdW]CEj z'Ugnh'j U'U'h'zV'znUHVub'U'j ]ng[ UU'\_U'a U'\_ ^Y'YbbY'\_a Y[ ž'fg'U' VU'c'XU'cb' hU'z'\U'hCEž' ^Y'fY'\_U'h]bh'j U'b'mf[\_] ]Un'UXch'j ]ng[ UU'\_U'ca \cn'hUfhcnCE\_i fni gc\_\_ ]ghz'U"

5''?i fni gc\_j ]ng[ UU'\_U'a U\_\_U''cdW]CEj z'Ugnh'j U'U'h'zV'znUHVub'U'\_i fni gc\_ ^Y'YbbY'\_a Y[ ž'fg'U'VU' c'XU'cb' hU'z'\U'hCEž' ^Y'fY'\_U'h]bh'j U'b'mf[\_] ]Un'UXch'\_i fni g\cn'hUfhcnCEj ]ng[ UU'\_U'a U'\_ ]ghz'U"

5''7gU'\_j ]ng[ U'\_U'a U''cdW]CEj z'Ugnh'j U'U'h'zV'znUHVub'U'j ]ng[ UU'\_U'a U'\_ ^Y'YbbY'\_a Y[ ž'fg' ]m'Yb\_c'f b]bVg'a zgcX]\_gn]bh'

: =; M9@9A °

5'j ]ng[ U'Ud' b'mca hU'z'gU'a Yb' dcbh' ^Y'Yb'Y[ 'WgU'\_U''?i fni gc\_j ]ng[ UU'\_U'a U\_\_U''cdW]CEj z'Ugnh'z'gU YgYh'f' ^Y'Yb]\_a Y[ °

&"Gn f'fgY\_

5'ZY''YhYb'U'j ]ng[ z\_Uh'h' VV'gnYa dcbh'gnYf]bh' ]g'Y'hi X'U'gn' fb]"5'Z'f'j 'Y[ " fX'' ]ghzVCE'j z'Ugnh'j Už U'j ]ng[ z \_ ]ghz'zVub'Un'UXch'Z'f'j \Yn'hUfhcnCEj ]ng[ z \_Zc[ bU'\_a Y[ ^Y'Ybb]"

9a Y''Yh'z'\U'U'Hcj zVV]\_gn' f'fg]Z'h'f'h'Y'\_a Y''Yh'ic'VV'c'XU'cb' hU'z'\U'hCE'Y'Z'f'a i hU'hCEbm]U'\_fU \_U'h]bh'z'U\_\_cf'a Y[ ^Y'YbbY'\_U'f'fg'gn'Yh'g'gn' f'f'gh''Y'Yh'j'f'h'f'j'\_a Yn'\_ ]g" A # [ U'Z'f'j'j z'Ugnh'z'gbz''U h'zV'znUHVub' hca U'h'\_i gUb'Z' ]gg''U'\_j z'Ugnh'ch'Z'f'j' bY'\_a Y[ Z'Y' Ybž'U'h'c'j zVV]\_gn' f'fgY\_b'f'U gn' f' Z'Y'h'f'h'Y'\_a Y[ UXz'gU'i h'z'b'U''?Y'f'Y'g'f'' [ ca VfU'\_Y''\_U'h]bh'U'b] U'j ]ng[ z \_ ]ghz'zVub'\_gn' \_#f'g'f\Yn" 5n' ]h'a Y[ UXch'ign' f' Z'Y'h'f'h'Y'\_ \_" n" h'ic'[\_]vG'\_UdVg'c'U'h'j U'bž'j U[ m]g'Unc'\_U'j ]ng[ z \_Zc[ bU'\_ a Y[ ^Y'Ybb]ž'Ua Y'mY'\_Un'" ggnYg'Z'Y'h'f'h'Y'\_Y'Y[ Y'h'h'gnbY'\_ "<U'•'fU'j ]gg'U'\_j z'b'h'f'fb]U'h'Y'Yg ]ghz'\cnž'U\_\_cf'h'f''Y'\_ ]U'gn' f' Z'Y'h'f'h'Y'\_Y'h'z'fg'\_U'h]bh'gcb'U''?Y'f'Y'g'f'' [ ca VfU"

5n' ]bh'f'j U'i a \_YnXYh'ž' ]bh'f'j U'i a 'j'f[ Y'a Yn'\_ ]gY[ #g'f[ f'j Y''U'\_j] z'Ugnh'ch'X ]bh'f'j U'i a VU'Yg j ]ng[ UU'\_U'a U\_Uh' ]ghz'n\U'h'U''5'Xz'hi a'\_ ]j z'Ugnh'z'g'z'cn'\_U'h]bh'gcb'U'a Yn'\_ ^c'VV'c'XU'z'b' hU'z'\U'hCE\_]g bUd'z'f'\_ ]cb'f'Už'a U'X'Un'Y\_\_cf'a Y[ ^Y'Yb' UV'U\_VUb'j z'Ugnh'U'h'U'\_ ]U'\_j z'bh'Xz'hi a' ch'

5'h'z'f[ m'\_CEž'h'z'f[ m'b'f'j'\_a Yn'\_ ]gY[ #g'f[ f'j Y''Un' ]h'a Y[ UXch'Z'Y'h'f'h'Y'\_bY'\_a Y[ Z'Y' 'h'z'f[ nU'\cn hUfhcnCEj ]ng[ z\_fU'hi X'gn' fb]"5'a Yn' VY' #f'U'VY'U'z'f[ m'\_CE'j U[ m'h'z'f[ m'b'f'j'\_Y[ m'f'fg'gn'Y'h'f'h'5'\_Y'f'Y'g'f'g h'fYX'f'\_gnCE'U' ]g'a \_" X]\_f'g'bYa' f'f'n'f'\_Ybm'U'\_ ]g]\_f'g'bU[ mVYh'\_fY"

5'j ]ng[ z \_gn' f\Yh' Y'\_hcj zVVz'U'h'z'f[ m'f'f'h'Z'Y''\_g'gnYf'j YnYh]Y[ m'g'f[ ž' ]Y'h'j Y'\_U'j ]ng[ z\_nhU'hCEgnYa' f'mY U'Ud'z'b' ]g"5'gnYf'j YnYh]Y[ m'g'f[ ž' ]Y'h'j Y'\_U'j ]ng[ z\_nhU'hCEU'Ud'z'b'j U'CE\_Y'f'Y'g'f'g\Yn'\_U'h]bh'gcb'U'a Yn'\_ a Y''Yh' hU'z'\U'hCE'''' [ ca VfUž'a U'X'Un'Y\_\_cf'a Y[ ^Y'Yb' ]Z'i [ f'CEUV'U\_VUb'U'\_ ]j z'Ugnh'ch'gnYf'j YnYh] Y[ m'g'f[ f'Y'\_ž' ]Y'h'j Y'c'\_hU'hCE' ]g'cfzVUb'U'\_ ]j z'Ugnh'c'gn'cdVUb' ]f'j'\_ ^Y''\_ b'f[ m'Y'h'Y'h'd]dz'U'\_ ]ž'a U'X \_U'h]bh'gcb'Un'c'XU'U'z'b' hU'z'\U'hCE''C?'' [ ca VfU''9nY'\_bY'\_U'Z'Y'h'f'h'Y'\_bY'\_U'h' f'f'g'f\Yn'\Ugnbz'U'Un UXch'a Yn' b'f' hU'z'\U'hCE''?Y'' h'Y'\_h' f'f'g'Y'' [ ca Vch'

' "J ]ng[ z \_ ]ghz'U

5'j ]ng[ z \_ ]ghz'z'bz''\_f'h'Z'f'Y'j UbbU'\_Vcb'j U'U'gU'z'h'j ]ng[ z ]f'a Y'nY'\_b'f'x' b'j ]ng[ z\_nhU'hCE\_fbh gnYf'Yd'Y'ž' ]Y'h'j Y'Un' ]bh'f'na f'bm" ggnYg'j ]ng[ z'U''9n'i hCEV]Y'gYh'Yb'x' b'WgU'\_U'j ]ng[ z'\_h'zV'znUHVub ž'h'U'hCEUXU'h]h'hi X'U'a Y[ hY\_bhYb]ž'gnYf\_Ygnh'f'g'f'Yž'UXa ]b]gnh'z'z'g'fU' ]h' ]b]bVg'c' [ cgi' hgz[ U"

<U'Y[ m] ]ng[ U'g'cfzVUb' ^c'VV' [ ca VVU''\_U'h]bh'ž'j U[ m'U'g'cf'j'f[ f'b' hU'z'\U'hCE]\_cb'fU'VU'' [ ca VVU'ž'U\_\_cf a Y[ ^Y'Yb]\_Un'UXch'j ]ng[ z\cn'hUfhcnCE\Yn'a Yb'ž'a Y'n'bY\_gY[ #g'f[ f'j Y''Un'UXch'j ]ng[ z\cn \_UdVg'c'CE'a Yb' dcbhc'\_U'h'f'f\Y'h]Y''9nY''Y'f'z'g'h'U'h'U'a UnnU'U'Z'Y'nYh' (!Y'g'dcbh'U''<U'Y[ m'\_i fni g g'cfzVUb' h'Y'gn]i [ n'UbYn'ž'U\_\_cf'U'\_i fni g'fU'j cbU'h'cnCE'a Yb' dcbhc'\_ ^Y'YbbY'\_a Y[ ž'YnY'\_Y'f'z'g'h'U'\*! c'g'dcbh'VUb' hU'z'U"

( "9[ m] ]ng[ z \cn'hUfhcnCEa Yb' dcbhc\_

( "%'6 j YVY

9nhj z`Ugnhj U`Y[ mj ]ng[ U`Y`m`a` Yb` fVYb`U`j ]ng[ U`UXUHJ`Y`YbbY`a` Y[ `Y[ mZY`i [ fCEUV`U`VUbz  
Z`Y`fY`Vcbhj U`

( "%%"`5`UdUXUhc`Z`  
=H`U`\_j z`UgnhcHj ]ng[ U`U`Udj Yh`UXUHJ`h`z`h`U`

( "%&`"?`i`fni`gc`z`Y`Ybh`YnYhh`U`U`[ UHCE`Z`  
=H`Y[ m`f`hgn]bh`hz`V`znUH`VUb`a` Y[ `hi`X`U`hY`\_]bhYb]`U`j ]ng[ z`fU`Y`Ybh`YnYhh`U`U`[ UHCE`Uh`\_i`fni`gc`  
gnYf]bh`V`g`cd`cf`hcg]U`"5`hz`V`znUH`Y`g`gn]bhYf`b`U`\_i`fni`gc`\_`hU`z`U`UHCE`z`Y[ m`\_i`fni`g`gcfz`VUb`VU`c`XU`h  
hU`z`U`UHCE`z`Y`fY`\_Uhh]bhj`U`dYX][`a`Y[ `Y`Yb`\_`Un`UXch`\_i`fni`gf`CE`Y`Ybh`Yn`\_`U`U`[ UHCE`\_`]ghz`U`"

5`U`U`[ UHCE`\_`]ghz`z`VUb`U`j`z`f`CE]ghz`b`cgn`cd`VUb`d]dU`hU`z`U`UHCE`U`U`Un`UXch`U`U`[ UHCE]`z`f`CE]ghz`b`j`Ub`Un  
UXch]`j`ng[ z`fU`z`Y`Y`n`U`gcb`U`b`a` \_`X`\_`U`j`f[ `Y[ Yg`\_`\_`j`Yh`a`f`bm`Y`Yb`f`nf`gb`Y`\_`a`Y[ ZY`Y`h`cgn`cd`]g`  
I`[ mUb]h`z`h`UHCE`a`f[ `Un`U`z`f`z`g`X`z`h`a`U`z`U`a`Y`b`bm]VYb`U`U`U`[ UHCE`a`z`f`gn`Y`f`n`Y`h`U`z`f`z`g`h`Un`UXch`  
\_i`fni`g`V`CE`"

5n`c`XU`U`U`z`b`hU`z`U`UHCE`J`f[ g`\_`\_`j`Yh`a`f`bm`Y`Yb`f`nf`g`Y`\_`[ ca`VfU`\_Uhh]bhj`U`U`fYb`XgnYf`Y`Yb`fn]z  
`c[ mU`Y`Ybh`YnYhh`U`U`[ UHCE`\_`a`Y[ ZY`Y`b`Y`\_!`Y`U`j ]ng[ U`Y`Ybh`YnYf`g`Y`n`gn`\_`gf[ Yg`j`f[ g`  
\_`\_`j`Yh`a`f`bm`Y`\_b`Y`z`f`g`U`a`Y`m`\_`\_`U`U`[ UHCE`z`\_`Yn`][ Un`z`ch`d]dz`h`h`Y`gn`U`U`U`[ UHCE`z`\_`U`j`f[ `Y[ Yg`  
\_`\_`j`Yh`a`f`bm`Y`Yb`f`nf`gb`Y`\_`a`Y[ ZY`Y`h`cgn`cd`VU`"

