

DF CD=98 58 9G: aG=7C`A 97ã B=75G`MI GC G`DC G=6@9G`
 8 9`@5`9GD97=9`9f|ch\ YWU/`cVcgU`fbi V`YhL5`"F cVmbg`
 f7 Y|VU`F c`^Ue"DF C J 9B=9B H9`8 9@`@C H9`6 C G7 C GC`G5 B`
 D98 F C ž9GH58 C`6C @æ 5F žJ 9B 9NI 9@5
 D\ng|W`a YWUb|W`UbX`dceg|V`Yi gYg`cZh\ Yk ccX`9f|ch\ YWU/`cVcgU`
 fbi V`YhL5`"F cVmbg`f7 Y|VU`fc`^Ue": fca`h`Y`chY`VcgWgc`Gub`DYXfcž`6c`lj`Uf`
 GHUž`J Yb Yni YU

%> i`c`7`"A Yf`c`D`ž`*`9`j`c`7`"F YmYg`7`ž`8 Uf`ž`c`5`"; UfUm>`ž`GhmYg`K`"J U`Y`f`c`

I b|j Yf|g|XUXXY`@cg`5bXYg`: UW`hLXXY`7|Yb|WUg: cfYghU`Ygm5a V|Yb|HUYg`@UvcfUrcf|c`B U|CbU`XY`DfcX`Mkcg`
 : cfYghU`Yg`f#`B`D: "E`%`b|`"=-bXi`gf|Ug: cfYghU`Ygž`kmi`GYW|CB`XY`9bgUrcž`GYW|CB`XY`5|`ca`fYUxc`"A`ff|XUž`J`Yb`Yni`YU`
 9!a Uj: YbgUrcg4i`Uj`Y`

F 9GI A 9B

5 6GHF 57H

9`XYhfa`|b|f`Ug`dfcd|YXUXYg`Z|g|W|a`Ywb|Wg`XY`U`YgdWY`
 9f|ch\ YWU/`cVcgU`fbi V`YhL5`"F cVmbg`i V|WUXU`Yb`Y`@chY`
 6cgWgc`Gub`DYXfcž`XY`YghLXc`6c`j`Ufž`g`f|Y`XY`U`b`YWg|XUX`XY`
 fYU`nUf`Ygh`Xjcg`hWbc`E|Wg`XY`i`b`|f`Ub`|f`di`c`XY`YgdWY`g`ei`Y`
 \UghU`U`dfYgYbh`bc`Ub`g|Xc`|bj`Ygh|`UXUg`Ybh`f`Y`Y`Ug`UYgdWY`
 9f|ch\ YWU/`cVcgU`fbi V`YhL5`"F cVmbg`8|WUYgdWY`YghU`g|YbXc`
 Yl`d`chLXU`Yb`j`c`a`YbYg`fYdfYgYb|H|h`j`cg`mgi`Udfcj`YWUa`|Ybrcž`
 Vz|g|W`a`YbhY`gY`XYVY`U`ei`Y`fYdfYgYb|H|h`j`b`V`i`Yb`dcfhY`UFVCE`Yc`m`
 U`a`|ga`U`c`WdU`i`bU`Vi`YbU`dcg|W|CB`Yb`Y`a`YFWXc`fY|`cbU`/`g|b`
 Ya`VUf|`c`gY`h`Yb`Y`Y`XYgWbcV`a`|Ybrc`hWbc`E|W`XY`U`YgdWY`
 9ghY`Y`Wc: cWg|cbU`Wf|rcg`|b`Wbj`Yb|YbhYg`U`a`ca`Ybrc`XY`
 W`a`YFWU`nUf`YghU`YgdWY`Z`UghU`Y`a`YFWXc`ž`nU`ei`Ybc`gYdfcj`YU`
 U`|bZfa`U|CB`g`ZVWbhY`XY`U`a`|ga`Lž`UX`i`X|WbXc`Y`Wf|rc`i`gcg`
 `cg`WU`Yg`Z`Yfcb`Ug|`bUXcg`dcf`Y`a`frcXc`XY`YbgUrc`mYf`fc`9g`
 bYWgUf|c`fYgU`HL`ei`Y`cg`UbhWXYbhYg`YbWb|fUXcg`Yb`fYU|CB`
 U`U`h`a`zh|W`XY`Ygh`X|c`gcb`a`i`mYgWgcž`Yb`c`Wb`Wf|b|YbhU`cg`
 fU|U`cg`fYU`nU`Xcg`Wb`U`YgdWY`9f|ch\ YWU/`cVcgU`fbi V`YhL5`
 "F cVmbg`@U|bZfa`U|CB`ei`YgY`h`Yb`Y`Y`Y`dUig`Vz|g|W`a`YbhY`Yg`
 XY`UgdWY`g`Vczb|Wg`mXYbXfc`E|Wg`Z`Wb`fYU|CB`U`cg`Ygh`Xjcg`
 hWbc`E|Wg`XY`X|WU`a`UXY`Lž`dcf`gYf`U`YgdWY`XYgWbcV`WU`bc`
 gY`h`Yb`Y`UbhWXYbhYg`U`fYgdWY`ž`c`a`zg`WfWbc`Yg`Y`9gh`X|c`
 XY`Dfcd|YXUXYg`Z|g|W|a`Ywb|Wg`%`+`9gdWYg`XY`U`i`UnubU`
 J`Yb`Yrc`UbU`f|j`YUž`%`*-`ž`ei`|Yb`fYdfc|H|h`j`b`|X|j`|X`c`XY`|`f`b`Yf`c`
 9f|ch\ YWUž`m`bc`dfYgYb|H|h`j`U`XYhfa`|b|U|CB`U`b|j`Y`XY`YgdWY`Z`
 Yg|rcg`XU`rcg`dcXfz`b`gYf`i`h`|nU`Xc`W`a`c`dUf|CB`XY`W`a`dUfU|CB`"

8 Yhfa`|b|f`h`Y`d\ng|W|a`YWUb|W`dfcdYfH`Yg`cZh`Y`gdWY`
 9f|ch\ YWU/`cVcgU`fbi V`YhL5`"F cVmbg`c`W|HX`|b`h`Y`K`cc`XX`
 @chGub`DYXfcž`cZh`Y`6c`|j`Uf`ghUž`|h`Uf|gYg`Z`ca`h`Y`b`Y`Wg|lmi`
 rc`a`U`Y`h`Wbc`c|`|W`g`h`i`X|Yg`cZ`U`|fYU`|fci`d`cZ`gdWY`g`h`U`i`
 i`bh`h`Y`dfYgYbh`U`j`Y`bch`VYb`|bj`Ygh|`U`h`X`Z`Ua`cb|`h`Y`a`h`Y`
 gdWY`g`9f|ch\ YWU/`cVcgU`fbi V`YhL5`"F cVmbg`H`|g`gdWY`g`h`|g`
 VY|b|`cdYfU`h`X`|b`fYdfYgYb|H|h`j`Y`j`c`i`a`Yg`Ub`X`h`Yf`U`X`|b`h`U`|ž`
 VUg|W`m`|ha`i`gh`h`U`|h`fYdfYgYb|H|h`j`U`|ccX`UfVcfYU`VUf|b|`Ub`X`
 h`Y`g`la`Y`cb`Y`c`Wd|Yg`U`|ccX`dcg|h`cb`|b`h`Y`fY|`cbU`a`Uf`Y`Y`
 k`|h`ci`h`=Yb|U|Y`h`Y`W`i`h`W`U`g`h`Y`h`Wbc`c|`|W`|`|bcfUbW`cZ`
 h`Y`gdWY`g`H`|g`Z`M`W`i`gYg`WfH`|b`X|gU`X`Ub|H`Yg`U`h`h`Y`h`a`Y`cZ`
 W`a`a`YFWU`n|b|`h`|g`gdWY`g`ž`i`bh`h`Y`f`U`X`Y`ž`g`b`W`h`Y`g`Z`V`W`b`h`i`
 |bZfa`U|cb`k`Ug`bch`dfcj`|XX`k`|h`h`Y`g`la`Y`cbYž`U`X`i`|b|`
 WfH`|b`i`gYg`rc`a`|k`k`|W`k`fY`Ugg|`bYX`vni`h`Y`a`Y`h`c`X`cZ`h`Y`gh`i`
 Ub`X`Yf`c`f`-`h`|g`bYWgUf`m`rc`g`Ub`X`ci`h`h`U`h`Y`UbhWXYbh`g`
 ž`ei`b`X`|b`fYU|cb`rc`h`Y`h`Y`a`U`h`Wcb`Y`cZ`g`h`Xmi`UfY`j`fmi`|h`Yž`
 Ug`Z`f`h`Y`k`cf`g`a`UXY`k`|h`h`Y`gdWY`g`9f|ch\ YWU/`cVcgU`
 fbi V`YhL5`"F cVmbg`H`Y`|bZfa`U|cb`h`U`|g`U`X`VUg|W`m`|b`
 h`Y`W`i`blf`m|g`cZ`VchLb|W`Ub`X`X`b`X`f`c`|`mYg`UgdWY`g`|b`fYU|cb`
 rc`h`Y`h`Wbc`c|`|W`g`h`i`X|Yg`cZ`h`|g`k`ccXž`V|b|`h`Y`i`b`bck`b`
 gdWY`g`cb`Y`XcYg`bch`U`j`Y`UbhWXYbh`g`cb`h`Y`a`U`h`Yfz`WcgYgh`|h`
 |g`h`Y`G`h`X`nc`Zd`ng|W|a`YWUb|W`DfcdYfH`Yg`%`+`GdWY`g`cZh`Y`
 J`Yb`Yni`Y`Ub`i`UnubU`f|j`YUž`%`*-`ž`k`c`fYdfc|H|h`j`|X`i`U`
 cZh`Y`9f|ch\ YWUž`f`h`U`X`|h`XcYg`bch`dfYgYb|H|h`j`Y`XYhfa`|b|U|cb`
 U`h`h`Y`gdWY`g`Y`Yž`h`Yg`XU`H`W`i`X`W`Y`i`gYX`|`Y`W`a`dUf|gcb`
 dU`h`Yf`b`"

