



ARTS1846

Dc`j]WgžDYUW`UbX`DfcgdYf]m

HYfa`Hk c`#`&\$%

GWXcc`cZGcWJU`GWYbWg`#`I BGK`5ffg`UbX`GcWJU`GWYbWg

7 ci fgY`Cj Yfj]Yk

`GHJZ`7 cbhUWh`8YHJ`g`

`7 cbj Ybcfg`

B Ua Y	9a Uj`	5j Uj`UVj]m	@cWjhcb	D\cbY
Gf]b`cm6cgY	g"VcgY4 i bgk "YXi "Ui	Hi YgXUmgz%(.\$\$! %* .\$\$	A 6`% %	- ' ,) &' +\$

GW\cc``7 cbhUWh`bZcfa Uh]cb

GW\cc``cZGcWjU`GWYbWg

F cca`%) -

A cfj Yb`6fck b`7 &\$

Ya Uj`.gcgg4 i bgk "YXi "Ui

d\cbY. \$&`- ' ,)`% \$+

7 ci fgY'8YHJ`g

7 fYX]hDc]bHg`*`

Gi a a UfmicZ`h`Y'7 ci fgY

K \mUFY'gca Y`Wci bh]Yg'a cFY'dYUW`Z`'UbX'dfcgdYfci g'h`Ub'ch`Yfg3'5bX`lck`z`UbX`hc`k` \UhYI`h`bhz`UFY`
dYUW`'UbX'dfcgdYf]mfiY`UH`X3`'b`h`jg`Wci`fgY`mci`'k`]'W`]h]W`'mYI`Ua`]bY`h`YgY`ei`Ygh]cbgzk`]h`U`dUfh]W`'Uf`
ZcW`g`cb`h`Y`fc`Y`cZ`h`Y`g`h`U`h`'b`dfca`ch]b[`'dfcgdYf]mUbX`dYUW`"'Hc`h`jg`YbXz`mci`'k`]'fUW`'h`Y`
Ya`Yf[`YbW`'cZ]ZYfYbhUddfcUW`Yg`hc`'bU]cbU`'[`cj`YfbUbW`'UW`cgg`h`Y`[`'cVYz`k`]h`U`j`]Yk`'hc`]'i`a`]bU]b[`
h`Y`j`Uf]ci`g`k`Um]`b`k` \]W`'g`h`U`h`'UW`c`fg`a`][`h`]bZi`YbW`'fc`f`g`Y`_`hc`]bZi`YbW`'h`Y`Y`W`bca`]W`UbX`dUW]Z`W`
h`U`Y`W`c`f]Yg`cZ`h`Y`f`b`U]cbg`"'Mci`'k`]'U`gc`]bj`Ygh[`U`h`'h`Y`'f`Ub[`Y`cZ]XYU]cbU`z`]bg]h`h`h`cbU`'UbX`g`f`i`W`h`f`U`
ZUW`c`fg`h`U`ha`][`h`Y`b`U`V`Y`'UbX`'W`c`b`g`h`U]b`'g`h`U`h`g`]b`'h`Y`f`di`f`gi`]hc`Z`d`Y`U`W`'UbX`'d`f`c`g`d`Y`f]mfi`

7 ci fgY`@YUfb]b[`'Ci`h`W`a`Yg

- %`'9I`d`U]b`lck`zk` \mz`UbX`hc`k` \UhYI`h`b`h`f`h`Y`'g`h`U`h`'f`'f`d`Y`U`W`'f`UbX`'f`d`f`c`g`d`Y`f]mfi`U`f`Y`'W`c`b`h`Y`g`h`Y`X`
W`c`b`W`d`hg`"'`
- &`'XYb]h]Z`m`UbX`Y`j`U`i`U`h`'h`Y`'i`h`]m`ic`Z`X]ZYfYbhUddfcUW`Yg`hc`'i`b`X`Y`f`g`h`UbX]b[`'b`U]cbU`'[`cj`YfbUbW`'UbX`
lck`]'h`a`][`h`]bZi`YbW`'d`Y`U`W`'UbX`'d`f`c`g`d`Y`f]mfi`'
- '`'5b`U`mg`Y`'UbX`Y`j`U`i`U`h`'_'Y`m`X`Y`V`U`h`Y`g`'U`V`ci`h`lck`'d`Y`U`W`'UbX`'d`f`c`g`d`Y`f]mfi`a`][`h`h`V`Y`'f`Y`'U`h`X`z`'UbX`'h`Y`'fc`Y`
cZ]ZYfYbh`c`W`z`b`U]cbU`z`f`Y`[`]cbU`'UbX`[`'c`V`U`'U`W`c`fg`]b`'g`Y`W`'f]b[`'d`Y`U`W`'UbX`'d`f`c`g`d`Y`f]mfi`'