( "%" ` "J ]ng[ z`nhUHCE`Z`  
5n`UXch]`j`ng[ z`cn`hUf`hcn`CE] ]ng[ z`nhUHCE`\_`]ghz`U`z`h`UHCE]h`<`U`h`f`" `b]z`j`U[ m`c`cnz`UXb]`gnYfYbY  
j ]ng[ z`nhUHCE]U`j ]ng[ z`cn`z`Un`h`U`j ]ng[ U`a`CE`cg`#z`gz`j`U`h`Y`Yh]`a`Y[ z`a`Y`nb`Y`\_`Y`#z`gz`h`U`("(!`Yg  
dcbhU`b`hU`z`U`"

( "%"( "9[ mYX]`VYcgnhz`gc`Z`  
5a`Ybbm]VYb`U`j ]ng[ z`cn`h`V`h`Y`f`Y`a`\_`j`U[ m] ]ng[ z`nhUHCE]hUf`hcn]`z`j`U[ m`V`g`U`\_`gnYfYb`f`]X`VYb  
VYcgnhU`b]U`j ]ng[ U`j`X`hUf`hU`a`z`b`VY`\_`\_`]g`U`U`U`[ UHCE`Uh`fd`\_`Y[ m`gn`CE`Y`\_`] ]ng[ z`bz`\_`UXch`  
]X`\_`]bhYf]U`i`a`c`fU`z`U`\_`cf`Y`nh`U`VYcgnhz`gh]h]j`Ub`Y`Y`h`g`f[ `a`Y[ hYbb]"5`\_`]ghz`VUb`z`h`UHCE`U`U`[ UHCE`  
\_`n`\_`U`?`]j`z`Ugn`h`cgn`cd`gY[ #g`f[ f]j`Y`j`z`Ugg`n`\_`]`Unc`\_`Uh`z`U`\_`\_`b`f`\_`\_`n`g`VYz`\_`#z`gc`\_`Uh`\_`#`j`z`b  
U`\_`U`a`Unb]z`a`U`X`\_`Uhh]bh]gcb`Un`UV`U`\_`U`z`b`hU`z`U`UHCE`6Ycgnhz`g`\_`[ ca`VfU`"

9`\_`cf`a`Y[ `Y`Yb]`Y[ m`\_`UVV`ZY`i [ fCEUV`U`z`a`Y`m`Yb`Y[ m`Y`i [ fCE]`ghz`V`CE`\_`]`hi`X`U`j`z`UgnhU`b]U`j ]ng[ z`cn  
fYbXY`h`h`Y`fa`Y`z`\_`Y`h`Y`j ]ng[ z`nhUHCE`\_`\_`n`\_`\_`Unc`\_`Uh`z`a`Y`m`Y`\_`Y`h`U`\_`j]z`Ugnhc`h`U`U`[ UHCE`\_`cn`gnYfYbY  
fYbXY`b]z`\_`Y`h`Y`Un`=X`dcb`h`a`Yn`VYb`a`Y[ `hi`X`UXb]U`j ]ng[ U`j]X`hUf`hU`a`z`b`VY`\_`\_`Y[ m`z`U`h`Y`Y`g`j ]ng[ U  
]X`dcb`h`z`h`CE`Y`h`f`\_`\_`Yn`X`f`g] ]X`dcb`h`c`h`5`X`z`h`a`\_`a`Y[ UX`z`g`z`cn`Ugnbz`U`U`a`Yn`\_`a`Y`Y`h`hU`z`U`UHCE`\_`g  
bUd`z`f`\_`\_`cb`h`z`a`Y`m`Y`\_`\_`Uhh]bhj`U`Y[ mY`\_`\_`cf`a`Y[ `Y`Yb`\_`\_`]g`UV`U`VUb`\_`hi`X`U`\_`\_`j]z`UgnhU`b]U`a`Y[ ZY`Y`  
X`z`h`a`ch`9ni`hz`b`U`"A`Y`b`h`f`g`\_`[ ca`VfU`\_`Uhh]bhj`U`hi`X`U`Y`a`Y`bhYb]U`VYz`\_`\_`#z`gc`\_`Uh`5n`Y[ mYX]  
VYcgnhz`ggU`fYbXY`\_`Yn`\_`U`U`[ UHCE`\_`gnz`a`z`fU`U`B`Y`d`h`b`<`U`U`[ UHCE]`K`VYVb`U`j ]ng[ U`a`z`fU`a`CE`cg`#`ch`h  
UXUhc`\_`\_`U`Zc`\_`a`Y[ `Y`Ybb]"

9[ m`U`U`[ UHCEY[ nYX]`VYcgnhz`gz`b`U`\_`a`CE`cg`#z`gz`h`i [ mUb`\_`[ m`hi`X`U`a`Y[ hYbb]z`a`\_`]bh`U`c[ mZY`j ]hY`Un  
YfYXY`h]Y[ nYX]`VYcgnhz`gfU`j`cb`U`h`cn`CE`UXUhc`\_`Uh`"

( "&`"J ]ng[ U`Ud`b`mca`hUhz`gU  
9n`Un`cd`W`CE`Y`Yb`Y[ `V`g`U`\_`U`\_`cf`\_`Y`Yb]`a`Y[ `U`j ]ng[ U`gU`z`h`a`Yb`\_`fVYb`z`U`U`"?`i`fni`gc`\_`  
j ]ng[ UU`\_`U`a`U`\_`U`\_`cd`W`CE]z`Ugnh`U`Un`c`XU`h`Y`h`Y`f`b`U`"J ]ng[ z`\_`a`Y[ `Y`Yb`#f`g`Y`\_`f`f`gn`Yb`"

5`a`Yb`\_`dcb`h`U`\_`Uhh]bhj`U`a`Y[ `Y`Yb]`\_`Un`UXch]`j`ng[ z`cn`hUf`hcn`CE] ]ng[ U`Ud`z`a`Y`m`Y`h`i`hz`b`U`U  
V`"b`\_`f`gn`d`f`c[ fU`a`cb`\_`Y`f`Y`gn`\_`\_`hi`X`\_`]b`mca`hU`h]`9n`a`\_`]b`XYb`\_`hz`a`c[ U`h`c`h`V`"b`\_`f`gn`\_`Y`g`Y`h`f`VYb`U`\_`\_`:]Y`  
j`U[ m`\_`\_`z`\_`\_`a`Yb`\_`\_`Df]bh`\_`\_`j`U[ m`\_`B`mca`hU`z`g`\_`\_`a`Yb`\_`dcb`h`z`fU`\_`Uhh]bhj`U`f`f`Y`h`\_`Y`\_`5`B`Y`d`h`b`\_`cn`j`U`CE  
j ]gg`n`U`h`f`f`g`\_`Y`n`z`\_`Ugnbz`\_`U`V`"b`\_`f`gn`\_`Y`j ]gg`n`U`[ ca`V`z`h`"

( " " >Y[ mVY`#z`g  
9nh`U`a`Yb`\_`dcb`h`c]z`Ugnhj`U`a`Y[ `Y`Yb]`\_`U`j ]ng[ z`cn`hUf`hcn`CE`Y`f`Y`X`a`f`bm`Y`\_`f`" [ n`#f`g`f`Y`\_`g`nc`\_`z`CE  
ZY`\_`\_`Y`h`\_`=H`U`\_`6`Y`Y[ m`f`g`\_`h`d`i`gU`a`Yn`VYb`\_`\_`]`hi`X`U`j`z`UgnhU`b]z`\_`c[ ma`\_`]n`Y`b`VY`Y[ m`f`g`h`\_`gn`Y`f`Y`b`Y  
f`" [ n`#Y`b]"

5`\_`Hc]z`V`V]`gn`\_`f`g]`ZY`h`f`h`Y`\_`\_`a`Y`\_`Y`h`i`c`V`V`c`XU`c`b`hU`z`U`UHCE`bn]`U`fU`\_`Uhh]bhj`U`Y`Y`h`g`f[ Y`j`Ub`U  
U`U`[ UHCE`\_`]ghz`z`h`U`j ]ng[ z`cn`hUf`hcn`CE`\_i`fni`gc`\_`z`f`g`#`U[ mU`j ]ng[ z`cn`fYbXY`h`h`Y`fa`Y`\_`f`g`#`U[ mU  
j ]ng[ z`nhUHCE`\_`U`Ud`z`b`\_`]g`gn`\_`fb]"5n`i`h`CE`V]`\_`f`h`cd`W`CE`U`\_`U`\_`cf`j`Ub`\_`Y`Y`b`h`g`f[ Y`z`\_`U`U`j ]ng[ U`UXUhc`\_`  
UV`U`\_`Y[ mYX]`VYcgnhz`gc`Z`\_`f`b`U`U`U`[ UHCE`Uh`h`Y`fa`Y`\_`f`g`#`U[ m] ]ng[ z`nhUHCE`\_`gnYf]bh`gn`f`h`c`gn`h`c`h`U`"

5`VY`Y[ m`f`g`\_`a`CE`U`f`f`gn`b`f`\_`\_`Y`Y`h`g`f[ Y`j`Ub`\_`\_`j]z`UgnhU`b]z`\_`c[ mU`VY`Y[ m`f`g`Y`\_`Y`h`U`U`[ UHCE`\_`f`b`h`

gnYfYhb]VY#b]zj U[ mWjcdcfhcgUb"9nY"Y#zguU'fh\_"j Yh\_Yn U'dcbhVUb'hU'z\UkE

A]bX\_fhYgYhVYb'a Y[ ^Yb]\_U'U'[ UKE\_]ghz'zVUb'U'BYa'Y'Yb'h'a Y[ 'fB">"A"l'cgn'cd'fg'U'6Ygnza' #hU  
j]ng[ z\_VU'cgn'cd'"9' VV]b'f'Unh'i X'U'Y'Ynb]z\U'U'U'[ UKEbYa' j Yh'f'f'gnh'U'j]ng[ zb'z'i hCEV]bz'  
dYX][ 'Unh'\c[ m'Un'UXch]j]ng[ UU'\_U'ca' VY'Ygnza' #h'Y'U'U'U'[ UKEgnza' z'fU'fYbXY'\_Yn'fg'Y'z'CEj]ng[ z\_  
\_"nf'z'j U[ m]g'g'g'Y'h'Y'b'j]ng[ U'YgYh'f'b'z\U'Yn][ Unz'U\_\_cf'Y[ [ nY'Wg' \_\_Yb'U'U'U'[ UKEgnza' z'fU  
fYbXY'\_Yn'fg'Y'z'CEj]ng[ UU'\_U'a U'\_gnza' U'Un'UXch'h'z'f[ nVCE"

(" "%"6Y^Y[ mfg\U'U'[ UKEb\_fbh

<U'Ynh'Un'cdW]Ch]z'Ugnh'Uz'U\_\_cf'Un'YfYXa' fbnY\_Yh'U'Y'Yb'h\_YnYh'\U'U'[ UKE\_]ghz'zVUb'U'6Y#UbXCE  
YfYXa' fbmicgn'cdfU'\_Uhh]bh] U'hi X'U'Z'j]bb]z'c'mia' CEcbz'\c[ m'Un'Y\_\_cf'a Y[ ^Yb' \_]g'h'z'V'znUHVUb  
hi X'U'\_j]z'Ugnh'Ub]U'VY#b]\_j]z'bh'VY^Y[ mfg'h'; m'c'f'g'h'U'Un'YfYXa' fbnY'\_Z'j]h'Y'f'h'\c[ m\U'Y[ m  
gc'fVUb'fz'\_Uhh]bh'ch'U'6Y]fUbXCEYfYXa' fbmicgn'cdfUz'U\_\_cf'\U'Y'\_YnX]VY[ f'dY'b]Un'UXch'VY^Y[ mfg'h'z  
U\_]ghz'VCE'f' [ h' b'Un'\_Yf'\_j]z'Ugnh'z'gfU'"9ni h'z'b'\U'Y' h]U'HUV'z'j U[ m'Un'9bh'f'V]Y'bm h'z'U\_\_cf'U  
\_j]z'Ugnh'ch'VY^Y[ mfg'VY'\_Yf'\_U\_]ghz'VUz'f'g'Yni h'z'b'U'gc'fVUb'\_j Yh\_Yn '\U'U'[ UKEYfYXa' fbnia' Yn ^Y  
'Ygn'U\_hj'z' #m'U'\_YnX' VYh'\_Yh'VY#j U'a U'X'i h'z'b'U'HUV!ch'z'j U[ m'9bh'f'l'h'b'mca' j U[ m'c'f'g'Ub'\_]hi X'U  
j'z'Ugnh'Ub]U'a Y[ Z'Y' \_YfYXa' fbn'Un'" ggnYg'\U'U'[ UKEgnza' z'fU"