DU`UVfUg`WUj`Yg`DYg`YgdWY`Wž`6ca`VUWUWYž`A`cXi`c`XY`Y`Ugh|VXUž`F`Yg|ghbWU`

? Ynk`cf`Xg`GdY`Wž`nk`Y|`|hž`6ca`VUWUWYž`A`cXi`U`h`cZ`Y`Ugh|V`hž`F`Yg|ghbWU`

=BHF C 8I 77=ë B

@cg`Vcgei`Yg`gcb`Z`YbhY`dchYbWU`a`YbhY`|b|U`chU`V`Y`
 XY`i`b`U`a`i`|hd`|V|XUX`XY`V|Yb`Yg`mgYfj`|Wcg`DfchY`|Yb`
 m`Yb`f`lei`W`b`U`a`|Yg`XY`YgdWY`g`XY`Ub`|a`U`Ygž`
 di`f|Z`W`b`Y`U`fY`mg|fj`Yb`W`a`c`g|h`c`XY`fYWYU|CB`
 m`YgdUfV`|a`|Ybrcž`Z`YbhY`XY`a`U`h`f|U`df|a`U`dUfU`U`
 |b`X`i`gf|U`Z`f`YghU`b`U|CB`U`"9`UWY`f`U`Xc`d`f`c`W`g`c`
 XY`XYZ`f`YghU|CB`Yb`Y`f`C|W`d`Ub`h`U`bc`g`c`c`i`b`

dfcV`Ya`U`W`bgYfj`U|CB`|ghLž`g|bc`i`bc`XY`gY|i`f|XUX`
 miXY`i`gh|WU`|bhYf`b`U|CB`U`ei`Y`Ua`Yf|H`i`b`U`UW|CB`
 W`cfX|b`UXU`miXY`X|XU`dcf`dUf`h`Y`XY`cg`dUigYg`XY`U`
 fY|`|CB`Gc`c`Ug`i`gY`dcXfz`XY`h`b`Yf`Y`|ff`U|CB`U`dfcW`g`c`
 XY`XYg`f`i`W|CB`XY`i`b`Ug`XY`Ug`df|b`V`d`U`Yg`Z`YbhYg`XY`
 XYgUf`f`c`cž`W`nc`Wfz`WfY`fYbcj`U`Xcf`dcXf`|U`W`b`h`f`|V`|f`
 g|`|b|Z`W`h`j`U`mi`dYfa`Ub`YbhYa`YbhY`U`U`YghU`|XUX`
 gc`WU`mY`W`b`C`|W`XY`a`i`b`Xc`Yb`XYgUf`f`c`c`f7`YbhYbcž`
 %` , (EJ`Yb`Yni`YU`\`U`g|Xc`df|j`|Y`|XUX`W`b`fY`U|CB`U`

chfcg'dUigYg'XY' Wbh|bYbhY'Y'\YWc'XY'hbYf'hUbHU
Xlj Yfg|XUX'XY'fYWFg'cg' bUhi fUYg'z|bXi XUV'Ya YbhY'
ei Y'c'\UW'i b'dUig'f|W'Yb'YghY'UgdYMc'z'dYfc'YghU'
f|ei YnUbcUXei |YFY'Y'J'U'cf'fY'Y'U'bhY'gl'bc'gY'WbcW'
'U'a U|b|hi XXY'U' gli UM'CB"

8 YZb|h|j Ua YbhY' YghY' dUig' YghU' WUg|Z'W'Xc'
YbhY'cg'a zg'a Y|UX|fj Yfg'cg'XY'a i bXc'gY|'b'gi'
V|cXlj Yfg|XUX'z'Yg'Z'Y'W'YbhY'Y'f'Y' |bZ'c'fa Yg' mi chfcg'
Xc'Wa Ybhc'g'Yb'XcbXY'J'YbYni YU'Z|i fU'Wa c'i bc'
XY'cg'X|Yn'df|a Yfcg'dUig'Yg'Wb'a Uncf'X|j Yfg|XUX'
V|c'CE|W'XY'd'UbYHU'mY'gY|hc'Yb'5'a ff|W'XY'Gi'f"
G|b'Ya VUf|c'U'dYgUf'XY'YghU'j |fhi X'bUhi fU'Z'U' b'bc'
gY'WbcW'Yb'gi' hchU|XUX'h'XUg'Ug'YgdYMY'g'ei Y'gY'
YbW'YbhfUb'Yb'Y' dUig'z'Yg'hc'fUY'Wa c'W'bgY'W'Yb'WU'
Y'\YWc'XY'i b'XYg'WbcV'la |Ybhc'dUF'WU'XY'bi Ygh'c'
fYWF'g'c'XYg'XY'Y'di bhc'XY'Udf'cj YW'Ua |Ybhc'Z'f'YghU'"
9b'U'fY|]CB'; i Un'ubU'gY'hYbY'fY'dcf'HXc'U'V'Z'U'
a zg' [fUb'XY'XY'f|ei YnU'XY'YgdYMY'g' miXY'YgdYMY'g'
YbX'fa |W'g'"I bU'XY'YghU'g'YgdYMY'g'YbX'fa |W'g'Yg'U'
9f|ch\YWU|'c'Vcg'U'f'fi V'YH'5" F'c'Vnb'g'XY'UZ'la |]U'
6ca VUM'WUY'Z'UWU'YghU'fYdf'Yg'Yb'HXU'dcf'YghU'g'c'U'
YgdYMY'dUF'UY' |YbY'f'c'9f|ch\YW'Yb'J'YbYni YU'"9ghU'
YgdYMY'bc'YghU'XY'h'fa |bUXU'h'YMc'CE|W'a YbhY'dUF'U'
Y'dUig'z'Yg'dcf'Y'c'ei Y'U'fU'j fg'XY'df'Yg'YbhY'YghU'X|c'
XY'|bj Ygh|]UM'CB'gY'fYU|n'CE'U'XY'h'fa |bUM'CB'XY'Ug'
dfcd|YXUX'Yg'Zig|W'a YWb|W'g'Ug'W'a c'HLa V|fb'Yb'
Z'b'V'CB'XY'U|i bUg'W'bg|XY'fUM'cb'Yg'gY'Ug||bUf'cb'
i g'cg'dcg|V'Yg'XY'YghU'YgdYMY'Yb'U'|bXi gh|U'XY'U'
W'fd|bhYf'U'm'U'Y'U'j|ghY'U'