HYUW`X]b[`'G`h`f`U`h`[`]Yg`

H`Y`'W`ci`fgY`]g`h`U`i`[`h`h`h`f`ci`[`'\`U`'k`YY`_`m`cb`Y`!`l`ci`f`Y`W`h`'f`Y`z`c`b`Y`!`l`ci`f`h`'h`c`f]U`'UbX`'c`b`Y`!`l`ci`f`c`b`]'b`Y`'U`W`h`j`]mfi`
5ggYgga`YbHg`'U`f`Y`'X`Y`g][`b`Y`X`'h`c`'U`'c`k`'mci`'Z`Y`I`]V`]'mfi`UbX`'W`c`]W`z`k`'\]Y`'h`Y`'Y`I`Ua`]b`U]cb`'U`g`_`g`'mci`'h`c`
X`Y`a`c`b`g`h`U`h`'Y`b[`U[`Y`a`Y`b`h`U`W`c`g`g`'W`ci`fgY`'W`c`b`h`Y`b`h`UbX`]'b`'Y`I`d`]'W`h`f`'U`h`c`b`'h`c`'h`Y`]f`'U`W`X`]Y`j`Y`a`Y`b`h`c`Z`h`Y`
k`YY`_`m`'Y`U`f`b]b[`'ci`h`W`a`Yg`"H`Y`'W`ci`fgY`'Y`b`W`ci`f`U[`Y`g`'W`h`]h`W`'h`]b`_]b[`'h`f`ci`[`'\`]b`Z`c`f`a`Y`X`'h`'h`c`f]U`'d`f`Y`d`U`f`U]h`c`b`
UbX`'X]g`W`'g`g]c`b`'V`U`g`Y`X`'c`b`[`i`]X`Y`X`'f`Y`U`X]b[`'UbX`]'b`X`Y`d`Y`b`X`Y`b`h`f`Y`g`Y`U`f`W`"'`Y`Y`X`V`U`W`_'g`d`f`c`j`]X`Y`X`'c`b`'U`
U`g`g`Y`g`g`a`Y`b`h`g`]b`'U`'a`Y`U`b]b[`Z`'UbX`'h`j`a`Y`'m`a`U`b`b`Y`f`'M`ci`f`'U`W`X`]Y`j`Y`a`Y`b`h`c`Z`h`Y`'Y`U`f`b]b[`'ci`h`W`a`Yg`c`Z`h`j`g`
W`ci`fgY`]g`'W`Y`U`f`m`X`Y`a`c`b`g`h`U`h`X`'h`f`ci`[`'\`mci`f`Y`b[`U[`Y`a`Y`b`h`k`]h`'W`ci`fgY`'a`U`h`f]U`z`h`Y`'ei`U`]'m`ic`Z`h`Y`
d`f`Y`g`Y`b`h`U]h`c`b`c`Z`mci`f`]X`Y`U`g`'UbX`'X]g`W`'g`g]c`b`'UbX`'mci`f`'Y`j`Y`'c`Z`U`W`X`]Y`j`Y`a`Y`b`h`]b`'W`ci`fgY`'U`g`g`Y`g`g`a`Y`b`h`'@Y`W`h`'f`Y`g`
U`f`Y`Y`X`i`W`h`c`f`'Y`X`'V`i`h`d`U`f`h`W`d`U`h`c`f`m]b`'g`f`m`Y`"'H`i`h`c`f]U`'X]g`W`'g`g]c`b`g`k`]'V`Y`'V`c`h`'g`h`'X`Y`b`h`UbX`'h`'h`c`f`'Y`X`'UbX`
c`b`]'b`Y`'U`W`h`j`]h`Y`g`k`]'f`Y`e`i`]f`Y`]b`X`Y`d`Y`b`X`Y`b`h`UbX`'W`c`'U`V`c`f`U`h`j`Y`'d`f`Y`d`U`f`U]h`c`b`"'`

5ggYgga YbhHJg_	K Y][\h	8i Y'8UH	Gh XYbh@YUfb]b[Ci hWta Yg'5ggYggYX
9ggUmid`Ub`	&\$!) # \$ + # & \$ % - ' % % ' \$ ' DA	&Z
A U`cf`YggUmi	(\$!	\$- # \$, # & \$ % - ' % % ' \$ ' DA	&Z
9I Ua `	(\$!	Bch5dd`]WV`Y	%Z

5ggYgga Ybh8YHJ]`g

5ggYgga Ybh%`9ggUmid`Ub

GHUfhXUH.`

@Yb[h. %\$\$\$

8YHJ]`g. 'Mci `k]`gi Va]hcbY`YggUmid`Ub`cZVYtk YYb`+\$\$, '\$\$`k`cfXg" 'Mci `k]`fYVW]j Y`k`f]hYb`ZYXVUW`zU
Wta`d`YHX`fi`Vf]WUbX`U`bi`a`Yf]W]`[`fUXY`h`fci`[\`A`ccXY`k`]h]b`tk`c`k`YY_g`cZgi`Va`]gg]cb" `9ggUm
Hcd]Wg# i Ygh]cbg`k`]`VY`dfcj`]XYX`]b`WUgg`fUbX`i`d`cUXYX`cbtc`A`ccX`YE"

5XX]h]cbU`XYHJ]`g.