9[ mia' z]g'\_a CE'U'U' [ m'c'f'g'YfYXa' fbn'Z'j]h'Y'b'Y'\_z'\c[ m'U'V]Y'bm nYh'f'b'f'j' \_bm]U\_\_U\_]g'hi X'fd\_YXb]  
U'6Y#UbXCEYfYXa' fbmicgn'cd'a Yn ]\_"n' h'z'a U'X'U'\_j]z'Ugnh'ch'\U'U'[ UKEb'z'9bh'f'l'h'b'mca' j U'hi X'U  
gnYf\_Ygnh'Yb]U'VY^Y[ mfg'h'f'U'bm'V]Y'bm \_]g'\Ugnbz'\UKEU'\_U'\_j]z'bh'YfYXa' fbn'\_j]z'Ugnh'gz'\cn'U  
'ghz'VCE'z'U'UVV'9bh'f'l'h' h'j Y'dYX][ 'U'\_j]z'Ugnh'ch'VY^Y[ mfg'VY'\_Yf'\_U'U'U'[ UKEcnz'f'g'U'gc'fVUb  
\_"j Yh\_Yn '\U'U'[ UKEYfYXa' fbnia' Yn ^Y'Ygn'U\_hj "

<U'j'f[ nYh'U'YfYXa' fbnY'\_j]z'Ugnh'gz'j U'z'U\_\_cf'\_Uhh]bh'gcb'Un'c'XU'U'z'b'hU'z'\UKE"A Ybh'f'g"  
[ ca VfU"<U'Un'YfYXa' fbnY'\_j]z'Ugnh'gz'h\_"j Yh'Yb'z'U\_\_cf'Unc'\_bYa' \_Yf'\_bY\_a  
\_Uhh]bh'gcb'U'"J]ggnU'"[ ca VfU"

: =; M9@9A \*

<U'bYa' \_Uhh]bh'U'"A Ybh'f'g'"[ ca VfU'Un'YfYXa' fbnY'\_j]z'Ugnh'gz'h\_"j Yh'Yb'z'U\_\_cf'Unc'\_bYa' \_Yf'\_bY\_a  
\_Yf'\_bY\_a Ybh'f'g'f'U'fYbXgnYfVYb"

(" "&"6Y^Y[ mfg'WjcdcfhcgUb

9nh'Un'cdW]Ch]z'Ugnh'j U'U'6Y^Y[ mfg'a CE'U'f'f'gn'U'Uhh'a Y[ ^Yb]\_U'6Y#UbXCEYfYXa' fbnia' Yn'z']h  
hi X'U'\_j]z'Ugnh'Ub]z'\c[ mia' ]mYb'YfYXa' fbn'gn'YfYh'Y'VY^Y[ m'Ynb]z'a U'X'U'>'Y'Yb'h\_YnYh'\U'U'[ UKE  
'ghz'zVUb'Un'9fYXa' fbn'VY#z'gU'cgn'cdVUb'fU'\_cb'd]dz'h'Uncb'\U'U'[ UKE'\_gc'fz'VUz'U'\_bY'\_U'\_j]z'Ugnh'ch  
YfYXa' fbn'gn'YfYh'f'f' [ n#Yb]"

<U'j'f[ nYh'U'U'U'U'[ UKE\_]j]z'Ugnh'gz'j U'z'U\_\_cf'\_Uhh]bh'gcb'Un'c'XU'U'z'b'hU'z'\UKE"A Ybh'f'g'"[ ca VfU"  
<U'Un'YfYXa' fbnY'\_a Ybh'f'g'Y'\Y'mYh'j]ggnU'gn'YfYh'Y'h'f'fb]U'j]ng[ z'\_Z' \_Yh'f'Y'z'U\_\_cf'\_Uhh]bh'gcb'U  
'j]ggnU'"[ ca VfU"

: =; M9@9A \*

<U'bYa' \_Uhh]bh'U'"A Ybh'f'g'"[ ca VfU'U'U'U'[ UKE\_]j]z'Ugnh'gz'h\_"j Yh'Yb'z'U\_\_cf'Un'YfYXa' fbnY'\_bYa  
\_Yf'\_bY'\_a Ybh'f'g'f'U'fYbXgnYfVYb"

(" ""<]z'bmCEU'z'fz'g'a Y[ UXz'gU

<U'Y[ m\U'U'[ UKEbU'\_a'f[ 'b]bWg'U'z'fz'gU'U'h'z'f[ nVCE'f'g' #] m'f'c'f'z'z'ia' Y[ 'a'z'gh'h'di'g'Y'fYXa' fbnh  
VYf'" [ n#Yb]z'U\_\_cf'Y[ m'Z'i' [ fCEUV'U\_VUb'a Y[ ^Yb]\_U'z'bmCEU'z'fz'g'a Y[ UXz'gz'fU'gnc'[ z'CEZY' \_Yh'  
#h'U'Z'Yb'h'U'z'\UKEa' Yn' gY[ #g'f[ f'j'Y' ]'hi X'U'j]z'Ugnh'Ub]z'\c[ mia' ]mYb'X'z'hi'a a U'gn'YfYh'f'f'" [ n#Yb]  
Un'U'z'fz'gh!' Yn'\_cfz'VV]\_Y'Y[ mYb'z'a ]bh'U'j]ng[ U'X'z'hi'a U'! 'f'g'U'U'U'[ UKE\_]ghz'zVUb'Un'5'z'fz'g  
a Y[ UXz'gU'cgn'cdVUb'hi X'U'\_]Y' "b]z'\c[ mia' Y'm'U'U'[ UKE\_bU'\_j]z'b'U'a Y[ UXb]Un'U'z'fz'gh'5nc'\_bz''U  
\U'U'[ UKE\_bz'z'U'\_]bYa'\_Ud'z'\_a Y[ 'Un'U'z'fz'gh'z'bYa'\_Yf'\_VY'Un'YfYXa' fbn'U'j]ng[ z'\cn"

(" ""9fYXa' fbn'h' f'f'g'Yz'a CE'cg#z'gU

5'\U'U'[ UKEUXch]j]ng[ z'fU'\_Udch'YfYXa' fbnY'U'6Y#h'YfYXa' fbmicgn'cdVUb'z'hgnCE]"5'a Ybbm]VYb  
h'f'"b]gn'YfYh'f'U'Z'j]h'YfYXa' fbn'z'U\_\_cf'U'6Y#UbXCEYfYXa' fbn'Y[ "fX' \_'a Yb' VYb'\Ugnbz'U'Un  
i'hc'gCE'YfYXa' fbn'h'f'f'g'Y'cdW]Ch'"9n'a ]bX'U'\_fh'Z'U'U'VY^Y[ mfg]a CE'f'Wjcdcfhcgz'\U'U'[ UKEb'\_fb]k  
a Y'Yh'h'a Y[ ^Yb]\_6Y^Y[ mfg'a CE'cg#z'gz'h'U'VY^Y[ mfg'VY#z'gz'j U'a Y[ Y[ mYn' \_a CE'cb'hi X'U  
a Y[ hYbb]"

(" ""5^Y'Yb'h\_YnYh'\U'U'[ UKE\_]ghz'U

5']ghz'VUb'U'U'U'[ UKE'\_U'j]ng[ UUncbcg#CE'U'gn'YfYd'Y'b'Y'\_z'Ua' Y'm'U'Y[ h'V'V]bh'f'na' fbn'f'U'b'f] 'fg  
a' [ "h'Y'nz'fCEY'VYb'U'BYd'hi' b'\_CEz'Yf'f'Y'Uncb'VUb'Un'f'h'j'Ub'gn'\_gf[ z'a Y'f'h'U'cb]a' ]ng[ z'n'h'U'z'g  
Yg'Yh'f'b' #m'Y\Yh' g'f[ 'j'Ub'U'f'f'Uz'\c[ m'Y[ m'Y[ m'YX]j]ng[ UUncbcg#CE'z'ggcb'U'U'U'[ UKEb'z'Un'c'\_h'U'CE'z'g

bY'hi X'Uz'c[ mdcbhcgUb\_]bY\_'Un'YfYXa fbnYhf" [ n]h"

9[ m\U' [ UHCEgcfzFU\_'Uhh]bhj U'cVV' [ ca VVU'zj U[ mU'gcfj f[ fb'hU'z'\UHCE]\_cbfU\_'Uhh]bhj U'VU' [ ca VVU'a Y[ 'hi X'U'bm]hb] Un'UXch'h'U' [ UHCE\_cfzVV]YfYXa fbnYh'Un'UXch'h'z f[ mVCE'Y[ mZ'i [ fCE UV'U\_VUb"

(" "" "y nYbYh\_`Xfg

5`jghzVUb`z hUHCE\U' [ UHCE\_gnza zFU' nYbYhYh]g'hi X'\_'XYb]z'\U'Y'` ] \_Yh'Un'`y nYbYh\_`Xfg" cgn'cdVUb`hU'z'\UHCE'Y'` b f[ mYh'gY [ #gf[ f] Y'z'a U'X'Un'c'XU'U'z'b'hU'z'\UHCE"y nYbYh\_`Xfg"[ ca VfU' \_Uhh]bh'h'<U'j ]ng[ U' ggnYg'\U' [ UHCEzbU\_'gnYfYbY' nYbYhYh\_`XYb]z'U\_\_cf'\_Uhh]bhgcb'Un'cgn'cd ZY^fVfVYb'hU'z'\UHCE'Y'` b f[ mYh'VY"

(" ("A CEXcg#hzg

9nh'Un'cdVUChj z'Ugnhj U'Un'UXch'hj ]ng[ U'UXUH]h'hi X'U'a CEXcg#hU] "9\_\_cf'i [ mU'UffU'U'ZY'`YhfY' h'Y'z a ]bh'Ua ]\_cf'U'j ]ng[ z'\_]ghz'zbU\_'U'z'b'hU'z'\UHCE"i ^j ]ng[ U\_]#z gU"[ ca VfU\_'Uhh]bh'h'UnnU'U \_`" bVgf[ [ Y'z'c[ mU'a Ybbm]VYb'a z f'Y'Ybh\_YnYh'h\U' [ UHCEUn'UXch'hj ]ng[ UU\_'U'ca fUz'U\_\_cf'a z f'VgU\_ j ]ng[ z\cn'hUf'hcncEj ]ng[ znhUHCE\_Uh'fg'hYfa Y\_Yh'z' U'Ua ]bh'U'j ]ng[ z\cn'\_UdVg'c'CEXCE'Y#z gh'hi X'U gnYf\_YgnhYb]"5 j ]ng[ U'UXUH]bU\_'gnYf\_Ygnh'g'f' V j YVV']bZcfa zVUCh'Un'Y\_\_cf'a Y[ 'Y'Yb' ZY'`Yh g' [ CEzVUbz]'Yh'Y'U'Xc\_i a Ybh'VCE"i ^j ]ng[ U\_]#z gU'z'j ]ng[ U'UXUhc\_'a CEXcg#h'gU'`Vh' ZY'YnYh'fVYb hU'z'"

(" ""J ]ng[ U'h' f'fgY

9nh'U'a Yb' dcbh'z' z'Ugnhj U'Y'Y'h gf[ Y'j Ub'Un'UXch'hj ]ng[ UU\_'U'a U'h'h' f'`b]U'fYbXgnYfV' z' Ua Ybbm]VYb'a f[ 'bYa' Y'Ybh\_YnhY\_'U' [ UHCE\_YffY'Un'U\_'U'ca fU"

) ""i ^j ]ng[ U\_]#z gU

9[ m' ^j ]ng[ U\_]#z gz\cn'\_Uhh]bhgcb'Un'c'XU'U'z'b'hU'z'\UHCE"i ^j ]ng[ U\_]#z gU"[ ca VfU'"5n'Y\_\_cf a Y[ 'Y'Yb' ZY'`Yh'Yb'hi X'U'gnYf\_YgnhYb]U'j ]ng[ U' ggnYg'UXUhz'h'z'fg']h'j Ub'Y'Y'h gf[ Y'U'j ]ng[ zVCE a zgc'Uhc'h'f'hY'\cnb]"J ]ng[ U'a CEXcg#h'gU'\_cf'i [ mU'Yn'U'ZY'`Yh'Y'Yb]\_a Y[ z'XY'Ua Ybbm]VYb'a z f'Y'Ybh\_YnYh'h\U' [ UHCEUn'UXch'hj ]ng[ UU\_'U'ca fUz'U\_\_cf'a z f'b]bVg'Y'Y'h gf[ Y'U'j ]ng[ U' ggnYg'UXUhz h gnYf\_YgnhYb]"5nz'c[ mYn'i hCEV]YgYhVYb'U'j ]ng[ U'a Y'mUXUH]h'a CEXcg#h'U'h'Uz' ]bh'fna fbn] VYz`#z gc\_`Z [ [ j fbnY"

\* ""?i fni g'UXUhc\_

9VVYb'Un'UV'U\_VUb'U\_'j z'Ugnh'ch'i\_fni g'UXUH]Y'YbbY\_z'Z'Y\_fY'Vcb'hj U'"5 j ]ng[ z'\_ZY'` ]bXi' j U Y'g' gcfVUb' ]bZcfa zVUCh'hi X'gnYfYnb]U'\_i fni gc\_fCEz'fg'UXa ]b]gnh'z'VCE'U'Yn'\_Yj f'gVf'\Ugnbz'\UHCE Ynf'h'Un'h'U'j Ugc'`i \_z'c[ m'Un'C\_hUhz'gP?i fni gc\_'a Yb' dcbh'ch'Ugnbz'U' ]b\_zVV'YffY'U'Y'fU'"5 j ]ng[ z'\_ZY'` ]bXi' j U'U'a Y[ 'Y'Yb' Z'Y'f'g'U'\cnz'`i \_`UdVg'c'CEXCE'z' b\_VCE'U\_'`j Yh\_Yn\_.