9'WbcV'la |Ybhc'XY'bi Ygh'c'fYWF'g'c'Vegei Y'bcg'
Wb'Y'j U'U'i b'a Y'cf'a UbY'c'mi h'|nUM'CB'XY'U'a UgU'
Z'f'YghU' bUM'cbU'"9g' dcf'Y'c'ei Y'gY'fYei |YFY'XY'
YghU'X|cg'Y'|bj Ygh|]UM'cbYg'h'YMc'CE|W'g'UM'FW'XY'Ug'
YgdYMY'g'a UXY'fU'Yg'dc'W'WbcV'XUg'z'Wb'U'|bhYb'V'CB'
XY'Xlj Yfg|Z'W'f'Y'W'a dc'XY'cg'dfc'Xi W'cg'Z'f'YghU'Yg'
bUM'cbU'Yg'mi Ug'i h'|XUX'Yg'XY'YghY'fYWF'g'c'z'Ug'W'a c'
HLa V|fb'U'Z'a YbHU'Y'XY'gU'f'c'c'XY'U'|bXi gh|U'XY'
'U'h'YMc'c|U'XY'U'a UXY'fU'"@cg'Vegei Yg'fcd|W'Yg'
h|YbYb' [fUb'j Uf|UM|]XUX'Yb'W'Ubhc'U'YgdYMY'g'
UfV'CE'Y'Ug'z'Yg'hc'Yg'XY'Xc'U'U'V|cXlj Yfg|XUX'dcf'i b|XUX'
XY'z'fY'Uei Y'cg'W'fUM'f|nUXY'fYg'hc'XY'cg'Vegei Yg'XY'
d'Ub'YHU'"@U'fY|]CB'; i Un'ubU'm'Yb'YgdYMY'U'Y'YghU'Xc'
6c'ij Uf'bc'Yg'W'dU'XY'YghY'V'Yb'Z'Y'V'c'f|cXlj Yfg|XUX'z'
Yb'X|WU'fY|]CB'YghU'Wb'Wb'hf'UXc'U'a Uncf'dUF'hY'XY'
'Ug'z'fY'Ug'Ve'g'W'g'Ug'XY'dUig'"G'c'c'Y'YghU'Xc'6c'ij Uf'
dcg'Y'Y', & XY'hchU'XY'Ygh'z'g'z'fY'Ug'Ve'g'W'g'Ug'XY'
dUig'W'ff'Ygd'cbX|YbhY'U'f'Yg'Y'f'Ug': cfYghU'Yg'mi@chYg'
6cg'W'g'cg'ff'YbhY'bcz'%, (E'5'dYgUf'XY'Y'c'Ug'YgdYMY'g'
Z'f'YghU'Yg'a UXY'fU'Yg'Yl d'chUX'U'g'cb'a i midc'W'g'Yb'
fY'UM'CB'Wb'Y'b'a Y'fc'XY'YgdYMY'g'ei Y'Yl |ghYb'Yb'

Y'Vegei Y'Dcf'f'UX|V'CB'gY'\U'Yl d'chUXc'i b'|f'ic'
a i mig'Y'YMc'XY'YgdYMY'g'z'W'a c'Yg'Y'W'g'c'XY'U|i bUg'
YgdYMY'g'XY'cg'U'U'U'bc'g'c'W'X'Yb'U'Yg'Y' DUW|fU'
ei |b'UHU' f'G'Uei |!g'Uei |Ez' 7YX'f'Y'U' c'X'c'f'UHU'
ff'YX'f'c'z'Yb'f'Y'ch'f'Ug'"I bU'XY'Ug'f'Uncb'Yg'ei Y|b'V'XY'
Yb'YghU'Wb'Xi W'U'Yg'U'i h'|nUM'CB'XY'Ug'YgdYMY'g'
ei Y'nU' h|YbY'i b'a Y'f'W'Xc' bUM'cbU' UgY|i fUX'c'z'
UdUF'hY'XY'U'h'YMc'c|U'Yb'Y'dfc'W'g'Ua |Ybhc'XY'Ug'
h'fc'Ug'ei Y'Yb'a i W'cg'W'g'cg'g'cb'fi X|a YbHU|Ug'mi
c'V'g'c'YHUg'"HLa V|fb'U'Z'U'HU'XY'WbcV'la |Ybhc'UM'FW'
XY'Ug'df'cd|YXUX'Yg'm'W'fUM'f|gh|W'g'XY'fYg'hc'XY'Ug'
YgdYMY'g'fY'Y|UXU'g'Yb'Y'Vegei Y'c'W'g'lc'bU'|fUb'dUF'hY'
'U'Yl d'chUM'CB'gY'W'W'j U'z'c'Vj |Ua YbhY'gl'bc'gY'hYbY'
WbcV'la |Ybhc'd'Ybc'XY'fYWF'g'c'z'dcf'gi di Ygh'c'ei Y'
YghY'g'f'z'gi Vli h'|nUXc'"

9ghU'WU'f'c'ei Y'bc'XY'cg'W'a |bcg'U'gY|i |f'
dUF'U'W'a V|Uf'YghU'g|hi UM'CB'dcf'XY'a zg'W'a •b'
Yb'YghU'dUF'hY'XY'a i bX'c'z'Yg'Y'\YWc'XY'fYU|nU'f'
|bj Ygh|]UM'cbYg'Ud|W'XU'g'U'W'g'c'z'gY'fYei |YFY'i bU'
a Uncf'df'Yg'Yb'WU'XY'Ug'Ui h'cf|XUX'Yg'XY'za V|hc'
Z'f'YghU'"5g'W'a c'HLa V|fb'U' |bhY|fUM'CB'XY'Ug'
Ya df'Yg'Ug'Wb'W'g'lc'bU'|Ug'Wb'Ug'|b'gh|h'V'cb'Yg'Xcb'XY'
gY|a dUF'hY'YXi W'V'CB'gi dY|cf'Yb'a U'hYf|U'Ua V|YbHU'
mi h'YMc'CE|W'"9g' bY'W'g'Uf|c'W'fUM'f|nU'f'U|i bUg'
YgdYMY'g'Yl |ghYb'bhY'g'Yb'U'fY|]CB'; i Un'ubU'z'XY'g'XY'
Y'di bhc'XY'j |ghU'h'YMc'CE|W'z'Ug'W'a c'YghU'Y'W'f'
dUF'cb'Yg'XY'W'a dUF'UM'CB'Yb'fY'UM'CB'U'U'Wb'h'XUX'
XY'YgdYMY'g'Y'U'i UXU'g'j Yf'gi g'YgdYMY'g'Yl d'chUXU'g'mi
'cg'j c'•a YbY'g'fYU'Yg'XY'Yl d'chUM'CB'z'XY'YghU'a UbY'fU'
gY'fYU|nU'f'z'i bU'VU'g'Y'XY'XU'hc'g'ei Y'U'dcf'HU'f'z'z'cg'
j c'•a YbY'g'fYU'Yg'm'Wb'h|XUX'XY'YgdYMY'g'U'mi Ua YbhY'
Yl d'chUXU'Yb'U'fY|]CB'z'U'a UbY'fU'XY'fY'cf|Yb'HU'Y'
gYb'h|Xc'XY'c'ei Y'Yg'Y'U'df'cj YW'Ua |Ybhc'Z'f'YghU'"
9g'XY'j |hU'ja dcf'HU'W'U'W'a V|Uf'YghU'g|hi UM'CB'z'
dcf'Y'V|Yb'W'a •b'XY'g'Y'W'cf'XY'U'h'YMc'c|U'XY'U'
a UXY'fU'

@U|b'W'f'dcf'UM'CB'XY'bi Y'Ug'YgdYMY'g'U'a Y'f'W'Xc'
XY'VY\U'W'f'gY'XY'g'XY'i b'W|h'f|c'V'Yb'h|Z'W'h'YMc'CE|W'z'
Yg'XY'W'f'U'a ca Ybhc'XY'gY'W'W'cb'Uf'i bU'YgdYMY'g'mi
dfc'W'XY'f'U'gi hi a VU'dUF'U'gi d'fc'W'g'Ua |Ybhc'z'gY'XY'VY'
hYb'Yf'i b'a |b|a c'XY'|bZ'c'fa UM'CB'XY'YghY'|bX|j |Xi c'
XY'a UbY'fU'ei Y'U'cdcf'hi b|XUX'XY'W'a dY'h'Yb'WU'XY'
YghU'YgdYMY'g'YU'Yb'Wb'X|V'cb'Yg'|i U'Yg'dUF'U'Ua VUg'z'
h'Ubhc'dUF'U'Ug'ei Y'h|Yb'Yb'nU'gi a Y'f'W'Xc'YghU'Y'W'Xc'
W'a c'Ug'ei Y'Ugd|fUb'Yg'W'Uf'dcg|V'CB'Yb'Y'a |ga c'"
9b'hc'W'g'U'YghU'f'W'bg'W'YbhY'XY'YghU'g|hi UM'CB'
dcf'ei Y'bc'XU'f'Y'i b'j i Y'W'U'Y'c'z'mi fY'X|g'Y'Uf'
Wb'1 b'HLa YbhY'U'dc'U'h|W'XY'Udf'cj YW'Ua |Ybhc'mi
a UbY'c'Z'f'YghU'z'W'a Ybn'Ub'Xc'XY'g'XY'cg'Wb'hc'Yg'Yb'
'cg'g|h'cg'XY'Yl d'chUM'CB'\UghU'U'Z'g'W'|nUM'CB'XY'Ug'