H\Y`YggUmid`Ub`]g`XYg][`bYX`tc`dfcj`]XY`mci`k`]h`h`Y`cddcfri`b]mihc`XYj`Y`cd`mci`f`g_]`g`]b`d`Ubb]b[`Ubx
377 n s t5s / Q ult a gkn if

hYcfYhWV`XYVUH`g`cZhY`X]gWd`]bY`"Mci f`dUdYf`a i ghVY`dfcdYf`mfYZfYbW`X`UbX`UW`e`a`dUb]YX`VmU
V]V`c[fUd`m`H`Y`I` B`G`K` @YUfb]b[`7`YbhfY`dfcj`]XYg`U`fUb[`Y`cZfYgci`fW`g`h`c`Ugg]ghk`]h`fYZfYbW]b[`z
Uj`U]`UV`Y`Uh`h`d.##`k`k`"Wi`bgk`"YXi`"Ui`#`b`]V`#`YZ`h`a`" `#`i]g`U`[`cc`X`]XYU`h`c`d`Ub`UbX`XfUZh`mci`f`dUdYf`k`Y`""]b
UXj`UbW`"Mci`UfY`k`Y`W`e`a`Y`h`c`g`Y`Y`a`Y`Xi`f]b[`W`cbgi`h`U]cb`h`ci`fg`h`c`X]gW`gg`mci`f`]XYUg`z`d`Ub`z`UbX`XfUZh`"=
k`]"`bc`h`z`h`ck`Yj`Yf`z`fYg`dcbX`h`c`f`Yei`Yg`hg`Z`c`f`fYg`YUfW`Ugg]gh`UbW`z`]Y`"`=k`Ub`h`h`c`k`f]h`U`V`ci`h`L`'z`k`h`U`hg`h`ci`X
=fYUX3`Mci`k`]`VY`UggYggYX`cb`mci`f`UV`]h`m`h`c`XYa`cb`gf`U`h`f`Yg`YUfW`g_]`g`/`cb`g`mb`h`Y`g]g`UbX`d`Y`fgi`Ug]j`Y
Uf[`i`a`Y`bh`f]b`V`f]b[`]b[`h`c[`Y`h`Y`f`]XYUg`UbX`XU`h`Z`ca`g`Yj`Y`fU`g`ci`fW`g`z`cb`ei`U`]h`m`c`Z`d`f`Y`g`Y`b`h`h]cb
f]b`W`i`X]b[`U`W`W`f`U`h`f`Y`Z`f`Y`b`W]b[`E`UbX`cb`h`Y`W`U`f]h`m`c`Z`mci`f`k`f]h]b[`"Mci`k`]`f`Y`W`]j`Y`U`[`f`U`X`Y`z`k`]h`g`ca`Y
a`]b]a`U`Z`Y`X`V`U`W`_`cb`mci`f`f`Y`g`Y`U`f`W`d`U`d`Y`f`"H`Y`g`d`Y`W`]Z`W`W`]h`f]U`Z`c`f`UggYgga`Y`bh!`g`Y`Y`h`Y`W`e`f`Y`g`d`c`b`X]b[
a`Uf_]b[`f`i`V`f]W!]`j`b`h`Y`Z`"ck`]b[`g`Y`W`]cb"

fi`cf`a`cfY`[`i`]X`Ub`W`g`Y`Y. `f`g`g`U`m`UbX`5`gg][`ba`Y`bh`k`f]h]b[`f]Uj`U]`UV`Y
Uh`h`d`g.##`gh`XY`b`h`i`bgk`"YXi`"Ui`#`gg`Um`UbX!`Ugg][`ba`Y`bh`k`f]h]b[`UbX`"9`gg`Um`k`f]h]b[`Uj`U]`UV`Y
Uh
[\h`d.##`k`k`"Ubi`"YXi`"Ui`#`Yg`#`i`\]X`Ub`W`#`9`gg`Um`&\\$`K`f\]h\]b\[`|`&\\$`6`cc`Y`h`&\\$`i`&.`: `B`5`@`&-`i`&\\$`K`Y`V`i`&\\$`J`Y`f`
g\]cb`d`X`Z`"Mci`k`\]`f`Y`W`\]j`Y`U`\[`f`U`X`Y`z`k`\]h`g`ca`Y`a`\]b\]a`U`Z`Y`X`V`U`W`_`cb`mci`f`a`U`e`f`d`U`d`Y`f`"H`Y`g`d`Y`W`\]Z`W`
W`\]h`f\]U`Z`c`f`UggYgga`Y`bh\]g`Uj`U\]`UV`Y`j`\]U`h`Y`W`e`f`Y`g`d`c`b`X\]b\[`a`Uf_\]b\[`f`i`V`f\]W`f\]Uj`U\]`UV`Y`j`\]U`A`cc`X`Y`E"](#)