\* "%"5'Ud'UXUhc\_

-h'U\_'j z'Ugnh'ch'i\_fni g'U'Udj Yh'UXUH]Y'YbbY\_'a Y[ "

\* "&"?i fni g'\U' [ UHCE

-h'U\_'i fni g'\U' [ UHCE]h'z'h'U'Y[ m'hz'V'znUh'U'z'a Y'mbY\_'Y[ m'gcfzFU'cVV' [ ca VVU\_'Uhh]bhj Uz'j U[ m U'gcf'j f[ fb'hU'z'\UHCE]\_cbfU'VU' [ ca VVU\_'Uhh]bhj U'a Y[ 'Y'Yb' `y nYbYh\_`Xfg" `a Yb' dcbh gY[ #gf[ f] Y'Un'UXch'h'U' [ UHCEbU\_'hi X'`nYbYh'h'#b]"5n'Y'Yn'gn'\_gf[ Yg'ZY'`Yh'U'a Yb' dcbh \_]j z'Ugnh'z'gU' i hz'b'Y[ m'UVV'ZY' [ fCEUV'U\_VUb'Y'Yb]\_'a Y[ z'YbbY\_'Y#z'gz'h'U' "" "&!Yg'dcbhVUb hU'z'U"

5'hz'V'znUh'U'U'h'hU'z'\UHCE"7gcdcfhcg' nYbYh\_`Xfg"[ ca VfU\_'Uhh]bhj U'Y[ mgnYffY'hi X'`nYbYhYh \_`XYb]U'\_i fni g' ggnYg'\U' [ UHCEzbU\_'z'YbbY\_'U'z' b\_VCEbU\_'U'Y#z'gh'YnYb'ZY'YnYh' "" "%Yg'dcbh'z'VUb hU'z'U"

\* "" "v] \_" n]ZY'UXUhc\_

-h'z'h'U'h'Uz'c[ mUn'UXch'h'\_i fni g'cn'a ]nYb'fj \_" n]ZY'UXUhc\_`j UbbU\_'ZY'j f] Yz'Z'`hi X'j Ybb]` ^ fj \_" n]ZY'UXUhc'h'z'h'hi X'a zgc'b]a zg'\_i fni gfCE'fj \_" n]ZY'UXUhc'h'z'j U[ mUn']h'h'fj `ZY'UXUhc\_Uh'\cnz hi X'U'UXb]a zg'\_i fni gc\_\cnz'fg'Z'`hi X'U'j ]bb]Un'fj \_" n]ZY'UXUhc\_'YfYXa fbnY]h"

\* "" "%"i ^fj \_" n]ZY'UXUhc\_\cnz UXz gU

i ^fj \_" n]ZY'UXUhc'ZY'j f'h'f'Yn'\_Uhh]bhgcb'Un'UV'U\_'U'z'b'hU'z'\UHCE"i ^Z'j f'h'Y'` [ ca VfU'"9ni hz'b'Y[ m ZY' [ fCEUV'U\_VUb'a Y[ UX\Uh'U'Un'fj \_" n]ZY'UXUhc'UXUH]h'"5'h'di g'a Yn VYb'j z'Ugnh'UHCE'h'di gc\_'fd". Xc[ cnU'h'nz'f'h'Y'n]z'gh'V'z'fg'U'\cnz'`i \_`hUf'hcncEj z'Ugnh'UHCE'f'h'f'\_Y'fg]a CEXc\_'fd". Y[ m'z'j U[ m dcbh'Un' ]bh'fna fbn]VYz`#z gc\_hCE'Z [ [ bY\_"5'ZY'UXUhc'gcfgnza zbz'UX'cb'a Y[ Y[ m'c'mU'gcfgnza chz Ua ]bYa' hUf'hcnc'\_Y[ m'h'Yb'z'a z f'U'\_i fni g'cn'fYbXY'h'fj \_" n]ZY'UXUhc'cn'gYa ""5'dCh'z'gc\_'a U'`gnza U a Yn VYb'UX\Uh'U'a Y[ z'c[ mUn'UXch'h'ZY'UXUhc'h'z'bz'gncf'Y'Y'h'dCE'c'b]z'U'ZY'UXUhc'f'h'f'\_Y'fg'f'f'Un

Y'g 'ffhf\_Y'fgYb' \_j ' 'Ybbm]gnYf'hi X'U'a U'X'Z'j ]bb]Un'UXcchi'Z'UXUh'YfYXa f'bm'f'h\U''[ U'hE'f'f'bh' '5 d'f'z'g'h'di'gz'bz' 'a Y[ UX\Uh'U'z'\c[ m'Ua Ybbm]VYb'Y[ m'\U''[ U'hE'h' VV'ffhf\_Y'f'gh]g' \_Ud'Un'UXcch Z'UXUh'f'U'z'U'\_\_cf'Unc\_Uh'\c[ m'Ub'gnYfY'h'f'VYgnz'a #h'Ub]U'U'U''[ U'hE'j'f[ g'YfYXa f'bm'Y'f'bh'Un'UXcch Z'UXUh'cn"

\* "" "&"'vj' \_" n]'Z'Y'UXUh'gnYf\_Y'g'nh'f'gY

9[ m'f'j' \_" n]'Z'Y'UXUh'hi'U'X'cb'gz[ U]bU' \_gnYf\_Y'g'nh'f'g'f\Yn' \_U'h]bh'g'cb' 'c'vV'[ ca VVU'Un'UXcch'f'j' \_" n]'Z'Y'UXUh'g'c'f'z'f'U'z'j' U[ m'VU'U' \_g'c'f'j' f[ f'b'h'U'z'\U'hE]\_c'bf'U'z'f'g'U'a Y[ 'Y'Yb' 'Z'i [ f'E'a Yb'V' ' j'z'U'ggnU' \_]U'G'nYf\_Y'g'nh'f'g'cd'W'f'f'f'

\* "" "" ""'vj' \_" n]'Z'Y'UXUh'YfYXa f'bm'f'b'Y' \_VY'f'z'g'U'z'gnYf\_Y'g'nh'f'gY

9[ m'f'j' \_" n]'Z'Y'UXUh'YfYXa f'bm'f]b'Y' \_gnYf\_Y'g'nh'f'g'f\Yn' \_U'h]bh'g'cb' 'c'vV'[ ca VVU'Un'UXcch'f'j' \_" n]'Z'Y'UXUh'g'c'f'z'f'U'z'j' U[ m'VU'U' \_g'c'f'j' f[ f'b'h'U'z'\U'hE]\_c'bf'U'z'f'g'U'a Y[ 'Y'Yb' 'Z'i [ f'E'a Yb'V' ' 'j'z'U'ggnU' \_]Un'9'f'YXa f'bm'Y' \_c'd'W'f'f'f'

9\_\_cf'Y[ m'•UVV'Z'i [ f'E'UV'U'V'Ub'a Y[ 'Y'Ybb'Y' \_U' \_i'fni'g'\U''[ U'hE]b'f'j' \_f'g'b'Y'd'hi' b' \_E'X'gnYf]b'h'z'f'g' a'Y'Y'h'h'U'bbm]c'gn'cd'z'U'z'b'm'Y'f'YXa f'bm'hi'Un'UXcch'f'j' \_" n]'Z'Y'UXUh'cn'f' [ n'h'Yb]'Y'Y'h'f'Y'n'Un'f'j' \_" n]'Z'Y'UXUh'UXUh]b'z' 'a Y[ UXcch'd'f'z'g'c' \_a' U' 'gnz'a'U'Z' '%&'5n'Y'f'YXa f'bm'Y' \_Z'j' ]h'Y'f'Y'n'j' U[ m'gnYf\_Y'g'nh'f'g'f\Yn' \_U'h]bh'g'cb'U'' ]gh'U'Uncb'Y'Ya' f'f'Y'z'Ua' Y'm'Y'h'gnYf\_Y'g'nh'Yb] \_j'z'b'z'Y'\_\_cf'a' Y[ 'Y'Yb' \_U' \_j]z'U'gn'h'U'h'E'Y'f'YXa f'bm'Y' \_]g'h'z'U''5n'Y'f'YXa f'bm'Y' \_Y[ m'gn'Y'f' \_]j'z'U'gn'h'z'g'z'cn'i [ m'Ub' [ m' \U'gn'bz'\U'hE] \_Un'Y[ m'Y'g'Y'f'YXa f'bm'Y' \_Y'n'X' VY'h' ]z'j' U[ m'gnz'a'U]z'U'' ]g'h'z'b'VY'' ]b'Uj' ]z'z'g'cn'd'YX][ 'U'bm]U' \_f'g'Un'Y'b'h'f'z]'U'h'U'V' ]Y'b'hm' \_z'a' ]bh'U' \_i'fni'g'Y[ m'VY'f'z'g'z'z'j' U[ m'U'j' ]ng[ U'Y[ m'VY'f'z'g'z'z'j' ]

\* "" "" ("A Y[ 'f'j' \_" n]'Z'Y'UXUh'\c'cnz'UX'z'g'U'Un'U' \_hi'z' ]g'U'b'a Y[ b'm]h'c'h'h' \_i'fni'g'\c'n

<U'z'h'gnYfY'h'Y'a'z'g'c'b]Y[ m'ia'z'f'a' Y[ 'f'j' \_" n]'Z'Y'UXUh'ch'Y'\Y'n'U' \_i'fni'g'\c'n'z'U'\_\_cf' \_U'h]bh'g'cb'U'Z'Y'UXUh'c' \_]g'h'z'z'b'U' \_U'z'b'h'U'z'\U'hE'A'Y[ 'f'j' \_" n]'Z'Y'UXUh'\c'cnz'UX'z'g'U'' [ ca VfU''9\_\_cf'Y[ m'•UVV'UV'U'V'Ub'a Y[ 'Y'Ybb'Y' \_U'a'z'g' \_i'fni'g'c'\c'n'f'Y'b'X'Y'h'f'j' \_" n]'Z'Y'UXUh'c' \_z'a'Y'n'Y'V' \_U' \_j]z'U'gn'h'c'gn'cd'V'Ub'h'U'z'\U'hE' 'Y'' \_b'f[ m'Y'h'g'Y[ #g'f[ f'j'Y' 'hi'X'U'a' Y[ 'Y'' \_b]z'\c[ m'ia'Y'm'Y'Y'h'gnYfY'h'f'Un'UXcch' \_i'fni'g'\c'n'\c'cnz'UX'b]"9ni'hz'b'Un'UV'U' \_U'z'b'h'U'z'\U'hE'<c'cnz'UX'' [ ca VfU' \_U'h]b'h'j'U'z'U' \_j]z'U'gn'h'c'h'i'Z'Y'UXUh'c' \_VY'Y'f' \_b'Y' \_Un'UXcch' \_i'fni'g'\c'n'z'f'g'a' Y[ 'Y'Ybb'Y' \_Un'f'j' \_" n]'Z'Y'UXUh'c' \_]g'h'z'z'V'Ub"

\* "" "" ""'vj' \_" n]'Z'Y'UXUh'c' \_\c'cnz'UX'z'g'U'a'z'g' \_i'fni'g'c'\c'n

<U'Y[ m'z'j' U[ m'h' VV'f'j' \_" n]'Z'Y'UXUh'ch'gnYfY'h'Y'z'ha'z'g'c'b]a'z'g' \_i'fni'g'c'\c'n]g'z'U'\_\_cf'Y' \_gn' f'U' ?]z'U'gn'h'c'gn'cd'V'Ub'h'U'z'\U'hE'Y'' \_b'f[ m'Y'h' \_g'Y[ #g'f[ f'j'Y' 'j'z'U'ggnU' \_]Y'n'Y'Y'h'U'Z'Y'UXUh'c' \_U'h'z'a'U'X' \_U'h]bh'g'cb'U'' :Y'UXUh'\c'cnz'UX'z'g'U'a'z'g' \_i'fni'g'\c'n'' [ ca VfU''5' \_i'fni'g'c' \_U'h'Y[ m'Y'\_\_cf'a' Y[ 'Y'Yb' '•UVV'UV'U'V'Ub'hi'X'U' \_j]z'U'gn'h'U'b]"5n'UV'U'V'Ub'Unc' \_U' \_i'fni'g'c' \_Y'Ybb'Y' \_a' Y[ z'a'Y'n'Y' \_b'f'x'b'c' \_h'U'hE'z'j' U[ m'Ua'Y'n'Y' \_c'm'Ub' \_h'z'f[ n'h'cn'h'U'f'cn'b'U'z'Ua'Y'n'Y' \_b'f'x'b' \_h'z'f[ m'Z'Y' \_g'c' \_h'U'hE'5' \_i'fni'g'c' \_gn' f'Y'h'Y' \_h'z'f[ m'h'di'g'z' \_i'fni'g'h'di'g'f'g'Z'f'j'U'U'd'z'b''5'Z'Y'UXUh'f'c' \_E' \_j]z'U'gn'h'c'h' \_i'fni'g'c'\c'n'UX'z'g'z'cn'U' \_i'fni'g'c' \_]g'h'z'z'V' \_U''? ]z'U'gn'h'c'gn'cd'V'Ub'h'U'z'\U'hE'Y'' \_b'f[ m'Y'h' \_g'Y[ #g'f[ f'j'Y' 'Y''Y''Y'a' Y[ z'\c[ m'ia'Y'm' \_i'fni'g'c'\c'n'gnYfY'h'f'\c'cnz'UX'b]Un'UXcch'Z'Y'UXUh'c'f'U'h'z'a'U'X' \_U'h]bh'g'cb'Un'UV'U' \_U'z'b'h'U'z'\U'hE' "A'z'g'c'' [ ca VfU''5'Z'Y'UX'U'ha'z'g'c'z'g'a' Y[ h'f'f'Y'b'h'f'f' \_U'f'Y'b'X'gn'Y'f'j' ]ggnU'Y'n'f'gh'UX"