YgdYMYg' Y' d' c' hU' X' U' g' m' Y' U' d' c' f' h' Y' X' Y' [U' b' U' b' W' U' d' f' c' X' i' W' c' X' Y' Y' g' h' U' U' M' |C' B'] X' U' X' F' Y' W' f' X' Y' a' c' g' e' i' Y' b' i' Y' g' h' f' c' g' V' c' g' e' i' Y' g' m' i' f' Y' g' Y' f' j' U' g' Z' c' f' Y' g' h' U' Y' g' Y' b' ; i' U' n' t' u' b' U' W' b' g' h' |h' i' m' Y' b' i' b' U' [f' U' b' f' Y' g' Y' f' j' U' X' Y'] b' z' c' f' a' U' M' |C' B' [Y' b' f' h' |W' e' i' Y' Y' b' Y' Z' h' i' f' c' d' i' Y' X' Y' m' X' Y' V' Y' g' Y' f' U' d' f' c' j' Y' W' U' V' Y' z' g' |h' i' U' M' |C' B' e' i' Y' b' c' g' W' c' W' Y' b' i' b' U' d' c' g' |W' |C' B' X' Y' d' f' |j'] Y' |c' Y' b' f' Y' U' M' |C' B' W' b' c' h' f' c' g' d' U' |g' Y' g' X' Y' a' i' b' X' c' z' Y' b' H' U' g' y' b' h' |X' c' X' Y' V' W' b' g' |X' Y' f' U' g' Y' U'] b' j' Y' g' h' | U' M' |C' B' h' Y' W' c' |C' E' |W' Y' b' Y' W' a' d' c' Z' c' f' Y' g' h' U' W' a' c' i' b' U' X' Y' U' g' U' j' Y' g' e' i' Y' d' i' Y' X' Y' U' m' |f' b' c' g' d' U' g' c' g' \ U' M' U' U' W' a' d' Y' H' U' [c' V' U'] n' U' M' |C' B' X' Y' g' Y' W' c' f' m' i' U' W' a' d' Y' h' |h' j' |X' U' X' Y' b' c' g' a' Y' f' W' X' c' g' |b' h' Y' b' U' M' |C' b' U' Y' g'

9b Y' W' g' c' d' U' f' h' |W' U' f' X' Y' @c' h' Y' 6' c' g' W' g' c' G' U' b' D' Y' X' f' c' Y' b' Y' Y' g' h' U' X' c' 6' c' j' U' f' z' U' g' Y' a' d' f' Y' g' U' g' W' b' W' g' |c' b' U' f' |U' g' U' ž' g' c' c' g' Y' X' X' |W' b' U' Y' l' d' c' h' U' f' U' g' Y' g' d' Y' M' Y' g' e' i' Y' h' U' X' |W' c' b' U' a' Y' b' h' Y' g' Y' \ U' b' U' d' f' c' j' Y' W' U' X' c' z' U' g' W' U' Y' g' Y' b' [f' U' b' d' U' f' h' Y' g' h' z' b' W' f' U' M' |C' B' n' U' X' U' g' h' W' c' |C' E' |W' a' Y' b' h' Y' z' g' |b' Y' a' V' U' f' [c' Y' |g' h' Y' i' b' U' W' b' h' |X' U' X' W' b' g' |X' Y' f' U' V' Y' X' Y' c' h' f' U' g' Y' g' d' Y' M' Y' a' U' X' Y' f' U' V' Y' g' m' i' d' c' h' Y' b' W' U' a' Y' b' h' Y' a' U' X' Y' f' U' V' Y' e' i' Y' U' a' Y' f' |h' U' b' i' b' Y' g' h' X' |c' W' b' h' |Z' W' z' n' U' e' i' Y' X' Y' Y' g' h' U' a' U' b' Y' f' U' g' Y' Y' g' h' U' f' z' U' d' f' c' j' Y' W' U' b' X' c' Y' f' Y' W' f' g' c' X' Y' Z' c' f' a' U'] X' C' E' Y' U' z' Y' b' V' U' g' Y' U' g' i' g' a' Y' c' f' Y' g' U' d' h' |h' i' X' Y' g' e' i' Y' d' i' Y' X' U' d' f' Y' g' Y' b' h' U' f' d' U' F' U' c' g' X' |j' Y' f' g' c' g' i' g' c' g' d' f' c' d' i' Y' g' h' c' g' U' M' |U' a' Y' b' h' Y' m' i' c' g' e' i' Y' g' i' f' |f' z' b' W' a' c' X' Y' a' U' b' X' U' X' Y' U' a' U' X' Y' f' U' W' a' c' U' h' Y' f' b' U' h' j' U' Y' b' Y' a' i' b' X' c' X' Y' c' g' a' U' h' f' |U' Y' g' i' g' U' X' c' g' d' c' f' U' \ i' a' U' b' |X' U' X' " @U' Z' a']]U' 6' c' a' V' U' M' W' U' Y' z' Y' g' h' U' f' Y' d' f' Y' g' Y' b' h' U' X' U' Y' b' J' Y' b' Y' n' i' Y' U' d' c' f' %) [f' b' Y' f' c' g' m' + , Y' g' d' Y' M' Y' g' f' b' |g' h' Y' |] Y' h' L' z' % + ' E' 9' [Y' b' Y' f' c' 9' f' |c' h' Y' W' z' g' c' c' Y' g' h' U' f' Y' d' f' Y' g' Y' b' h' U' X' c' Y' b' Y' d' U' |g' d' c' f' U' Y' g' d' Y' M' Y' 9' f' |c' h' Y' W' / ' c' V' c' g' U' f' 5' i' V' Y' H' L' 5" F' c' V' n' b' g' ž' e' i' Y' g' c' c' g' Y' b' W' Y' b' h' U' Y' b' U' g' Y' j' U' g' \ a' Y' X' U' g' m' W' |X' U' g' X' Y' U' f' Y' |C' B' ; i' U' n' t' u' b' U' f' b' |g' h' Y' |] Y' h' L' z' %) (E'

GY [• b' F' c' V' n' b' g' f' % * ' l' z' Y' [f' b' Y' f' c' 9' f' |c' h' Y' W' Y' g' h' U' X' |g' d' Y' f' g' c' g' c' c' Y' b' 5' a' f' |W' X' Y' G' i' f' z' Y' b' W' b' l' f' z' b' X' c' g' Y' g' c' c' Y' b' ; i' n' t' u' b' U' : f' U' b' W' g' U' z' 6' f' |z' b' |W' m' i' c' U' b' X' Y' g' U' D' Y' f' • z' 6' f' U' g' |z' G' i' f' |b' U' a' z' 7' c' c' a' V' |U' m' i' Y' b' U' ; i' U' n' t' u' b' U' J' Y' b' Y' n' c' U' b' U' J'] Y' U' f' % * - l' z' f' Y' U'] n' C' i' b' U'] b' j' Y' g' h' | U' M' |C' B' g' c' V' Y' U' g' Y' g' d' Y' M' Y' g' X' Y' U' ; i' U' n' t' u' b' U' J' Y' b' Y' n' c' U' b' U' m' i' X' Y' h' Y' f' a'] b' c' j' U' c' f' Y' g' X' Y' U' g' d' f' c' d' |Y' X' U' X' Y' g' Z' i' g' |W' g' m' i' a' Y' W' b' |W' g' Y' b' X' |W' U' g' d' i' V' |W' M' |C' B' f' Y' d' c' f' H' U' U' [f' b' Y' f' c' 9' f' |c' h' Y' W' 7' i' X' b' c' Z' Z' f' % , (l' z' f' Y' U'] n' C' i' b' U' X' Y' g' W' |d' W' |C' B' V' c' h' z' b' |W' m' i' X' Y' U' g' d' f' c' d' |Y' X' U' X' Y' g' Z' i' g' |W' ! a' Y' W' b' |W' g' X' Y' U' g' g' |i'] Y' b' h' Y' g' Y' g' d' Y' M' Y' g' : D' U' W' |f' U' e' i'] b' U' h' U' z' 7' U' h' c' g' h' Y' a' U' W' a' a' i' b' Y' z' 7' Y' |V' U' d' Y' b' h' U' b' X' f' U' m' i' C' W' f' c' a' U' d' n' f' U' a'] X' U' Y' d' U' f' U' 6' c' a' V' U' M' W' U' Y' z' X' |Z' b' X' |X' U' g' X' Y' g' X' Y' 5' a' f' |W' X' Y' G' i' f' \ U' g' h' U' ä' Z' |W' " @U' Y' g' d' Y' M' Y' 9' f' |c' h' Y' W' / ' c' V' c' g' U' f' 5' i' V' Y' H' L' 5" F' c' V' n' b' g' ž' X' Y' Z' b' |h' j' U' a' Y' b' h' Y' e' i' Y' X' U' f' Y' d' c' f' H' U' X' U' Y'] X' Y' b' h' |Z' W' X' U' d' U' f' U' c' g' V' c' g' e' i' Y' g' g' Y' W' g' U' \ • a' Y' X' c' g' X' Y' G' i' f' |Y' g' h' Y' X' Y' U' f' Y' |C' B' ; i' U' n' t' u' b' U' z' g' Y' [• b' f' |Y'] C' B' z' % - (E') @U' 7' z' a' U' f' U' B' U' M' |C' b' U' 8' Y' D' Y' f' • f' % - * l' z' f' Y' d' c' f' H' U' U' U'