Hi`fb]h]b`g`Y`h]b[.`H`]g`Ugg][`ba`Y`bh]g`gi`Va`]h`Y`X`h`f`ci`[`h`i`fb]h]b`UbX`gh`XY`bh`g`X`c`b`ch`g`Y`Y`h`i`fb]h]b`
g]a`]Uf]m`i`f`Y`d`c`f`g`"

5ggYgga`Y`bh`. `9`I`Ua`

GhUfhXU`h`. `B`ch`5`dd`]W`V`Y`

8`U]`g`i`l`s`:

5 HbXUbW F Yei JfYa Ybhg

Hi hfjU'UhbXUbW'UbX'Cb'jY'YUfb]b['5Wj] jYg'fC @5gk'UfY'Wca di 'gcfmZcf'5F HG% ('*'H\]g'a YUbg C @5g'UfY'Ub'UhbXUbW'fYei JfYa YbhUbX'g]a d'mVY]b['dfYgYbhZcf'h hfjU'g]g]bgi ZWYbhc'VY'a Uf_YX "dfYgYbh'Zcf'hY'Xi fU]cb'cZgU]X'h hfjU'"Mci 'a i ghWca d'YH' hY'c @5g'Zcf'YUW'h hfjU'DF € F'hc' hY Wc'ffYgdcX]b['k YY_ 'g'h hfjU'": U]i fY'hc'Wca d'YH'c @5g'k]'fYgi 'h]b'mci 'VY]b['a Uf_YX'UVgYbh'Zcf'hY Xi fU]cb'cZgU]X'h hfjU'"Mci 'WUb'a]gg'&'ci hcZ'hY'%'\$'h hfjU'g'UbX'c @5g'"Mci 'a i gh'a U]b]b', \$i UhbXUbW'Zcf'hY'fYfa f]g'h hfjU'g'Zcf'5F HG% ('*' 'b'c'hYf'k'cfXg'z'mci 'a i gh'UhbX'UbX'Wca d'YH'c @5g'Zcf', #/\$'h hfjU'g'z'h'fci [\ 'hY'Wci fY'cZ'hY'fYfa ": U]i fY'hc'a U]b]b', \$i 'UhbXUbW'k]'fYgi 'h]b'mci VY]b['dfc\]j]fX'Zca 'g]h]b['hY'Z]bU'YI Ua 'f(\$i 'cZ'hY'hc'U' [fUXY'Zcf'hY'Wci fYg'Y"

5'gh XYbhk \c'Uff]j Yg'a cfY' hUb'%) 'a]bi hYg'UH'a UmVY'dYbU'j]gYX'Zcf'bcbl'UhbXUbW'"Zgi WX'U'dYbU'm]g]a d'cgYX'z'hY'gh XYbh'a i ghVY']bZ'fa YX'j YfVU'mUh'hY'YbX'cZ'WUgg'UbX'Ux]]gYX']b'k'f]h]b['k]h]b'&(\ci fg'"ZU'gh XYbhYI dYf]YbW'g]'bYgg'z'a]gUX'j Ybh' fY'cf'chYf'cVW'ffYbW' h'Uha U_Yg'UVgYbW'Zca 'U h hfjU'gYgg]cb'#cb]bY'UW]j]m]i bU]c]XUV'Yz'cf'YI dYW'g'hc'VY'UVgYbhZca 'U'Zcf'h'Wca]b['gYgg]cb#UW]j]mz hYmg\ci 'X'gYY_'dYfa]gg]cb'Zca 'hY'7ci fgY'5i h'cf]m#7cbj Ybcf'Z'UbX'k \YfY'Udd'j]WV'Yz'hY]f'fYei Ygh g\ci 'X'VY'UW'Wca dUb]YX'VmUb'cf][]bU'cf'W'f]Z]YX'Wc'dmcZU'a YX]W'W'f]Z]W]h'cf'chYf'Zca 'cZ Udd'f'cf]U]h'Y'j]X'YbW'"5'7ci fgY'5i h'cf]m#7cbj Ybcf'a UmYI W'gY'U'gh XYbh'Zca 'WUggYg'cf'UW]j]hYg'Zcf' i d'hc'cbY'a cbh'"<k Yj Yfz'hY'ma UmUgg][b'UXX]h]cbU'UbX'cf'U'h'fbU]h] Y'fUg_g'hc'Ybgi fY'Wca d']UbW'"5 7ci fgY'5i h'cf]m#7cbj Ybcf'W'bg]X'Yf]b['hY' [fUb]b['cZUVgYbW'a i ghVY'gU]h]g]Z]X'U'gh XYbhk]'gh'VY UV'Y'hc'a YY'h'hY'Wci fY'g'YUfb]b['ci h'Wca Yg'UbX'cf'j'ci'a Y'cZ'YUfb]b["5'gh XYbhgYY_]b['Udd'f'c] U'hc'VY UVgYbhZcf'a cfY' hUb'cbY'a cbh'a i gh'Udd'm]b'k'f]h]b['hc'hY'8YUb'UbX'dfcj]X'Y'U'cf][]bU'cf'W'f]Z]YX gi ddc'f]h]b['XcW'a Ybh]h]cb": cf'a cfY']bZ'fa U]cb'UVci h'hY'UhbXUbW'df'hc'W'g']b'hY': UW'hmcZ5f]g UbX'GcW]U'G'W]YbW'g. \h'hdg. ##k k "Uf]g"i bgk "YXi "Ui #W'ffYb]h]gh XYbhg#UW]X'Ya]W]bZ'fa U]cb'#df'hc'W'g! [i]X'Y']bYg#