\* "" "" ""'vj' \_" n]'Z'Y'UXUh'h' f'f'g'Y

9[ m'j' U[ m'h' VV'f'j' \_" n]'Z'Y'UXUh'h' f'f'g'f\Yn'Y' \_gn' f'U'Z'Y'UXUh'c' \_]g'h'z'z'V'Ub'U''? ]z'U'gn'h'c'gn'cd'V'Ub'Y'' \_Y'a' Y[ z'\c[ m'ia'Y'm'Z'Y'UXUh'c' \_U'h'gnYfY'h'f' \_h'f' \_b]z'a'U'X' \_U'h]bh'g'cb'Un'UV'U' \_U'z'b'h'U'z'\U'hE' "H' f'f'g'' [ ca VfU"

\* (" '6Y'Z]n'Y'h'Y'h'h'f'h'Y' \_

#h'z'h'U'h'U'z'\c[ m'U'\U''[ U'hE' \_a' ]n'Y'b'VY'Z]n'Y'h'f'g'Y'Y'h'Y'gn'\_n' 'h'Y' \_Un'UXcch' \_i'fni'g'\c'n' \_Ud'W'g'c'X'f'f'f'f'5n'UV'U' \_h'Y'h'Y'f'b'h'U'z'\U'hE'z'U'gn'h'E]g'h'U'g'Y[ #g'f[ f'j'Y' ' \_' \_b]z' \_' \_b]Y'h'Y'Y[ m' h'Y'g'Y'b'a' Y[ 'hi'X'U'Y'Y'b'h'Yb]Un' =j'f]ga' f'h'Y'h'j' ]ng[ U'k'X'z'U'U'h'z' ]Y'h'Y'U' \_' \_' \_bV''n' \_gnc' [ z'h'U'z'g'X'z'U'Uh'

\* ") 'j' ]ng[ U'U' \_U'a' U' \_

9n'Yb'U'Z' \_' \_b'U' \_j]z'U'gn'h'c'h' \_i'fni'g'j' ]ng[ U' \_U'a' U]bU' \_]g'h'z'z'h'h'Y' ]bh'Y'h'a' Y[ "'<U'Y[ m'j' ]ng[ U'g'c'f'z'f'U' \_c'vV'[ ca VVU' \_U'h]bh'z'j' U[ m'U'g'c'f'j' f[ f'b'h'U'z'\U'hE]\_c'bf'U'V'U'' [ ca VVU' \_U'h]bh'z'U'\_\_cf'Un'c'h'ia' Y[ 'Y'Yb' '6' j'YV'V' \_c'd'W'f'f'f'z'U'gn'h'j'U'U' \_j]z'U'gn'h'c'h'j' ]ng[ U'UXUh]a' Y[ 'Y'Ybb'Y' \_Y[ m'Z'Y'i [ f'E'UV'U'V'Ub'z'a'Y'n'b'Y' \_a' \_X'X'f'g'Y'h'Y'g'Y'b'a' Y[ Y[ m'Y'n] \_Un'Y'n'Y'b'Z'Y'Y'n'Y'h'(!Y'g'd'c'bh'z'V'Ub' \_]Z'Y'h'Y'h'Y''

i ^j ]ng[ U'\_]#fz gUžj ]ng[ U'UXUhc\_'a ŒXcg#hz gU

9nYb'U'ZY''YhYb'hi X'Y[ m'•^j ]ng[ UU'U'a Uh\_]#fb]ž'fg ]hj Ub''Y\Yh gf[ Y'U'j ]ng[ zVŒ'a zgc'Uhch
'fhfY\cnb]'J ]ng[ U'a ŒXcg#hz gU\_cfi [ mUbyn'U'ZY''Yh'Y'Yb]\_a Y[ ž'XY'Ua Ybbn]VYb'a z'f'Y'Ybh\_YnYth
\U' UhcEUn'UXchj ]ng[ UU'U'ca fUž'U\_\_cf'a z'fb]bVg''Y\Yh gf[ Y'U'j ]ng[ U'' ggnYg'UXUzh'ignYf\_Ygnh'Yb]"
5nž' \c[ m'Yni' hŒV]'YgYhVYb'U'j ]ng[ U'a Y'mUXUH]hi'a ŒXcg#h Uh'Už' ]bhfna fbm]'VYz''#zgc'\_Z [ [j fbmY"

%"5'Udj Yh 'UXUhc\_'a Y[ UXz gU

5'j ]ng[ U'U'Udj Yh 'UXUH]h'U'ZY''Yh'ZY'g 'f'fgnfb'UX\Uh'U'a Y["'9'g \_fbhj z'UggnU'\_]U'j ]ng[ U'hdi gz h
U'a Y[ UXch'i'Y\Yh gf[ Y'\_ 'n''5'j ]ng[ U'YnXYhf'bf'fgj f[ fbf'U'Xzhi a ch'U'a Yn' 'a Y'Yth]\_]g\_]cbfU
\_Uh]bhj Už'U'a Y[ 'Y'Yb 'UV'U\_VUb'hi X'U'\_] z'UgnhU' ]5'a Ybbn]VYb'U'j ]ng[ z\cn'Un']bhfna fbm]
VYz''#zgc'\_hŒZ [ [ Yh'Yb 'Y'Ybh\_Ynfg] ]X' gnU\_c'h'gnYfYhbY\_VYz''#U'ž'U\_\_cf'hr'hgY\_]U'gU'zh
j ]ng[ U'Y'Ybh\_Ynfg] ]X' gnU'\_YnXYhf'bf'fgj f[ fh]g''5'j ]ng[ znhUhc'z'h UhCEU'\U' UhcE'\_gnza z'fU
'Y'' b'f[ mYh'gY[ #hg' f'j Y'Unh'hi X'U'VYz''#U'ž' \c[ m'U'U' UhcE'\_U'U' UhcE]'k VYVb''z'h Uh'z'! Y'U
j ]ng[ znhUhcE'k'byj f'h''5''Y#z'g'a Yn VYb'UX\Uh'a Y[ 'bU[ mcVV'hf'YXY'a ž'U'j ]ng[ z\cn'\_UdVg'ŒXŒ
]bZ'fa z'VŒ\_Uh"

&"J ]ng[ UU'U'ca \cn'hUfhcnŒ\_i fni gc\_'\_YnY'fgY

&"%"?i fni gc\_'\cnnz UXz gU

?i fni gc\_'Uh'U''?i fni g'\cnnz UXz gU'U'j ]ng[ z\cn'' [ ca VfU'\_Uh]bhj U'j z'UgnhUh'\_] Un'UXch
j ]ng[ UU'U'ca \cn''5' [ ca VfU'\_Uh]bhj Už'Y[ m'ZY' [ fŒUV'U\_VUb'Y'YbbY'\_a Y[ 'U'j z'UgnhUhŒ\_i fni gc\_'
5n'c'XU''hYh'Yb' h'U'z'\UhŒZ'f'j ''Y[ "fX'' ]ghU'gY[ #hg' f'j Y'j z'UgnhUh'U'ž' \c[ m'a Y'm'Z'f'f]
\_] fni gU]h'gnYfYhb'f' ]ghz nb]'5n'c'\_Uhch'i' fni gc'\_Z'' b'z'h UhŒ\_'Unc'\_U' fni gc\_ž'U'a Y'mY'\_Yn'x b
c'\_UhŒ'f'bh'cnnz'j Ub'fYbXY'j Yž'Un'' ggnYg'\_i fni g'Z'' b'dYX][ 'Un']bhfna fbm'' ggnYg'\_i fni gU
a Y[ 'Y'Yb]''5n'c'\_Uhch'i' fni gc\_'\_' n'' h'Un']bhfna fbm]'VYz''#zgc'\_hŒZ [ [ 'Yb'j U[ m'Un'' ggnYg
c'\_Uhch'i' fni gU'a Y[ 'Y'Yb]\_f'Ua Y'm'\_a f[ 'b]bVg'Un'UXch'j ]ng[ z\cn'fYbXY'j Yž'j U[ m'VgU'\_Unc\_ž
a Y'mY'\_j ]ng[ U'hdi gU'a Y[ Y[ m'Yn]\_'U'j ]ng[ UU'U'ca 'U'Udj Yh 'UXUH]bz''VYz''#ch'hj ]ng[ U'hdi ggU''5n
'' ggnYg'\_i fni g'Z'' b'x bbY'\_Y\Yh gf[ Y'j Ub'U'\_i fni gc\_'\_]ghz ž'h'U'hz f[ m'\_Œ'Už'byj Yž'U'hz f[ m\cn
hUfhcnŒgnYfj YnYh]Y[ mgf[ ž'U'\_i fni g'hdi gUž'\_'Yh Y'U'\_i fni g'j ]ng[ Uhdi gU'gnYf]bh'gn' fb]"

5'\_i fni g'j ]ng[ Uhdi gU'VgU'\_UVVUb'Un'YgYhVYb'j z'UgnhUhŒ'\U'Un']bhfna fbm]'VYz''#zgc'\_
a Y[ Yb[ YX]ž' \c[ m'h' VVZ'Y' hdi g'•'j ]ng[ zh'jg''Y\YggYb' hUfhU' ]Y[ m'U'U'ca 'YfYhVYbž'Y'Yb\_Yn
YgYhVYb'Yn'U'a Yn 'bYa 'U\_hj "

GnYfj YnYh]Y[ mgf[ '\_] z'Ugnhgz \cn'\_Uh]bhgcb'U'a Yn' 'a Y'Yth'U'z'\UhŒ'''''''''' [ ca VfUž'Y\_\_cf'Y[ m'•^
UV'U\_VUb'a Y[ 'Y'Yb]\_'Un']bhfna fbm'gnYfj YnYh]Y[ mgf[ Y]bY'' ]ghz 'Už'a Y'mV''U''? ]j z'Ugnh''cgn'cdVUb
hU'z'\UhŒ'Y'' b'f[ mYhY'\_gY[ #hg' f'j Y''hi X'U'\_] z'UgnhU' ]U'ž' z'bh'gnYfj YnYh]Y[ mgf[ Y\_Yh''9ni hzb'Un
''C?' [ ca VfU'\_Uh]bhj U'\_Yf'' ]ggU'U'\_i fni gc\_'\_] z'Ugnhgz fU'gnc' [ z'ŒUV'U\_VU''<U'U'gnYfj YnYh]
Y[ mgf[ 'gnYf]bh]gn' f'fg'h'a Y[ 'U'Uf'U'gn' bhYb]ž'U\_\_cf'\_Uh]bhgcb'U'a Yn' 'a Y'Yth'U'z'\UhŒ''?'Y'' h'Y'\_
h' f'fgY'' [ ca VfU''5'gnYfj YnYh]Y[ mgf[ Y\_fY'j cbUh\_cnŒgn' f'fg'Unc\_Uh'U'\_i fni gc\_'Uh'UX'U'YfYX'a fbm'ž
a Y'mY'\_UdVg'ŒXŒ'fz f[ m'U'U'\_] z'Ugnhch'ignYfj YnYh]Y[ mgf[ \Ynž'j U[ m'U'gnYfj YnYh]'\ ]YfUfW [zVUb'Yn
U'z'hUfhcnŒgnYfj YnYh]Y[ mgf[ Y\_'j U'Ua Y'm]\_f'Yn'hUfhcn]"

<U'VYz''#ch'U'U'a Y[ Z'Y' 'gn' f'fgY\_Yhž'U\_\_cf'\_Uh]bhgcb'U''Gn' f'fg'' [ ca VfUž'Yni hzb'U'\_i fni gc'\_
]ghz ž'VUb'a z'f'VgU'\_U'\_] z'Ugnhch'Z'f'h'Y\_bY'\_a Y[ Z'Y' 'i fni gc\_'Y'YbbY'\_a Y[ "

5'\_i fni gc\_'\cnnz UXz gz \cn'\_Uh]bhgcb'U''? ]j z'Ugnh''cgn'cdVUb' hU'z'\UhŒ'Y'' b'f[ mYh'Y'Un'UXch
'\_i fni gc\_'gczVUbž'a U'X'Un'UV'U'\_U'ž'b' hU'z'\UhŒ''? ]j z'Ugnhch'\_i fni gc\_'\cnnz UXz gU'' [ ca V'\Uh'gz fU
Un'' ggnYfYbXY'fg'a Y[ h'fh'fb]\_ž'fg'U'\_i fni gc\_'a Y[ 'Y'YbbY\_'Un'j ]ng[ UU'U'ca 'gnYf\_Ygnh'ZY''Yh'fb'U
?i fni gc\_' ]ghz VUb"