YgdYMY' 9f|ch\ YW' fi]nn|ž' m' U' YgdYMY' 9f|ch\ YW' / 'cVcgU' f5i V'YHL 5" FcVnbgž' gi [|f|YbXc' gi' i' gc' dUFU' Wf'd|bhYf|U' a Ybcf' mi dUFU' U']bXi g|f|U' XY' WbhfUWUdUXcz VzgiWa YbhY' dcf' 'cg' X|za Yf'cg' Zlj cfUV'Yg' XY' YghUg' YgdYMYg' dUFU' Y' XYgVcV|bUXc' Yb' WUdUg' dUFU' hUV'Yfc' mi WUdUg' XYWfUhj Ug' 9' WbcV|a]Ybhc' XY' Ug' dfcd|YXUXYg' Zig|W!a Ywb|Wgmi WfUMf|gh|Wg' XY' Ug' YgdYMYg' ZcfYghU'Yg' W' UVcfU' dUFUY' d'fcWg|a]Ybhc' Ug|W' a c'dUFU' U']bWf' dcfU' M|CB' XYbi Yj UghY|W|WgmdfcWgcghW'c' |WgU' Ug']bYUg']bXi g|f|U' Yg' XY' d'fcXi W|CB' "5" dUfh|f' XY' Ygh' X|c' XY' 'Ug' dfcd|YXUXYg' Zig|W!a Ywb|Wgmi WfUMf|gh|Wg' XY' fU' U' U']XUX']bXi g|f|U' XY' Ug' YgdYMYg' žg' Ydi YXY' \UWf' fY' W' a YbXU' c' bYg' Yb' fYU' M|CB' Wb' Y' [fUX' XY' UXUdhU']XUX' mUdh|hi XXY' YghUg' YgdYMYg' Yb' i b' W' g' c' XYh' f' a]bUXc' f' b' i f' Ubz' % , +E'

A 9HC8C@C; a5

GY g'Y'Y'W|c' b' U' f' c' b' W' b' W' f' b') L' z' f' V' c' Y' g' X' Y' U' Y' g' d' Y' M' Y' 9' f' |c' h' Y' W' / ' c' V' c' g' U' f' 5' i' V' Y' H' L' 5" F' c' V' n' b' g' ž' d' f' c' j' Y' b' |Y' b' h' Y' g' X' Y' @c' h' Y' 6' c' g' W' g' c' G' U' b' D' Y' X' f' c' X' Y' Y' g' h' U' X' c' 6' c' j' U' f' z' U' g' Y' a' d' f' Y' g' U' g' W' b' W' g' |c' b' U' f' |U' g' U' ž' g' c' c' g' Y' X' X' |W' b' U' Y' l' d' c' h' U' f' U' g' Y' g' d' Y' M' Y' g' e' i' Y' h' U' X' |W' c' b' U' a' Y' b' h' Y' g' Y' \ U' b' U' d' f' c' j' Y' W' U' X' c' z' U' g' W' U' Y' g' Y' b' [f' U' b' d' U' f' h' Y' g' h' z' b' W' f' U' M' |C' B' n' U' X' U' g' h' W' c' |C' E' |W' a' Y' b' h' Y' z' g' |b' Y' a' V' U' f' [c' Y' |g' h' Y' i' b' U' W' b' h' |X' U' X' W' b' g' |X' Y' f' U' V' Y' X' Y' c' h' f' U' g' Y' g' d' Y' M' Y' a' U' X' Y' f' U' V' Y' g' m' i' d' c' h' Y' b' W' U' a' Y' b' h' Y' a' U' X' Y' f' U' V' Y' e' i' Y' U' a' Y' f' |h' U' b' i' b' Y' g' h' X' |c' W' b' h' |Z' W' z' n' U' e' i' Y' X' Y' Y' g' h' U' a' U' b' Y' f' U' g' Y' Y' g' h' U' f' z' U' d' f' c' j' Y' W' U' b' X' c' Y' f' Y' W' f' g' c' X' Y' Z' c' f' a' U'] X' C' E' Y' U' z' Y' b' V' U' g' Y' U' g' i' g' a' Y' c' f' Y' g' U' d' h' |h' i' X' Y' g' e' i' Y' d' i' Y' X' U' d' f' Y' g' Y' b' h' U' f' d' U' F' U' c' g' X' |j' Y' f' g' c' g' i' g' c' g' d' f' c' d' i' Y' g' h' c' g' U' M' |U' a' Y' b' h' Y' m' i' c' g' e' i' Y' g' i' f' |f' z' b' W' a' c' X' Y' a' U' b' X' U' X' Y' U' a' U' X' Y' f' U' W' a' c' U' h' Y' f' b' U' h' j' U' Y' b' Y' a' i' b' X' c' X' Y' c' g' a' U' h' f' |U' Y' g' i' g' U' X' c' g' d' c' f' U' \ i' a' U' b' |X' U' X' " @U' Z' a']]U' 6' c' a' V' U' M' W' U' Y' z' Y' g' h' U' f' Y' d' f' Y' g' Y' b' h' U' X' U' Y' b' J' Y' b' Y' n' i' Y' U' d' c' f' %) [f' b' Y' f' c' g' m' + , Y' g' d' Y' M' Y' g' f' b' |g' h' Y' |] Y' h' L' z' % + ' E' 9' [Y' b' Y' f' c' 9' f' |c' h' Y' W' z' g' c' c' Y' g' h' U' f' Y' d' f' Y' g' Y' b' h' U' X' c' Y' b' Y' d' U' |g' d' c' f' U' Y' g' d' Y' M' Y' 9' f' |c' h' Y' W' / ' c' V' c' g' U' f' 5' i' V' Y' H' L' 5" F' c' V' n' b' g' ž' e' i' Y' g' c' c' g' Y' b' W' Y' b' h' U' Y' b' U' g' Y' j' U' g' \ a' Y' X' U' g' m' W' |X' U' g' X' Y' U' f' Y' |C' B' ; i' U' n' t' u' b' U' f' b' |g' h' Y' |] Y' h' L' z' %) (E'

@Ug' dfcd|YXUXYg' Ygh' X|UXUg' Z' Yfcb' U' g' g' | [i'] Yb' h' Y' g'

Dfcd|YXUXYg'Zig|WUg 9bgUhg'ei Y' g'Y' f'YU']nUfcb' Yb' U' WbX|W|CB' j' YfX'Yz' g'Y'W' U']f'Y' m'ig'Y'W' U' \cfbc"

% " 8 Ybg|XUX. % " % " 8 Ybg|XUX' j' YfX'Y' f' f' z' " L % & " 8 Ybg|XUX' g'Y'W' U']f'Y' f' f' g' U' L' f' % & i' 7' " \ L % " " 8 Ybg|XUX' g'Y'W' U' \cfbc' f' f' g' \ L