7ci fgY'GWXYXi `Y

[J \]Yk'WUgg'h'a YhUV'Y](#)

H]a YhUV'Y'

8UH	HmdY	7cbhYbh
K YY_%' ' >i bY!' +>i bY	@YWi fY	<p>h'f'cXi W]cb'hc'7ci fgY/'7cbhYbhg</p> <p>?YmE i Ygh]cbg</p> <ul style="list-style-type: none"> ▪ K \UhXc'k'Y'a YUb'UbX'i bXYfg]h]bX'Vm 'dYUW'z'dfcgdYf]m3 ▪ <ck 'WUb'fUbX'Xc'k'Y'gh XmidYUW'UbX d'fcgdYf]m3 ▪ K \Uh]g'hY'fc'Y'cZ'dc']h]g']b'dYUW'UbX d'fcgdYf]m3
K YY_' ' .%+>i bY!'&% >i bY	@YWi fY	<p>7cbZ]W]g'UbX'F]g_g</p> <p>?YmE i Ygh]cbg</p> <ul style="list-style-type: none"> ▪ K \UhUfY'gca Y'f]g_g'hc'dYUW'UbX d'fcgdYf]m3 ▪ K \Uh]g'W'cbZ]W]3'K \UhW]i gYg'W'cbZ]W]3 ▪ K \Uh]g'gYW'f]m3

<p>K YY_ , . '&&'>i `m! '&*'>i `m</p>	<p>@YWh fy</p>	<p>F Y[]a Ygž8Ya cWUWžDYUW / 'DfcgdYf]m</p> <p>? YmE i Ygh]cbg</p> <ul style="list-style-type: none"> ▪ K \UhUfY'fY[]a Yg3'K \Uh]g'8Ya cWUWž ▪ K \Uh]g'f[fck h'3 ▪ K \Uh]g'hY'fY'Uh]cbg\]d'VYhk YYb ▪ XYa cWUWž#Uj h cWUWžUbX'[fck h / 'dYUW 3 ▪ <ck 'XcYg'dccf#UX'[cj YfbUbW'YUX'hc ▪ VcbZ]Wž ▪ g'8Ya cWUWž[ccX'Zcf'dYUW / 'dfcgdYf]mž
<p>K YY_ '- . '&- 'i `m! '&</p> <p>5i [i gh</p>	<p>@YWh fy</p>	<p>H\Y'7\]bYgY'UbX'žX]Ub'A cXY'fgž žhYfYghg'UbX</p> <p>GhfUHy[]Yg</p> <p>? YmE i Ygh]cbg</p> <ul style="list-style-type: none"> ▪ 8c'XYj Y'cd]b['Wži bh]Yg'hfUYWžc fmcZdYUW ▪ UbX'dfcgdYf]mX]Zyf'Zca 'h.UhcZa cfY ▪ XYj Y'cdYX'bUh]cbg3 ▪ K \UhUfY'7\]bYgY#žX]Ub]bhYfYghg'UbX ▪ j]Yk g'cZdYUWžgYW f]mž / 'dfcgdYf]mž ▪ g'7\]bU'U'ghfcb['ghUHy3'g'žX]U'U'k YU_' ▪ ghUHy3 ▪ <ck 'Wžb'k Y'Yj U'i UHy'7\]bYgY#žX]Ub ▪ ghfUHy[]Yg'UbX'dc']Wžg3
<p>K YY_%\$.) '5i [i gh! '-</p> <p>5i [i gh</p>	<p>@YWh fy</p>	<p>K cfX'8Yj Y'cda YbhUbX'žhYfj Ybh]cb</p> <p>? YmE i Ygh]cbg</p> <ul style="list-style-type: none"> ▪ <ck '\Ug'Wž'cb]U'fi 'Y'#]a dYf]U'ga ▪]a dUWYX'dYUW'UbX'dfcgdYf]mž ▪ 8cYg'Wž'cb]U'fi 'Y'a Ub]ZyghhXUmž<ck 3 ▪ K \Uh]g'Yi hYfbU'']bhYfj Ybh]cb'3 ▪ K \Uh]g'U]X'3
<p>K YY_%% '%&'5i [i gh! '%*</p> <p>5i [i gh</p>	<p>@YWh fy</p>	<p>A]]hUfm'žhYfj Ybh]cbž'žhYfbUh]cbU'</p> <p>GhUHyVi]X]b[žUbX'DYUWVi]X]b[</p> <p>? YmE i Ygh]cbg</p> <ul style="list-style-type: none"> ▪ K \Uh]g'a]]hUfm]bhYfj Ybh]cb'3 ▪ K \Yb'Wžb'h\Y'd'jb'Vf]b[]b['UVci hdYUW ▪ UbX'dfcgdYf]mž'K \Yb'XcYg']hbcž ▪ K \UhUfY'gca Y'cZh\Y'W]h]ei Yg'cZ'a]]hUfm