&"&"?i fni g'UXUH]b\_U'a Y[ UXz gUž'a ŒXcg#hz gU

5'?i fni gc\_' ]ghz VUb'a Y[ UX\Uh'U'U'Y'Ybh\_Yn '\_a U] ]a z' ]g'gnza z'h'\_i fni gcb'\_fbhž'\_'Yh Y'Ua Ybbn]VYb
Un']bhfna fbm]'VYz''#zgc'\_Yn'h'Y\Yh j f'h'gn]ž'U\_\_cf'U' ]ghz VUb' hU'z'\UhŒ'Y[ "fX'' 'a Yb''
gY[ #hg' f'j Y'VYz''#hUh'U'U'\_i fni g'j ]ng[ Uhdi gz h]gž' # [ m'Y\Yh j f'j z']ž' \c[ m'Y[ m] ]ng[ UU'U'ca a U
'\_'' bV'' n'' hdi g'•'j ]ng[ z'Uh'hi X'cb''YVcbnc'#U' ]<U'a z'f'Y'Ybh\_YnYth'\U' UhcE'U' ]ng[ z'fUž'U\_\_cf'U
\_f'g VV]Y\_VYb'Un']bhfna fbm]'VYz''#zgc'\_hŒZ [ [ 'Yb'U'\_i fni g'Œ'Y'Ybh\_Yn'Yh '\U' UhcE'\_a U] ]a z' ]g
'fhgnza U'bYa 'a ŒXcg#h UhŒ'j U[ m'VgU'\_U'\_cfzVV]bz''bU[ mcVV'f'hf'\_UX\UhŒ'a Y[ "

&"''9' nYhYg'fg'j f[ 'Y[ Yg'\_ ] Yh'Y'a fbmY'\_a Y[ UXz gU

5'\_i fni gc\_'gczVUb'cVV' [ ca VVU''\_Uh]bhj Už'j U[ m'U'gcz'j f[ fb' hU'z'\UhŒ]\_cbfU'VU'' [ ca VVU
'\_Uh]bhj U'a Y[ 'Y'Yb 'a Yb'V''Y' '\ž' \UhŒUn'Y' nYhYgž'\_'Yh Y'U'j f[ 'Y[ Yg'\_ ] Yh'Y'a fbmY'\_

a Y[gnYf\_Ygnhf\_gfh\_Y\Yh j f'hfj 'UV\_U\_'=bhfna fbmj\_VYz`#zgc\_hCE'Z' [ [ Ybz'U'a z f'Y'Ybh\_YnYth \U' U' U' U' ca fUz'U\_\_cf'U\_' j Yh'a fbm' bYa 'gnYf\_Ygnh\Yh Y\_ "

9VVYb'Un'UV\_U\_VUb'U\_' j Yh'a fbm'\_' bV" n 'VY]'Ygnh\Yh 'a YHU!ZY'hfh'Y]'hdi gcb\_fbhY[ mY[ m 'Y[ " fX' ]ghzVCE' ]j z'Ugnh U'U'z'a U'X'Un'UXch'a Yn 'a Y'Yth]'<cnz UX' [ ca VfU'\_Uth]bhj U'\_Yf' bY\_VY'U\_' j Yh'a fbm'Yz'a Y'mbY\_'gn' j Y[ gYb'gnYf\_Ygnh\Yh 'Zcfa z'zh'U'fU'a UnnU'Un'UV\_U'\_VU'c'XU'z b HU'z\U'CEgn' j Y[ XcVcn"

5'a Y[UXch'\_' j Yh'a fbm'gn]bHU\_h[U]' \Y'mYggf[ f'h'Un'9'Yb' f'nf'g' [ ca VfU'\_Uth]bhj U'j ]ng[ z'U'U' a Y[ z'Un'YfYXa fbm'U' [ ca V'a Y'Yth'Y'Yb]\_a Y[ "5n'UV\_U'\_U'z'b'HU'z\U'CE" A Ybh'f'g' [ ca VfU'\_Uth]bhj U'U ZY'hfh'VY\_Yf' Un'UXch'j ]ng[ UU'\_U'ca 'UXch'i'fni gz\cn"

&"( "?" i fni g' h' f' f' gY

<U'Y'U\_U'f'h'z'j c'#Uj]Y[ m'j fni gh'Un'UXch'j ]ng[ UU'\_U'ca fCEz'U\_\_cf'\_Uth]bhgcb'c'VV' [ ca VVU'Un'UXch' \_i fni g'gcfz'fUz'j U[ mVU' [ ca VVU'U'gcf'j f[ f'b'HU'z\U'CE]\_cbfUz'f'g'Un'Y\_\_cf'a Y[ 'Y'Yb 'a Yb' V ' j z'UggnU\_'U'?" i fni g' h' f' f' gY'cdW'CE'<U'a z f'Y'Ybh\_YnYth\U' [ U'CEUn'UXch'i'fni gfCE'U'j ]ng[ z'fUz' U\_\_cf'U\_'i fni g'bYa 'h' f' \Yh "'=bhfna fbmj\_VYz`#zgc\_hCE'Z' [ [ Yb'Y' ZcfXi '\U'h'\c[ m\U'a zg \_i fni gfCE'Y'Ybh\_YnYh'U'j ]ng[ UU'\_U'ca fUz'U\_\_cf'gYa 'h' f' \Yh 'a z'f'\_i fni g'U'j ]ng[ UU'\_U'ca fCE"

9[ mgnYffY' h' VV' \_i fni g' h' f' f' gY\Yn'Y' "Y'\_'U' h' f' 'b' ]\_j z bh' \_i fni gc\_Uh'U' ? ]Y' " 'f'g'cgn'cdVUb' HU'z\U'CE 'Y' " ' b f[ mYh' \_gY [ #gf[ f'j Y'z'f'g'\_Uth]bhgcb'U' ]ghU'U'z'b'HU'z\U'CE" ? ]Y' " 'h'Y' h' f' f' gY' [ ca VfU' <U'gcb'CEb'Y[ mY[ m'j fni g' h' f' f' gY\Yn'z'Yn'Un'cdW'CEgYa 'z' f'YbXY'\_Yn'f'gYz'a z f'Y'Ybh\_YnYth\U' [ U'CE U'j ]ng[ z'fUz'Un' ]bhfna fbmj\_VYz`#zgc\_hCE'Z' [ [ Yb"

' " " J ]ng[ z'nhU'CE'\_YnY'f'gY

5'j ]ng[ z'nhU'CE'\_U' \_i fni gc'\_U'Uth]'ghzVUb'z'h'U'CE"'5'Ud'f'f'h'Y'a YnYh'Yb'U'j ]ng[ U' ]#CEU'VY\_Yf' U' j ]ng[ z'nhU'CE'\_ " n'f'z'XY'Ya Y'Yth'Y\Yh g'f[ Y'j Ub'h'z'z'VV' ]j ]ng[ z'nhU'CE\_Uh' ]g'ZY'j Ybb]z'U'j ]ng[ z'nhU'CE\_ ]ghz'z'VCE' h' f' 'b]z' ]Yh' Y'VYz`#Uj]z'c[ m'Un'Y[ n'Y'g' ]ng[ z'nhU'CE'\_a ]m'Yb'g'z'h' ggnU'f'YbXY'\_YnbY\_'5' j ]ng[ z'nhU'CE'\_ghz'h' g'z'h'U' ]ghU' h' d' i g'cgn'cdzVUb' HU'z\U'CE'Y[ " fX' ]ghU'gY[ #gf[ f'j Y' h' X'U' VYz`#Uj]"

' "% " J ]ng[ z'nhU'CE'\_\cnz UXz gU

i ' ^j ]ng[ z'nhU'CE'\_ZY'j f'h'f'Yn'\_Uth]bhgcb'U' ]ghU'U'z'b'HU'z\U'CE"U ]ng[ z'nhU'CE'\cnz UXz gU'U'j ]ng[ z'\cn' [ ca VfU'"9\_\_cf'Y[ mZY' [ fCEUV\_U\_VUb'a Y[ 'Y'YbbY'\_Un' ]bhfna fbm'c'\_HU'CE"'5n'c'XU' h'Yh'Y'f'b'HU'z\U'CE gn' f'f'gY'\_gY [ #gf[ f'j Y'BYd' h' b'\_CEz'bfj' f'g# U[ m'gnYfj YnYh' ]Y[ mgf[ 'U'Ud'z'b' h' X'U'gn' fb]\_Un'c'\_HU'CE\_ ]ghz'z'h"

GnYfj YnYh'Y[ mgf[ '\_j ]z'Ugnh'gz\cn'\_Uth]bhgcb'U'a Yn 'a Y'Yth'HU'z\U'CE'"""" [ ca VfUz'Y\_\_cf'Y[ m' ^ UV\_U\_VUb'a Y[ 'Y'Yb'\_Un' ]bhfna fbm'gnYfj YnYh' ]Y[ mgf[ Y'bY'\_ ]ghz'Uz'a Y'mV' 'U' " ? ]j z'Ugnh'cgn'cdVUb HU'z\U'CE'Y' " ' b f[ mYh' \_gY [ #gf[ f'j Y' h' X'U' ]\_j z'Ugn'Uj]U' \_j z bh'gnYfj YnYh' ]Y[ mgf[ Y\_Yh'9ni hzb'Un 'C? " [ ca VfU'\_Uth]bhj U'\_Yf' 'j ]ggnU'\_U' \_i fni gc'\_ \_j z'Ugnh'gz'fU'gnc' [ z'CEUV\_U\_VU'<U'U'gnYfj YnYh' ]Y[ mgf[ 'gnYf'bh' ]gn' f'f'gh'a Y[ 'U'U'f'U'gn' bh'Yb]z'U\_\_cf'\_Uth]bhgcb'U'a Yn 'a Y'Yth'HU'z\U'CE' ? ]Y' " 'h'Y' h' f' f' gY' [ ca VfU'"5'gnYfj YnYh' ]Y[ mgf[ Y\_fY'j cbU'h'cnCEgn' f'f'g'Unc\_Uh'Un'c'\_HU'CE\_Uh'UX'U'YfYXa fbm'z' U'\_U' \_j z'Ugn'ch'gnYfj YnYh' ]Y[ mgf[ \Yn'z'j U[ m'U'gnYfj YnYh' ]\YfU'fW' ]zVUb'Yn'U'z' h'U'f'hc'nCEgnYfj YnYh' ]Y[ mgf[ Y'\_j U'Ua Y'm]\_f\Yn' h'U'f'hc'n]\_ "

5'7gU'\_U'j ]ng[ z'\cn'f'YbXY'h'\_i fni gc'\_c'\_HU'CE'Y' " ' b f[ mYh'gY [ #gf[ f'j Y'U' h' VV' ]ZY'hfh'Y'a Y'Yth'Y h' X'U'gn' \_#Uj]\_Un'c'\_HU'CE\_ ]ghz'z'h'Unc'\_fUz'U'\_c'\_HU'CE'\_f'bh'gnYfYd'Y'bY'\_j U'Ua Y'm]\_z'U' j ]ng[ UU'\_U'ca \cn'f'YbXY'h'\_i fni gbz' "

<U'VYz`#ch'U'U'a Y[ Z'Y' 'gn' f'f'gY\_Yh'z'U\_\_cf'\_Uth]bhgcb'U' "Gn' f'f'g' [ ca VfUz'Yni hzb'Un'c'\_HU'CE\_ ]ghz'z'VUb'a z f'V'gU'\_U' ]j z'Ugn'ch'ZY'hfh'Y'bY'\_a Y[ Z'Y' 'c'\_HU'CE'Y'YbbY'\_a Y[ "

5' ]ghzVCE'U'j ]ng[ z'\cn'f'YbXY'b' ]\_j z bh'c'\_HU'CE\_Uh'Y' " 'Y'\_'U' " ? ]j z'Ugnh'cgn'cdVUb' HU'z\U'CE 'Y' " ' b f[ mYh'gY [ #gf[ f'j Y'z'a U'X'\_Uth]bhgcb'Un'UV\_U'\_U'z'b'HU'z\U'CE' ? ]j z'Ugn'ch'j ]ng[ z'nhU'CE\_ \cnz UXz gU' [ ca VfU'<U'j z'hc'n'U'hz'g'bf' ]\_j ]ggnU'\_j z b'h'f'fb]U'j ]ng[ U'UXU'U' ]\cnz'U\_\_cf'\_Uth]bhgcb U'"A f[ gYa " [ ca VfU"