&! DYgc YgdYwZjW Vzg|Wē fd"Y"V"Ł

'"!7cbhYb|Xc XY<i a YXUXf7"\"Ł
'"%7cbhYb|Xc XY\i a YXUX'Yb`U'WbX|V|CB j YfXY
'"&7cbhYb|Xc XY\i a YXUX'Yb`U'WbX|V|CB gYwU`
Ujfyf%& 7"\"Ł

(!"7cbhfUW|cbYg
(%"7cbhfUW|CB XYgXY`U'WbX|V|CB j YfXY`U'gYwU`
Ujfy.
· ("%7cbhfUW|CB fUX|U'fēf"j"!g"UŁ
· ("%&7cbhfUW|CB hLb|YbVU'fēh"j"!g"UŁ
· ("% "7cbhfUW|CB`cb|]hi X|bU'fē"j"!g"UŁ
· ("%("7cbhfUW|CB j c i a f|f|W'fē"j"!g"UŁ
("&7cbhfUW|CB XYgXY`U'WbX|V|CB j YfXY`U'gYwU`
\cfbc.
· ("%&7cbhfUW|CB fUX|U'fēf"j"!g"UŁ
· ("%&7cbhfUW|CB hLb|YbVU'fēh"j"!g"UŁ
· ("% "7cbhfUW|CB`cb|]hi X|bU'fē"j"!g"UŁ
· ("%("7cbhfUW|CB j c i a f|f|W'fē"j"!g"UŁ

)"!FYUW|CB H#F.
)%"FYUW|CB H#F XY`U'WbX|V|CB j YfXY`U'gYwU`Ujfy
fH# j!g"UŁ
)"&FYUW|CB H#F XY`U'WbX|V|CB j YfXY`U'gYwU`
\cfbc fH# j!g"UŁ

Dfcd|YXUXYg'a YWb|Wg
@cg'YbgUncg' a YWb|Wg' gY'fYU|nUfcb' dUFU`U`
WbX|V|CB j YfXY'm`U'WbX|V|CB gYwU`UjfyU'1 glXcg'
U`%&i XY'WbhbY|Xc XY\i a YXUX'

%!FYg|ghYbWU`U`UZY|CB.
%%"9gZ Yfnc U`ja |hY'dfcdcfV|cbU'fē"@D'Ł
%&"A cXi`cXY'fi dhi fU'fA "C" F"Ł
%" "A cXi`cXY'YUgh|VXUX'fA "C"9"Ł

&!FYg|ghYbWU`U`U'W'a dfYg|CB'dUFU'Y'U'XY`U`
ZVfU.
&%"9gZ Yfnc U`ja |hY'dfcdcfV|cbU'fē"@D'Ł
&"A zl|a UfYg|ghYbWU'fA "F"Ł
&" "A cXi`cXY'YUgh|VXUX'fA "C"9"Ł

'"!FYg|ghYbWU`U`U'W'a dfYg|CB'dYf dYbX|W`Uf`
U`U'ZVfU.
'%"9gZ Yfnc U`ja |hY'dfcdcfV|cbU'fē"@D'Ł

(!"FYg|ghYbWU`U`U'Xi fYnU
(%"8i fYnU'XY`UXcgfB"@Ł
("&8i fYnU'XY`Yl hfYa cgfB"9"Ł

)"!FYg|ghYbWU`U`WnU`U'a |Ybhc f7 nŁ

*"!FYg|ghYbWU`U`U'hYbUW'XUX'fHL

F 9GI @H58CG'M'8=G7I G=ē B

9bWUXfcg&m' gYa i YgfU'cgfYg' hUXcg'cVhYb|Xcg'
dUFU`U'g' dfcd|YXUXYg' Zg|Wg' mia YWb|Wg' Yb' WUXU`
i bU' XY`U'g' WbX|V|cbYg' XY`i a YXUX' Yghi X|UXUg`
fYgdYw|j Ua YbhY XY`U' YgdYwY ZcfYghU` 9f|ch| WU`
/`cVcgU' fbi VYH 5" FcVnbg" 5gf' hYbYa cg' ei Y`U`
XYbg|XUX'gYwU`Ujfyf%& 7"\"Ł fYg| gh' hc' gYf XY'Sz'+%
[#A' z'c'ei Y`U'WU`Z|W'W'a c i bU'YgdYwYXYXYbg|XUX`
a YX|Uz nU' ei Y' gY' i V|W' XYbhc' XY`fUb|c' Sz') S' mi
Sz') S' [#A'` gY|`b' WUg|Z|W|CB' XY' J|YU' f%*-L'
@Ug' YgdYwYg'a UXfUV'Yg' Yghi X|UXUg' Yb' fYUW|CB' U`
g' g' dfcd|YXUXYg' Zg|Wg' mia YWb|Wg' XY`U' Z|a |]U`
6ca VUWU'Y dUFU'J YbYni YU`U' b' dfYgYbHUXc' XYb|
g|XUXYg' gYwU`Ujfy a zg' VU'Ug' W'a c' Yg' Y' Wgc' XY`
7U'hcgh'a a U'W'a a i b YfSž), [#A'` EA cfUm'ffcn'`
f%*, lžC Wfca U'd|fUa |XU'YfSž&* [#A'` L@'B'D': "
f%+&lž 7Y|VU` dYbHUbXfU' fSž([#A'` L@'B'D': "
f%+&lž DUW|fU` ei |bUHU' fSž' [#A'` L@'B'D': "
f%+&lž @U' YgdYwY 9f|ch| WU` /`cVcgU' fbi VYH 5"
FcVnbg' Yg' U' YgdYwY a zg' XYbg|Uz Wb' fYgdYwU`
U`U'g' chUg' YgdYwYg' XY`U' a |ga U' Z|a |]U` GY|`b'
B|b|b' f%- , +lž XY' UWYfXc' U`cg' j U'cfYg' dfca YX|c`
cVhYb|Xcg' U' WbhfUW|CB' fUX|U' XYgXY`U' WbX|V|CB`
XY`i a YXUX' j YfXY`U' gYwU`UjfyZ dYfHbYwU`U`
WUgY`=mW|H|cf|U'a YX|U'fž%1 @&ž) (- 1` @' ž`
1 lž dUFU`U' a |ga U' WbhfUW|CB' fUX|U' dYfc' XYgXY`
U' WbX|V|CB' XY`i a YXUX' j YfXY`U' gYwU`U` \cfbc`
dYfHbYwU`U'WUgY`=mW|H|cf|U'VU'fž) 1` @' ž , (1`
1` @ (ž 1` L'cg' j U'cfYg' XY' WbhfUW|CB' hLb|YbVU`
XYgXY`U' WbX|V|CB' XY`i a YXUX' j YfXY`U' gYwU`Ujfy`
dYfHbYwU`U'WUgY`=mW|H|cf|U'a YX|U'fž%1`
@ (ž, -1` @) ž 1 lž dUFU`U' WbhfUW|CB' hLb|YbVU`
XYgXY`U' WbX|V|CB' XY`i a YXUX' j YfXY`U' gYwU`U`
\cfbc`dYfHbYwU`U'WUgY`=mW|H|cf|U'VU'fž ž 1`
@*ž(S1` @+ž) 1` L'U'WbhfUW|CB'`cb|]hi X|bU' XYgXY`
U' WbX|V|CB' XY`i a YXUX' j YfXY`U' gYwU`UjfyYdfc|U`
i b j U'cf' dfca YX|c' fSž) S1 lž midUFU`U' WbhfUW|CB`
`cb|]hi X|bU' XYgXY`U' WbX|V|CB' XY`i a YXUX' j YfXY`
U' gYwU`U` \cfbc`fYdfc|U' i b j U'cf' dfca YX|c' fSž(- , 1`
L' WbhfUW|CB' j c i a f|f|W' XYgXY`U' WbX|V|CB' XY`
i a YXUX' j YfXY`U' gYwU`Ujfy`dYfHbYwU`U'WUgY`
=mW|H|cf|U'a YX|U'fž%1` @*ž , , 1` @, ž 1` L'mi`
U' WbhfUW|CB' j c i a f|f|W' XYgXY`U' WbX|V|CB' XY`
i a YXUX' j YfXY`U' gYwU`U` \cfbc`dYfHbYwU`U'WUgY`

7i UXfc`%'8]a Ybg]cbYg`XY dfcVhUg`mbcfa Ug`i h`]nUXUg`dUfU`cg`YbgUmcg`XY dfcd]YXUXYg`Zig]Wg`mia Ywb]Wg`"