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

Hi hcf]U`ei Ygh]cbg`UbX`XYHJ]YX`k YY`!Vmk YY`_fYUX]b[`]g`a UXY`Uj U]UV`Y`cb`A ccX`Y`"5`cZ`hY`ffYei]fYXfi fYUX]b[g`UfY`ZYY`mUj U]UV`Y`h`fci [\ `A ccX`Y`j]U`@Y[Ubhc/hY`fYghWUb`VY`UWfY`ggYX`]b`UfX`W`dmi`h`fci [\ hY`"jVfUfmc`f`cb`]bY`"Mci`k`j`"VYbY`Z]h`Zca`VY`W`a`]b[`Z]a`j]Uf`k`]h`"; cc[`Y`G`W`c`Uf` f`h`d`.#g`W`c`Uf`[cc[`Y`"W`a`E`Ug`U`_Y`mig`Y`Uf`W`Y`b[`]bY`Z`c`f`U`W`X`Y`a`]W`di`V`]W`h`]cbg`UbX`fY`d`c`f`g`"Mci`W`Ub`g`Y`h` i`d`h`Y`d`f`Y`Z`f`Y`b`W`g`h`c`]b`_`h`c`h`Y`I`BGK`"@VfUfmi`Y`j`Y`b`k`Y`b`i`m`c`i`Uf`Y`b`c`h`c`b`W`J`a`d`i`g`"; c`h`c`"; cc[`Y` G`W`c`Uf`2`g`Y`h`]b[g2`"jVfUfmi`]b`_g`Z`UbX`Y`b`h`Y`f`"I`b`j`Y`f`g`]m`i`c`Z`B`Y`k`G`c`i`h`K`U`Y`g`"]b`h`Y`V`c`l`Z`c`f`"@jVfUfmi`.Mci` W`Ub`g`j[b`i`d`Z`c`f`H`U`V`Y`c`Z`7`c`b`h`b`h`g`f`H`C`7`E`5`Y`f`h`g`Z`c`a`h`Y`"l`c`a`Y`d`U`[Y`g`c`Z`f`Y`j`U`b`h`c`i`f`b`U`g`Z`h`c`f`Y`W`]j`Y`U`b` Y`a`U`]`k`Y`b`Y`j`Y`f`b`Y`k`U`f`h`j`W`Y`g`U`f`Y`d`i`V`]g`Y`X`]b`h`U`h`c`i`f`b`U`"">>c`i`f`b`U`k`Y`V`g`]h`g`k`j`"c`Z`Y`b`W`U`f`f`m`]b`Z`c`f`a`U`h`c`b` c`b`h`Y`a`c`g`h`j`]Y`k`Y`X`U`b`X`a`c`g`h`W`h`Y`X`U`f`h`j`W`Y`g`h`Y`g`Y`U`f`Y`"Y`m`i`h`c`V`Y`]b`h`Y`f`g`h`b[`U`b`X`c`Z`Y`b`]b`Z`i`Y`b`h`U` W`c`b`h`f`V`i`h`c`b`g`"; cc[`Y`G`W`c`Uf`k`j`"U`g`c`d`c`]b`h`m`c`i`h`c`U`f`h`j`W`Y`g`h`U`h`"U`j`Y`W`h`Y`X`U`d`U`f`h`j`W`U`f`U`f`h`j`W`Y`U`b`X`Y`b`W` k`j`"V`Y`f`Y`U`h`Y`X`h`c`h`Y`h`c`d`]W`