' "&" J ]ng[ z'nhU'CE'\_h' f' f' gY

<U'Y'U\_U'f'h'z'j c'#Uj]Y[ m'j ]ng[ z'nhU'CE'Un'UXch'j ]ng[ UU'\_U'ca fCEz'U\_\_cf'\_Uth]bhgcb'c'VV' [ ca VVU'Un' UXch'j ]ng[ z'nhU'CE'gcfz'fUz'j U[ mVU' [ ca VVU'U'gcf'j f[ f'b'HU'z\U'CE]\_cbfUz'f'g'Un'Y\_\_cf'a Y[ 'Y'Yb 'a Yb' V ' ]j z'UggnU\_'U' "J ]ng[ z'nhU'CE'h' f' f' gY'cdW'CE'

9[ mgnYffY' h' VV' \_j ]ng[ z'nhU'CE'h' f' f' gY\Yn'Y' "Y'\_'U' h' f' 'b' ]\_j z bh' \_j ]ng[ z'nhU'CE\_Uh'U' ? ]Y' " 'f'g'cgn'cdVUb' HU'z\U'CE'Y' " ' b f[ mYh' \_gY [ #gf[ f'j Y'z'f'g'\_Uth]bhgcb'U' ]ghU'U'z'b'HU'z\U'CE' ? ]Y' " 'h'Y' h' f' f' gY'



=b Zc f a z W]CE

# GnYfj YnYh]Y[ mgf[ Y\_

9nYb`U`ZY`YhYb`Un`]bhfna`fbmignYfj`YnYh`\YfUfVW]z`z`bU`'a`Y[`ZY`Y`'ghfi`\_h`fzVUb`'a`Y[`Y`YbbY`\_`U`gnYfj`YnYh]`Y[`mgf[`Y`\_`"9[`m`Y[`mignYfj`YnYh]`Y[`mgf[`U`z`fYbXY`h`Y[`mgf[`Y]`bY`\_`'a`Y[`Y`Yb`#`h`f`g`f`Yn`\_`U`h]`b`h`g`c`b`U`Z`Y`h`h`Y`g`'gnYfj`YnYh]`Y[`mgf[`'b`Y`j`Y`'a`Y`Y`h`h`U`z`'\`U`h`E`Z`'`Y`f`Y`"

9[`mignYfj`YnYh]`Y[`mgf[`'f`f`g`n`Y`h`Y`g`'UXUHJ]`bU`\_`'a`Y[`hY`\_]`b`h`f`g`f`Yn`\_`U`h]`b`h`g`c`b`U`'gnYfj`YnYh]`Y[`mgf[`b`Y`j`f`f`Y`"9\_\_`c`f`Y`Y[`m`i`Z`Y`i`[`f`E`U`V`\_`U`V`U`b`z`'Z`'Y`\_`f`Y`V`c`b`h`j`U`'a`Y[`Y`Y`b`b`Y`\_`U`\_`]`j`z`'U`g`n`h`c`h`h`'gnYfj`YnYh]`Y[`mgf[`UXUHJ]`h`z`'•[`m`i`a`]`b`h`'U`U`d`U`X`U`h`\_`z`'W`h`a`Y`\_`z`'h`Y`Y`Z`c`b`g`n`z`a`c`\_`z`'I`F`@`W`h`a`Y`\_`z`'U`\_`U`'a`U`n`c`h`h`U`\_`z`'h`z`f`[`m`U`\_`'f`g`\_`f`d`n`f`g`Y`\_`"5`n`'U`X`U`h`\_`U`'k`Y`V`Y`b`\_`Y`f`Y`g`n`h`\_`'b`Y`a`'a`E`X`c`g`h`U`h`E`U`\_`z`'Y`f`f`Y`W`h`U`\_`U`n`'U`X`a`]`b`]`g`n`h`f`z`h`c`f`c`\_`z`'h`U`'\`U`g`n`b`z`'h`\_]`Y`b`g`d`f`c`[`f`U`a`V`U`b`j`U`b`'Y`Y`h`g`f`[`z`'U`'a`Y[`ZY`Y`'`c`[`c`g`i`'h`g`z`[`[`U`'f`Y`b`X`Y`\_`Yn`'gnY`a`f`'m`Y`\_`gn`z`a`z`f`U`"

# < U` [ Uh] j f`Ya fbmYnfg

9nYb`U`ZY`YhYb`z h\UhU`Un`" ggnYg`\_i`fni`gz h`f`g`Ua`Y`mY`\_`Yn`hUfhn]`\_`Ynz fh`U` [ Uh] j f`Ya fbmYnfg`  
c h`a`Y` [ `h` X`U`hY`\_]b hYb]`U` j f`Ya fbmYnfg`" ggnYg`hYh`YfYXa`fbmYh`"9nh`Unc`bz`U`\_i`fni`gc`bz`h`X`U`  
a`Y` [ hYbb]z`U`c`U`n`i`hc`g`Ecgn`cdVUb`gnYfYdY`U`"J`f`Ya fbmYnfg`a`Y` [ hY`\_]b hYfY`"gn`j`Y` [ ""9ffY`\_Uh]b h`U`  
a`Y` [ Y`YbbY`\_U`ZY`a`fffgVYb`gnYfYd`\_`ffXfgY`z`f`g`z`h\UhU`z`c` [ mUn`Y` [ mYg`\_ffXfgY`fY`\_z`bnUb`  
j`z`Ugnc`hU`z`a` ]mYb`a` ]b]a`i`a`z`]"`a`Ul` ]a`i`a` ]ffhf`\_Yh`UXhU`\_`a`Y` [ z`f`g`a` ]j`c`h`U`\_ffXfgY`UXc`h`j`z`Ugnc`\_`  
z`h`U` [ U`"

# ? ffX #j Y\_

9nYb 'U'ZY''YhYb'j Ub''Y\Yh gf[ 'Un']bhfna fbmiz'hU''\_fgn#Yth'\_ffX #j Y\_']h''hfgffY"

? ffX #j \_]h''hfgf\Yn'\_Uth]bhgcb'Vzf\c''U''ghzVUb'Un'UXcthi'\_ffX #j 'gcfzfUž'a U^X'Un'Y\_\_cf'a Y[ ^Y'Yb  
ZY''YhYb'j z'Ugnc'^cb'U'\_ffXfgY\_fY''Jf[ ''Un''9'\_''X'''[ ca VVU''hi X'U'j f'Ya fbmf'h'Un']bhfna fbmiZY'f  
hcj zVV\_''XYb]''5'a j Y'Yhi hzb'Un'UXcthi'\_ffX #j 'Y'h b]\_'Un'U\_hi z:]g'\_ffX #j Y\_''ghz'zVCE"

# 9[ mfV'gnc`[ z`hUhz gc\_

5'a Yb` dcbhcb`Y\Yh gf[ Y'j Ub'Z'h` hYb]J cXUZcbY`\_zfmUY[ mYb`Y[ fh'

5a Ybbm]VYb`J cXUZcbY`hY`YZcbbU`fYbXY`\_Yn]\_ž'fg'gnYfYhb'f'Z'h` hYb]Un`Y[ mYb`Y[ fhž`\_Uhh]bhgcb`U  
"J cXUZcbY`\_zfmUYZ'h` hYf'g`[ ca VfU`'9\_\_cf`Y[ mc`nUbc`XU'fU`'i hž`U\c`'Un`• ha i hUhz gh`\_`j Yh Yž  
]bhYfbYhYb`\_YfYgnh` `h` h\Yh]Z`'\_zfmz`z h'

y nY b Y hY \_

6Yff\_YnYhh~ nYbYhY\_

9nYb\_Un'c'XU'cb'hY\_bh\Yh]a Y[ 'VYff\_YnYhh~ nYbYhY]h'z'fg ]h]j Ub'Y\Yh gf[ Y'• ^n nYbYh'a Y[ #zgzfU ]g"  
5'BYdhi bVUub'~ nYbYhY\_Yh'Ud\Uh'U'Z'g c\_HUhzg] ]bh'na f'bm'Ubi 'a z'bm]~ [ mY\_\_Y'Zc[ 'U'\_cnCE  
a i b\_UhzfgU]hCEZ'U'h'VV]c\_HUhzCEZ'fg'Unc\_hCE'U'\U' [ UhCE\_hCEZ'U\_] 'gnza z'fU'x b'Ynh'Un'~ nYbYhY\_\Yn  
hUfhcnCE'6Yz''#zgc\_'Z'~'Yh'Yb'Yb[ YXf'mYnhY''9a Y'Yh'U'BYdhi b'a U[ U ]g'~'X'~ nYbYhYhUnc\_fCE'U  
fYbXgnYfVYb'VY\_'j Yh\_Yn 'YgYa f'bmY\_f 'z'Ua Y'mY\_f 'x b']mYb'f'fhYg#fgh'\_f''9nh'gn]bh'f'b'Un  
~ nYbYhY\_\Yn'hUfhcnCE'6Yz''#zgc\_'a Yb'~ dcbh'U'Uhh'h\Yh]a Y[ "

5n'~ nYbYhY\_' ]ghz'z'h'U'bmca hUhzCE]\_cbfUz'a U'X'U'a Y[ 'Y'Yb 'bmca hUhzg]\_fdbf'U'~ Bmca hUhzg' [ ca VfU  
\_Uhh]bh] U'h' X'U'\_]bmca hUhb]"

5nc'\_Un'~ nYbYhY]z'a Y'mY\_Yh'a f[ 'bYa 'c] UgchY'z'Zf\_' j f'f'VYh h'di ggU'~ Y'YbbY\_'a Y[ "

%"A Y[ 'Y'Yb #f'fg]z'\_YfYgfg]z'gcfYbXYnf'g]'Y\Yh gf[ Y'\_Un'~ nYbYhY\_' ]ghz'z'VUub  
y nYbYhY\_'YgYh'fVYb '\Ugnbcg'U' ]ghz'h'Un'f'f\_Ynf'g'Xzhi a U'gnYf]bh'Vg'\_\_Yb 'gcfYbXVYb'a Y[ 'Y'Yb #Yb]z'  
XY'U'Vta gcfVUub'Vz'fa Y'm]\_a Yn fY'fBYdhi b'\_CEZ'?~'X'z'Hzf[ n'z'vf\_Ynf'g'Xzhi a U'~\_Uhh]bh] U'U'hY'Yg  
]ghU'hUfhU'a z'h'gcfVU'fU'\U'h'U'U\_]z'Ugnhc'h'a Yn 'U'Ud'z'b"5n'z'\c[ m'fddYb'a Y'm]\_a Yn 'U'Ud'z'b  
j UbbU'\_gcfYbX'Yn'Y'Un'~ nYbYhY]z'cbbU'~z'h'U'h'Uz'\c[ m'Un'UXc'h'a Yn 'a z'g'gn'bb'Y'Y'Yb]\_a Y[ z'a ]bh  
U'h' VV]z'fg'U'a Y'YhY'fj ' ]g'bm]U'Vg'\_U'a i hU'h'U'U'fYbX'Ynf'g]fz'bnz'h"

5' ]ghU'hYhY'f'b'VYz''#h'U'h'Uz'\c[ m'Y[ m'Udcb'\z'bm'~ nYbYhY'h'Y'Yb #gYb'a Y[ 'U'fYbXgnYf'<U'U' ]ghU  
VgU'\_h' VV'Ud'fU'Z'f'\_]z'\_U'\_cf'U' ]ghU'hYhY'f'b'U'z'\U'h'CE'\_f'h]fz'bm'U'a i hU'h'CE'bn]U'\_U'z']Y'h'Y'Un  
c'XU'U'\_gcf'gnza z'fU'\_Uhh]bh] U'h' X'U'dc'bn]"

5'\_YfYgfg]\_cbfU'\_Uhh]bh] U'a Y[ 'Y'Yb]\_Y[ m'\_YfYgfg]Z'~'Yh'Un'~ nYbYh]ghU'hYhY'f'b'~'h'U'Yi [ fCE  
a Yb'V'\_ ]j z'Ugnh'U'h'Uz'\c[ m'Un'~ nYbYh'a Y'm'UXUhz'fU'gnYfYh'Y'\_YfYgb]z'Yni hz'b'UX'U'a Y[ 'U  
\_YfYgYbX 'gn' j Y[ Yh'z'fg'\_Uhh]bh]gcb'U'?'YfYgfg' [ ca VfU''9\_\_cf'U' ]ghz'VUub'a z'f'VgU'\_U'a Y[ UXc'h  
Z'h'f'h'Y\_bY\_'a Y[ Z'Y'~'Yj Y'Y\_'a UfUXbU''5'\_YfYgfg'h' fYXf'\_gnCEU' ]g'a \_"X]z'fg'bYa 'f'fnf'\_YbmU  
\_ ]g]\_fg'U'bU[ m'Yh'\_fY'<U'• 'fU'U'hY'Y'g' ]ghz'h'gnYfYh'f'z'h]z'\_U'\_cf'\_Uhh]bh]gcb'U'?'YfYgfg' [ ca VfU  
• [ n'z'\c[ m'U'?'YfYgYbX 'gn' j Y[ 'a Yn h'U[ m'U'~ fYgYb"