Dfcd]YXUXYgZig]Wg	8]a Ybg]cbYg`fM L	Bcfa U
8 Ybg]XUXj YfXY	' zL`' zL`%S zS	8-B) &% &
8 Ybg]XUX`gYW`U`UjFY	' zL`' zL`%S zS	8-B) &% &
8 Ybg]XUX`gYW`U`\cfbc	' zL`' zL`%S zS	8-B) &% &
DYgc`YgdYW]W`VzgjW	' zL`' zL`%S zS	8-B) &% &
7cbh]b]Xc`XY`i a YXUX	' zL`' zL`%S zS	8-B) &% &
7cbfUM]CB`fUX]U	' zL`' zL`%S zS	8-B) &%&(
7cbfUM]CB`hU] Yb]U	' zL`' zL`%S zS	8-B) &%&(
7cbfUM]CB`cb[]h] X]bU	' zL`' zL`%S zS	8-B) &%&(
7cbfUM]CB`j`c`i a`f]f]W	' zL`' zL`%S zS	8-B) &%&(
Dfcd]YXUXYgZig]Wg	8]a Ybg]cbYg`fM L	Bcfa U
:`Y]]CB`Ygzh]W	&] L`&] L`(% zS	5GHA`8]%(`#&`*!&(&
7ca`dfYg]CB`dUfU`Y`U	&] L`&] L`%S zS	5GHA`8]%(`#&`!&`S
7ca`dfYg]CB`dYfdYbX]W`Uf	) zL`) zL`% zS	5GHA`8]%(`#`+!, &
8i`fYnU	) zL`) zL`% zS	5GHA`8]%(`#`! , +
7]nU`Ua`]Ybhc	) zL`) zL`* zS	5GHA`8]%(`# , !- &
HbUM]XUX	% z` L`% z` L`& zS	5GHA`8]%(`#`%+*

7i UXfc`&`8 Ybg]XUX`Yb`U`WbX]W]CB`XY`i a YXUX`j YfXY`z`gYW`U`UjFY`z`gYW`U`\cfbc`mdYgc`YgdYW]W`VzgjW`XY`9f/ch\ YWU/`cVcgU`fbi VYhL5`F`cVmbg`"

9ghUXigh]W	€"fl`fl` L	7"\"j"fl` L	€g"U"fl`fl` L	7"\"g"U"fl` L	€g"\"fl`fl` L	D'Y'V"
L`1`	Sz` (%	+&z`+	Sz`+S	%&z`SSS	Sz` S&	Sz` (&
8"G"1`	Sz`S+	% z` S&	Sz`S,`	Sz`SSS	Sz`S,`S	Sz`S,`-
7"J"fl` E1`	%z`),`	% z`++	% z`z`d`	Sz`SSS	% z` , &	% z` z` &S
b`1`	%SS	%SS	%SS	%SS	%SS	%SS
7cbfUM]cbYgXYgXY`U`WbX]W]CB`j`YfXY`U`gYW`U`UjFY`"						
9ghUXigh]W	€f"fl` L	€h"fl` L	€"fl`fl` L	€j"fl` L	HF	
L`1`	&] S-	(zS, -	Sz`) S	* z` , ,	%z`'`	
8"G"1`	Sz`*(`	Sz`%`	Sz`S`-`	%z`! ,`	Sz`z` S	
7"J"fl` E1`	&&z`% +`	&&z` - S`	& z` z`+(`	%+z`&%`	& z`'` %`	
b`1`	%SS	%SS	%SS	%SS	%SS	%SS
7cbfUM]cbYgXYgXY`U`WbX]W]CB`j`YfXY`U`gYW`U`\cfbc`"						
9ghUXigh]W	€f"fl` L	€h"fl` L	€"fl`fl` L	€j"fl` L	HF	
L`1`	' z` , (	* z`d` S`	Sz` - ,`	%S z` &&	%z` ,`'`	
8"G"1`	%z` ++`	%z`S,`)`	Sz`z`'`	&z`z`%`	Sz`z`)`	
7"J"fl` E1`	& z` z` , *`	&+z`) *`	& z` z` - -`	& z`z`S,` ,`	& z`z`%`	
b`1`	%SS	%SS	%SS	%SS	%SS	%SS

7i UXfc' "Dfcd|YXUXYg'a YWzb|WUg'dUfU`U'YgdYWY'ZcfYghU`9f|ch\ YWU/`cVcgU'fbi V'YfL5"F cVnbg"

7cbX|WU'c'XY\i a YXUX'j YfXY'												
Dfcd|YXUX	: 'Y|]C			7ca dfYg|C' dUfUYU			7ca dfYg|C' dYfdYbX|W'Uf		8i fYnU		7|nU`Ua |Yb|c	HbU|XUX
9ghUX|ghW	9"@D' fl| #A' %L	A "C" F" fl| #A' %L	A "C" 9" fl| #A' %L	9"@D' fl| #A' %L	A "F" fl| #A' %L	A "C" 9" fl| #A' %L	9"@D' fl| #A' %L	@ fl|L	9 fl|L	7n fl| #A' %L	H fl|!a L	
L1	() ž(	++, ž*	%S, % ž+	SS&ž +	& *ž'	%+* &+ž)	+%ž S	), (žS'	((ž %	+ž)	%ž S
8"G1	%ž ž +	%ž - ž'	&+ - ž*	* ž-S	* Sž)	*((ž%žS	% ž)	%(' ž,	- , ž-&	%*ž*	Sž (
7"J 1	&+ž &	&Sž +	ž ž +	' %ž S	&Sž +	' *ž &	&+ž *	&(ž *	% ž%	& ž'	&- ž'	
b1	- \$	- \$	- \$	%SS	%SS	%SS	%SS	%SS	%SS	%SS	%SS	

7cbX|WU'c'XY\i a YXUX'gYWU`U'fYfU'1 ghLXc U`%&i` XY'Wbhb|Xc XY\i a YXUX'												
Dfcd|YXUX	: 'Y|]C			7ca dfYg|C' dUfUYU			7ca dfYg|C' dYfdYbX|W'Uf		8i fYnU		7|nU`Ua |Yb|c	HbU|XUX
9ghUX|ghW	9"@D' fl| #A' %L	A "C" F" fl| #A' %L	A "C" 9" fl| #A' %L	9"@D' fl| #A' %L	A "F" fl| #A' %L	A "C" 9" fl| #A' %L	9"@D' fl| #A' %L	@ fl|L	9 fl|L	7n fl| #A' %L	H fl|!a L	
L1	++%ž -	%S(%žS%	' +*) %ž&	' S- ž*	((' ž (	' , , , + ' '	, ) ž&	, , %ž-S	%S&+žS	+Sž'	%ž&
8"G1	&Sž %	&+) žS	%S'žž ž%	+ - ž%	%S+ž&	%ž%ž&ž*	&Sžž)	& (ž*	' * (ž'	&SžS'	Sž (
7"J 1	& ž%	&*ž &	&+ž%	ž ž &S	& ž+	' %ž&	& ž'	&ž&	ž ž *	& ž %	' Sž %	
b1	%SS	%SS	%SS	%SS	%SS	%SS	%SS	%SS	%SS	%SS	%SS	

=m|W|H| cf|U'VU'fl žS'i`@%Sž &&i`@%žS'i L'U' fYU|C' H#` XYgXY`U`WbX|WU'c'XY\i a YXUX'j YfXY`U` gYW`U`U'fY`dYfYbYW`U`U`WUgY`=m|W|H| cf|U'VU'fl ž' ' `O`žS'L dUfU`Y`WUg`XY`U`fYU|C' H#` XYgXY`U` WbX|WU'c'XY\i a YXUX'j YfXY`U` gYW`U` \cfbc` dYfYbYW`U`U`WUgY`=m|W|H| cf|U'VU'fl ž, ' `O`ž+L` 8YUWYfXc`U`cg`fYg`i`HUXcg`cVhYb|Xcg`Yb`U`fYU|C' H#` XYgXY`U` WbX|WU'c'XY\i a YXUX'j YfXY`U` gYW`U`U'fY`gY`di`dY`Y`|bZf|f`ei`Y`Yg`i`bU`YgdYWY`XY`i`bU` YghU`|XUX`X|a`Yb|c|bU`XY`a`cXYfUXU`U`U`H`Yg`XYM`Wb`a`i`m|c`W`d`f`c`V`U`|XUX`Yg`XY`dY`Yg`Yb|U`f`XYZM`c`g` Xi`f`U`b`h`Y`Y`g`Y`W`X`c`