F YW`a`a`Yb`X`Y`X`F Ygci fWg

7`ci`fg`Y`9`j`U`i`U`h`]c`b`U`b`X`8`Y`j`Y`c`d`a`Y`b`h`

G`h`X`Y`b`h`Y`j`U`i`U`h`j`Y`Z`Y`X`V`U`W`_`]g`[`U`h`Y`f`Y`X`d`Y`f`]c`X`]W`"mi`g`]b[`Z`U`a`c`b[`c`h`Y`f`a`Y`U`b`g`Z`I`BGK`g`7`ci`fg`Y`U`b`X` H`Y`U`W`]b[`9`j`U`i`U`h`]c`b`U`b`X`"a`d`f`c`j`Y`a`Y`b`h`f`7`5`H`9`"d`f`c`W`g`g`"b`Z`c`f`a`U`Z`Y`X`V`U`W`_`U`b`X`W`U`g`g`!`[`Y`b`Y`f`U`h`Y`X` Z`Y`X`V`U`W`_`U`f`Y`U`g`c`]a`d`c`f`U`b`h`"G`h`X`Y`b`h`Z`Y`X`V`U`W`_`]g`h`U`_`Y`b`g`Y`f`]c`i`g`m`Z`U`b`X`W`c`b`h`]b`i`U`"j`a`d`f`c`j`Y`a`Y`b`h`g`U`f`Y`a`U`X`Y` h`c`h`Y`W`c`i`f`g`Y`V`U`g`Y`X`]b`d`U`f`h`c`b`g`i`W`"Z`Y`X`V`U`W`_"G`][`b`]Z`W`U`b`h`W`U`b`[`Y`g`h`c`h`Y`W`c`i`f`g`Y`k`j`"V`Y`W`c`a`a`i`b`]W`h`Y`X`h`c` g`i`V`g`Y`e`i`Y`b`h`W`c`l`c`f`g`c`Z`g`h`X`Y`b`h`g`h`U`_`]b[`h`Y`W`c`i`f`g`Y`"

Gi Va]gg]cb`cZ5ggYgga YbhHUg_g

Gi Va]gg]cb`cZ5ggYgga YbhHUg_g

Hi fb]hb`Gi Va]gg]cb

Ʒmci`YbWci bhYf`U`dfcV`Ya`k`Yb`U`H`Ya`dh]b[`hc`gi`Va`]hmc`i`f`Ugg][`ba`Ybh`h`fci`[`\`Hi`fb]hb`z`d`YUgY`
H`Y`d`l`cb`Y`9I`H`f`b`U`Gi`ddcfh`cb`-`,`),`"`,`'`,`%`cf`Ya`U]`h`Ya`cb`YI`H`f`b`U`H`h`gi`ddcfh`4`i`bgk`"YXi`"Ui`"Gi`ddcfh`
`l`ci`fg`UfY`,`.\$\$Ua`-`%\$.\$\$da`cb`k`YY`XUmg`UbX`-`.\$\$Ua`-`).\$\$da`cb`k`YY`YbXg`fI`*)`XUmg`U`m`Y`UfL`"Ʒmci`
UfY`i`bUV`Y`hc`gi`Va`]hmc`i`f`Ugg][`ba`Ybh`Xi`Y`hc`U`Z`U`h`k`]h`Hi`fb]hb`mci`a`Um`Udd`m`Z`f`Ub`YI`H`f`bg]cb`z`Vi`hmc`i`
a`i`gh`f`Y`h]b`mci`f`h]W`Y`h`bi`a`VY`f`Z`ca`9I`H`f`b`U`Gi`ddcfh`f`U`cb[`k`]h`Ub`m`c`h`Y`f`f`Y`j`Ub`h`X`c`W`a`Y`b`h`g`L`hc`
]b`W`i`X`Y`U`g`Y`j`]X`Y`b`W`hc`gi`ddcfh`mci`f`YI`H`f`bg]cb`Udd`]W`h]cb`"Ʒmci`Ya`U]`9I`H`f`b`U`Gi`ddcfh`mci`k`]`
Ui`h`ca`U`h]W`m`f`Y`W`]j`Y`U`h]W`Y`h`bi`a`VY`f`z`Vi`h]Z`mci`H`Y`d`l`cb`Y`mci`k`]`b`Y`Y`X`hc`gd`Y`W`]W`m`U`g`_`Z`f`cb`Y`
Hi`fb]hb`U`gc`d`fcj`]X`Y`g`i`d`X`U`H`Y`g`cb`h`Y`j`f`g`m`g`h`Ya`g`h`U`h`g`cb`H`k`]h`Y`f`"

;`Yb`Y`f`U`m`z`Ugg`Y`gga`Y`bh`h`U`g`_`g`a`i`gh`V`Y`gi`Va`]h`Y`X`Y`Y`W`f`cb]W`m`j`]U`Y`]h`Y`f`Hi`fb]hb`cf`U`A`cc`X`Y`
Ugg][`ba`Y`b`h`h`b`]b`g`h`U`b`W`g`k`Y`f`Y`h`l`g`]g`b`c`h`i`d`c`g`g]V`Y`z`]h`k`]`V`Y`g`h`U`H`X`cb`mci`f`W`ci`fg`Y`g`A`cc`X`Y`g`]h`k`]h`
U`h`f`b`U`h]j`Y`gi`Va`]gg]cb`X`Y`h]g`"