&"y nYbYhY\_'c] Ugz'gU'f'g]z'Ugn'fz'gU

y nYbYhY'c] Ugz'g'z'cn'\_Uhh]bh]gcb'fz'Un'UXc'h'~ nYbYh'gcfz'fU''5n'~ nYbYh'gn" j Y[ f'hY[ m'Z'i [ fCE  
UV'U\_VUub'hY\_bh\Yh]a Y[ "'5'~'j z'Ugn' [ ca VfU'\_Uhh]bh] U'Y\Yh gf[ Y'j Ub'Un'Unc'bbU' ]j z'Ugn'UXz'gfU''9n  
Un'cd'VCEfYbXgnYf'~ nYbYh'YgYh'fVYb'~ bYa '\Ugnbz'\U'h'CE'5'j z'Ugn'UXz'gfU' i [ m'U'Unc'\_U'gn'UVz'~ mc\_  
j cbU'h\_cnbU'\_z'a ]bh'U' ( " dcbh'U'U' ]Z'Y'h'Yh'~ nYbYh'fz'gfU"

' "y nYbYhY\_'h' f'fgY

<U'h'f'~'b]gnYfYh'Y'~ nYbYhY]\_' n'z'\_U'\_cf'd]dz'U'VY'U'\_ ]j z'Ugnhc'h'~ nYbYh'f'Y'\_gcfz'VUub'h'U'z'\U'h'CE  
Y'~'~' b f[ m'Yh'f'Y'z'z'a U'X'\_Uhh]bh]gcb'U'~'H'f'fg' [ ca VfU"

<U'Un'UXc'h'c'XU'cb'f'j ' " ggn'Yg'~ nYbYh'f'h' ]gnYfYh'f'~ h'f'~'b]z'\_U'\_cf'\_Uhh]bh]gcb'U'~'H'f'~'~'cgn'cd'VUub  
f'j 'Y[ Z'Y'g'~'Y'~'~' b f[ m'Yh'f'Y'z'a U'X'U'~'H'f'fg' [ ca VfU"

("y nYbYh'fz'gU

y nYbYhY'\_Yh'U'BYdhi b'Vz'fa Y'm'Z'\Ugnbz'CEz'bU'\_~'X\Yh'f'UXa ]b]gnh'fz'hc'fc'\_z'c\_HUhzCE'\_z'U' [ UhCE'\_z'z'a  
\_!'U'U'U' [ UhCE'\_ ]j f'h'f'j Y'~'VgU'\_UVVUub'Un'YgYh'Yb'Zc[ 'z'\_YnY\_Yh'a Y[ \_Udb]z'~'U'U'g'U'z'h  
VYz''#z'gU]\_bz'~'Yb[ YXf'm'Ynhf'\_Un'x b'gnza z'fU'Un'~ nYbYhY'\_~'X'f'g'f'h'9'Yb\_Yn 'YgYh'Yb'x b  
\ ]U'~ nYbYhY'h'Zc[ \_Udb]z'a ]\_cf'a Y[ dfCEz'~'U'Y'\_~'XYb]~ nYbYh'f'h'

i ^n nYbYh'fz'gz'cnz'\_Uhh]bh]gcb'Un'i ^n nYbYh' [ ca VfU''5'a Y[ 'Y'Yb 'UV'U\_VUub'f'U'VY'U'Vta nYh]j U[ m  
Vta nYhY'\_BYdhi b'\_CE'z'h'z'h'~'hgY'\_ ]Un'~ nYbYh'z'f[ m'z'h'z'fg ]f'dY'Y'VY'Un'~ nYbYh'gn" j Y[ f'h'~'9nYb  
a Yn \_ ]h'~'h'f'g'Y'a ]bXYb'\_fddYb'gn'\_g f[ Yg'Un'~ nYbYh'Y'\_~'X'f'g'f'Yn'~ y nYbYhY'\_Yh'VgU'\_U'BYdhi b'\_CE  
U'Ud'z'b'Y\Yh'\_~'XYb]~'H'V'V'Vta nYh'YgYh'f'U'\_CEc\_Uh] Y'ggn' j Y'j z'U'ggn'U'Y'Y[ ma z'ghCE"

5n'f'fj f'bm'Yggf[ 'j f[ Y'a Yn VY'h' X'U'Z'Y'Ybb]z'\c[ m'U'BYdhi b'a Y'bbm] ]XY][ 'h'z'fc'U'Un'UXc'h'~ nYbYhYh  
U'Vta nYh'~ dcbh]U]CE'z'VUub''9nh'U'a Yn h'bYa \_" h'Y'Yn \_ ]h'~'h'Yb]Y''5''Y[ Y[ n'gnYf' VVYb'• [ m'hi X'U  
\_ ]j z'Ugn'U'U' ]j z'b'h'Xz'hi a ch'z'\c[ m'U'a Yn 'a Y'Yh] \_ ]g'bUd'z'f]\_cbfU'\_Uhh]bh]z'a U'X'Un'Y'\_cf  
a Y[ 'Y'Yb 'bUd'z'f'Z'~'Yh'Yb'fz'\_Uhh]bh]U'\_ ]j z'Ugnhc'h'Xz'hi a fU"

5n'~'9a U]VYb' ]g'a Y[ \_Ud'U'~'Y'~'~' b f[ m'Yh'Y'U'\_cf'fU'\_cb'd]dz'h'z'\U'Un'h'gnYfYh'f'z'\c[ m'U'\U' [ UhCE'\_bU\_  
a ]bXYb'\_fddYb'a Y[ dfCEz'~'U'hcj z'V'V'U'U]U'fYbXgnYf'Ya U]VYb'Un'UXc'h'~ nYbYhY'h'z'Z [ [ Y'h'Yb'~'U'h'CEz'

\c[ m' \_'a ]h'z`#h'U\_`VY'z`h'U'zbcg'gnUVz`m\_fbh'

<U'j f[ nYhh'Un' nYbYh'a Y[ #zgzj U'z'U\_\_cf'\_'Uhh]bhgcb'Un'UV'U\_'U'z'b'fU'z\UhCE"9'\_'X" '[ ca VfU" <U  
a f[ gYa 'U\_Uf'U'Y'\_'XYb]'Un' nYbYhYh'z'U\_\_cf'Un'c'XU'U'z'b'fU'z\UhCE"J]gggU" '[ ca VfU\_'Uhh]bhj U  
a Y[ gnU\_#UUh'U'U'Zc'mJa Uhch'

5"J]gggU" '[ ca V'gY[ #gf[ f] Y'z'j U[ m'U'ZY'i [ fCEUV'U\_'VYnzfzgzj U'Un' nYbYh'Y'\_'XfgY'bf'\_'`  
j]gggU'fd\Yh'Un'Y' n'ZY"YhfY"

# 9`\_`X" hh~ nYbYhY\_

9nYb`U`ZY`YhYb`Y`\_`X" hh~ nYbYhY]bY\_`]ghz`z`h`hY\_]bh\Yh]`a`Y["`5n`nYbYhY\_`]ghz`z`h`U`]ghU`hYhY`f`b`hU`z`\U`hCEbmc`a`hU`hCE]\_cbfU`\_U`h]bh]`U`h`X`U`\_]bmc`a`hU`h]"

%`9`\_`X" hh~ nYbYhY\_`c`j`Ugz`gU

5n`nYbYh`hU`f`hU`a`z`h`Un`UX`c`h`i`nYbYh`g`c`f`z`fU`\_U`h]bh]`U`Y`Yb`h`h`Y`h]`a`Y["`

&`9`\_`X" hh~ nYbYhY\_`h`f`f`g`Y

<U`h`f`b]`gnYfY`h`b`Y`Y`\_`X" hh~ nYbYhY]`\_`n`z`U`\_`c`f`d]dz`U`V`Y`U`\_]z`U`gn`h`c`h`i`nYbYh`f`Y`\_`k`g`c`f`z`V`U`b`hU`z`\U`h`C`E`Y`~`b`f[`m`Y`h`f`Y`\_`Y`k`z`a`U`X`\_`U`h]bh`g`c`b`U`H`f`f`g`["`ca`V`f`U`"

<U`Un`UX`c`h`i`c`X`U`c`b`]`f`j`\_`g`gn`Y`g`i`nYbYh`f`h`\_]`gnYfY`h`b`f`h`f`b]`z`U`\_`c`f`\_`U`h]bh`g`c`b`U`H`f`f`c`gn`c`d`V`U`b`]`f`\_`Y[`Z`Y`g`\_`Y`~`b`f[`m`Y`h`f`Y`z`a`U`X`U`H`f`f`g`["`ca`V`f`U`"

## 6Yz ``#hz gc\_

5'ZY''YhYb'hU'z'\UhCEZ'`Y\_Yb'`fd\_YXj'Y'Un''nYbYh\_`Xf'ggY'ž'fg'Zc[ UXz'ggU''\_UdV'g'Uhc'g'VYz''#hz'gc\_Uh  
j'f[ Yn\Yh]'Y''6Yz''#h'Uh'Už'\c[ mia'Y'm'\U''[ UhCE\_bU\_'h]'h'Už''Yh'Y'Yb[ YXf'mYn]'Un''nYbYh\_`Xf'gh'Un'x'b  
gnza'z'fUž''Yh'Y'a'Y[ UX\Uh'Už'\c[ mia' ]mYb'htdi'g•''nYbYhY\_Yh'gnYfYhbY'Zc[ UXb]''

%''y'nYbYhZc[ UXz'g'Yb[ YXf'mYn'fgY

≠h''Y\Yhg'f[ Yg'U'\U''[ UhCE\_'gnza'z'fU'Un''nYbYhY\_'\_`Xf'gfbY\_'Yb[ YXf'mYn'fgYž'j'U[ m'h]'hz'gU''

5n''y'nYbYhY\_'Zc[ UXz'gz'bU\_'Yb[ YXf'mYn'fgY'a' ]bXYb'\U''[ UhCEU''j'z'UgnhCE'ca'Vbz''U''H]'h''cdW'CEh  
j'z'Ugnh'j'U'z'hU'z'bcgUb'h]'h'U'Un''ggnYg'\U''[ UhCE\_bU\_'ž'\c[ m''nYbYhYh\_'\_`X'YbY\_'Un'x'b'gnza'z'fU''5n  
''9b[ YXf'mYn''cdW'CE\_'U'hz'gz'fU'Un''ggnYg'\U''[ UhCE'gnza'z'fU''Y\Yh'j'f'j'z'\_]Un''nYbYh\_`X'fg''

5a'Ybbm]VYb'b'f\z'bm'\U''[ UhCEU'bYa'`gnYfYhb'fž'\c[ m'U'ZYb'h]'h]'hz'g'j'U[ m'Yb[ YXf'mYn'fg'j'cbUh\_cnn'cbž  
U\_\_c'f'U'ZY''Yh'U'ž'b'hU'z'\UhCE''?]'j'f'hY'Y\_''']ghz'ž'VU'gn'\_gf[ Yg'ZY'j'Ybb]'Un'UX'ch'ZY'\U'gnbz'CE'U'Et'h'  
5\_z'fa'Y'm'\_j'z'hcn'Uh'ch]'g'U'\_U'a'Un'U'f[ 'cVz' ]g'h]'hz'g'j'U[ m'Yb[ YXf'mYn'fg'ž'\_U'h]b'hg'cb'Un''i'^\_j'f'hY''  
[ ca'VfUž'fg'UX'U'a'Y[ 'UbbU\_'U'\U''[ UhCE\_bU\_'U'BY'd'h' b'\_CE'ž'hž'U\_]bY\_'U'ZYb'h]'gnUVz'`nt'CE'Z' [ [ Yb  
Yb[ YXf'mYn]ž'j'U[ m'f'dd'Yb'bYa'`Un''nYbYh\_'\_`Xf'g'f'hž'fg'j'z'U'gg'U'U'a'YZ'Y'`'Y''`h''5'gnUVz'`mh  
f''[ n'h'g'Y'U''A'Yb'h'fg''[ ca'VVU''9ni'hz'b'Un'Y'a'Yb'hY'h'gnUVz'`mia'Y[ 'Y'Yb'\_]U'ZY''YhYbž'fg'U  
\_fg'VV]Y\_VYb'a'CE'cg'h'UhCE'fg'h'f''\Yh'`f'H'`f'fg''Y''`ž'a'U'X'U''?'Y''`h'gnUVz'`mc\_'h'f'fgY''[ ca'VE' ]gž  
U'a'Y[ Z'Y'`'[ ca'VfU\_'U'h]b'hz'ggU''

&''5i'hca'Uh]\_i'g'f'f'hYg'h'fgY\_

≠h'j'Ub''Y\Yh'gf[ Y'a'Y[ \Uh'z'f'cn'b]ž'\c[ mia' ]mYb'htdi'g•''nYbYhY\_'f''gnYfYhbY'f'f'hYg'h'f'gh'\_Udb]'Y!  
a'U]'VYb''9a'U]'Zc'fa'z'ž'VUb'V'g'U\_'UVVUb'Un'Yg'Y'h'Yb'\_Ud\Uh''nYbYhY\_'Yhž'\U''< ]j'Uh'U'cg''htdi'g•  
Y'Y\_h'f'cb]\_i'g'Y'j'f'W'a'f'h'VYf''[ n'h'Y'h'Y'Un''GU'ž'h'UX'U'hc\_'#''9'f'f\Yh'gf[ Y\_''a'Yb'`dcb'h''9a'U]'W'a'Y\_'  
Z'`f'b°