:`cf`]b`Z`c`fa`U`h]cb`cb`l`ck`hc`gi`Va`]h`Ugg][`ba`Y`b`h`g`cb`]b`Y`j`]U`A`cc`X`Y`.\`h`td`g`#`gh`X`Y`b`h`i`bgk`"YXi`"Ui`#`ack`!
gi`Va`]h`Ugg][`ba`Y`b`h`a`cc`X`Y`"

5 WUXYa]W<c bYghmUbX`D`U[]Uf]ga

D`U[]Uf]ga `]g`i g]b[`hY`k cfXg`cf]XYUg`cZchYfg`UbX`dfYgYbh]b[`hYa `Ug`mci f`ck b" `hWUb`hU`Y`a Ubm
Zcfa gž`Zca `XY`]VYfUHY`WXYU]b[`hc`UWV]XYbhU`mW`dm]b[`Zca `U`gci fW`k]h`ci hUW_bck`YX[Ya Ybh`

I BGK `[fci dg`d`U[]Uf]ga `]bhc`hY`Zc`ck]b[`WUHY[cf]Yg.

7 cdm]b[.`i g]b[`hY`gUa Y`cf`j Yfmg]a]Uf`k cfXg`hc`hY`cf][]bU`hYI hcf]XYU`k]h`ci hUW_bck`YX[]b[`hY`
gci fW`cf`i g]b[`ei chU]cb`a Uf_g" `H\]g`U`gc`Udd`]Yg`hc`]a U[Ygž`UfhUbX`XYg][b`dfc`YWgž`Ug`k Y`Ug
dfYgYbhU]cbg`k \YfY`gca YcbY`dfYgYbh]g`UbchYf`g`]XYUg`cf`k cfXg`k]h`ci hWYX]h`

hUddfcdf]UHY`dUfUd`fUg]b[.`7`Ub[]b[`U`ZYk `k cfXg`UbX`d`fUgYg`k \]Y`a cghmifYU]b]b[`hY`cf][]bU`
ghfi W`i fY`UbX`#`f`dfc[fYgg]cb`cZ]XYUg`cZ`hY`cf][]bU`ž`UbX`]bZcfa U]cb`k]h`ci hUW_bck`YX[Ya Ybh`H\]g`U`gc
Udd`]Yg`]b`dfYgYbhU]cbg`k \YfY`gca YcbY`dUfUd`fUgYg`UbchYf`g`]XYUg`cf`k cfXg`k]h`ci hWYX]hU`bX`hc
d]YW]b[`hc[YhYf`ei chYg`UbX`dUfUd`fUgYg`]bhc`U`bYk `k \c`Yž`k]h`ci hUddfcdf]UHY`fYZYfYbW]b["

7 c`i g]cb.`k cf_]b[`k]h`chYfg`Vi hdUgg]b[`cZ`hY`k cf_]Ug`U`dYfgcb`g`]bX]j]Xi U`k cf_]7 c`i g]cb`U`gc
]bWi XYg`dfcj]X]b[`mci f`k cf_]hc`UbchYf`gh`XYbhVYZc`fY`hY`Xi Y`XUHYž`cf`Zc`f`hY`di fdcgY`cZ`hY`a

- i bXYfghUbx'mci f'f][\hg'UbX'fYgdcbg]V]h]Yg'Ug'U'gh XYbhUhl BGK
- VY'Uk UfY'cZd'U[]Uf]ga ž'Wcdmf][\hž' BGK 'Gh XYbh7cXY'cZ7cbXi W'Ubx'5Ww'dhUV'Y'I gY'cZ I BGK '⇒H'F Ygci fW'g'Dc`]Wn
- VY'Uk UfY'cZh'Y'ghUbxUfXg'cZVY\Uj]ci f'YI dYW'X'cZYj Yfmcby`]b'h'Y'I BGK 'Wca a i b]m
- `cWJh'gYfj]Wg'UbX'j]bZcfa Uh]cb'UVci hl BGK 'UbX'I BGK '@]VfUfm

Gca Y'cZh'YgY'UfYUg'k]`VY'ZJa]]Uf'hc'mci ž'ch'Yfg'k]`VY'byk " "; U]b]b['U'gc`X'i bXYfghUbx]b['cZU`h'Y fY'UH'X'UgdYW'g'cZ9@G9'k]`Y'd'mci 'a U_Y'h'Y'a cghcZmci f'gh X]Yg'Uhl BGK ""

[\hd. #gj V'YWf i \]XYg" \]VfUfm'i bgk "YXi "Ui #` \]gY#JVci h' \]gY](#)

5 WUXYa]WbZcfa Uh]cb`

: cfYggYbh]U`ghi XYbh]bZcfa Uh]cb`fY`Uh]b[`rc.

- fYei Ygh]Zc`fYI hYbg]cb/
- `UhY`gi Va]gg]cbg`[i]XY`]bYg/
- fYj]Yk `cZa Uf_g/
- I BGK `<YU`h`UbX`GUZY`mdc`]WYg/