DUFU`Y`WUg`XY`Ug`dfcd|YXUXYg`a`YWzb|WUg`Ygh`X|UXUgž`H|b`gc`c`gY`UbU`nUfcb`Ug`a`|ga`Ug`Yb`U`WbX|WU'c'XY\i a YXUX'gYW`U`U'fY`U'1`ghLXUg`U`%&i`1`cg`j`U`cf`Yg`dfca`YX|cg`cVhYb|Xcg`dUfU`U`fYg|ghYbWU`U`U`ZY|]C`W`Z|Wb`U`a`UXfU`Yb`Y`Ygž`Yfnc`U`'ja`|hY`dfcdcf|V|cbU`Xybf`c`XY`U`WUgY`=m`i`Yb`U`W|H|cf|U`a`YX|U`ff`*,`_`|`#`&`@`%`S`-`S`_`|`#`&`ž`dUfU`Y`'a`Cxi`c`XY`fi`dhi`fUž`gY`W`|Z|W`Xybf`c`XY`U`WUgY`=ž`W|H|cf|U`VU`fl`ž`%`_`|`#`&`@`%`S`(%žS%`_`|`#`&`@`%`S`*`_`|`#`&`ž`midUfU`Y`'a`Cxi`c`XY`YUgh|V|XUXž`gY`i`V|W`Xybf`c`XY`U`WUgY`=ž`W|H|cf|U`a`i`m|VU`fl`+`*)`%ž&`_`|`#`&`@`%`S`("SS`_`|`#`&`ž`8YUWYfXc`U`cg`fYg`i`HUXcg`cVhYb|Xcg`gY`|bZ|YfY`ei`Y`U`YgdYWY`Yb`i`gcg`Ygh`fi`V|f`U`Yg`W`a`c`j`|`Ug`XcbXY`gY`f`Yei`|YfY`XY`i`b`a`Cxi`c`XY`YUgh|V|XUX`

gi`dYf|cf`c`|i`U`U`%SS`SSSžS`_`|`#`&`A`cfU`m5`ff`cnc`ff`*,`Ež`bc`di`YXY`gYf`i`h`|nUXU`@`U`f`Yg|ghYbWU`U`U`W`a`dfYg|C'`dUfU`Y`U`U`|`f`Ubc`Y`Ygž`Yfnc`U`'ja`|hY`dfcdcf|V|cbU`ž`gY`WUg|Z|W`Xybf`c`XY`U`WUgY`=m`i`U`W|H|cf|U'VU'fl`S`_`|`#`&`@`%`S`-`ž`*`_`|`#`&`@`%`S`_`|`#`W`ž`U`a`z|`|a`U`f`Yg|ghYbWU`dcf`g`i`dUfYhž`W|bW|X`Y`Wb`U`WUgY`m`W|H|cf|U`U`b|H|f|cfž`dYf`c`Y`f`U`b|c`Ygh`U`W`a`dfYbX|Xc`Yb|f`Y`f`S`S`_`|`#`&`@`%`S`((`ž`(`_`|`#`&`@`%`S`*)`_`|`#`&`ž`Y`'a`Cxi`c`XY`YUgh|V|XUXž`Ygh`U`Yb`U`WUg|Z|W`Xc`XY`WUgY`=ž`W|H|cf|U`a`i`m|VU`fl`",`",`+ž`'`_`|`#`&`@`%`S`-`S`SSS`_`|`#`&`ž`9b`ž`b`W|C'`U`cg`fYg`i`HUXcg`gY`|bZ|YfY`ei`Y`U`YgdYWY`di`YXY`gYf`i`h`|nUXU`W`a`c`W`i`a`bU`Yb`Uei`Y`cg`WUg`Yb`XcbXY`U`a`z|`|a`U`f`Yg|ghYbWU`U`U`U`Wf|`U`gYU`gi`dYf|cf`c`|i`U`U`')`S`_`|`#`&`@`%`S`A`cfU`m5`ff`cnc`ff`*,`E`@`U`f`Yg|ghYbWU`U`U`W`a`dfYg|C'`dYfdYbX|W`Uf`U`U`Z|VfU`Y`Ygž`Yfnc`U`'ja`|hY`dfcdcf|V|cbU`ž`gY`WUg|Z|W`Xybf`c`XY`U`WUgY`=ž`m`i`U`W|H|cf|U`a`YX|U`ff`+`_`|`#`&`@`%`S`),`ž&`_`|`#`&`@`%`S`'`_`|`#`&`ž`DUFUY`WUg`XY`gYf`i`h`|nUXU`W`a`c`Xi`fa`|Yb|H`bc`WUg|Z|W`nU`ei`Y`Y`j`U`cf`a`|b|a`c`f`Yei`Yf|Xc`dUfU`Wb|gh`fi`W|C'`Yg`XY`%SSžS`_`|`#`&`@`%`S`A`cfU`m5`ff`cnc`ff`*,`E`F`Yg|ghYbWU`U`U`X`i`f`YnU`U`X`i`f`YnU`Yb`cg`U`Xcg`YghU`Xybf`c`XY`U`WUgY`=j`m`W|H|cf|U`a`YX|U`fl`S`_`|`@`%`S`-`S`_`|`@`%`S`-`S`_`|`E`9b`ž`b`W|C'`U`cg`fYg`i`HUXcg`dc`X`Y`a`cg`|bZ|f|f`ei`Y`U`YgdYWY`bc`di`YXY`

7|YbWUg': cfYghU'Yg' mi5a V|YbHU'YgZz' Yb' X|Z bX|f' mi
dfca cV|cbUf' Ug'YgdYVWg'UbhY'Y' Wbgi a |Xcf'XY'gi g'
VcbXUXYg'mUdh|hi XYg'hYWc'CE|WUgZ'Wa c'Yg'Y'Wgc'
XY'c'Yl di Ygr'Yb'YghU'|bj Ygh| UM|CB"

F 97CA 9B857=CB9G

GY' fYWa |YbXU' gY|i |f' |bj Ygh| UbXc' gcVfY' YghU'
YgdYVWz' Y' gc'c' \YWc' XY' WbcWf' Ug' dfcd|YXUXYg'
Zig|W'la YWb|WUgZ' bc' g| |b|Z|W' ei Y' U' YgdYVW'
YghY' hYWc'CE|W'la YbhY' hchU'a YbhY' WbcVXU'" GY'
fYWa |YbXU' fYU|nUf' `cg' g| |i |YbhYg' Ygh X|cg'
9ZVmi Uf' i b' \cfUf|c' XY' gYWxc' dUFU' U' YgdYVWz'
XY' YghU' a UbYfU' gY' YghUfz' UdcfHUbXc' a Uurf' j Ucf'
U| fY| Uxc' mW|XUXXY' U'a UXYFU'U' i h' |nUfzUg' Wa c'
HLa V|fb' gY'dYfa |hYX|ga |bi |f' `cg'XYZWc'gdcf' gYWxc'
mhYbg|cbYg'UMfi dHlzYgh X|cg'XY'Wa dcfHLa |Ybrc' XY'
U' a UXYFU' Yb' i ggc' Wa c' HU'Yfcg' WbhfUWUdUXcg'
mi U| `ca YfUXcgz' XYhYfa |bUM|CB' mi WfUMYf|nUM|CB'
XY' Yl hfUM|j cg' bUhi fUYg' F YU|nUf' Ygh X|cg' Wb'
a Uurf' bi a Yfc' XY' Xi d' |WXCg' U' WfUMYf|nUM|CB'
XY' Wa dcbYbhYg' Yghfi Vm fUYg' mbc' Yghfi Vm fUYg'
9j U' i UM|CB' XY' `cg' YZVmcg' XY' `Ug' WfUMYf|gh|Wg'
UbUcE |WUgYb' `cg'Ybg'Ucga YWb|WUg' GYfYWa |YbXU'
fYU|nUf' Wa dU' Ug'UZb'XY|bWbh|j Uf' U' Ug'Ya dfYgUg'
XY' fUa c' Wa c' U' Ug' |bgh|hi V|cbYg'XcbXY'gY|a dUf'hYb'
Y' XYgUfc' `c' Y' |bj Ygh| UM|CB' Yb' Y' zfYU' hYWc' CE|W'
XY' U'a UXYFUz' U' fYU|nUf' |bj Ygh| UM|cbYg' Ud' |WUgZ'
`Ug' WU'Yg' gYfzb' XY' a i Wc' dfcj YWc' dUFU' Y' Z' hi fc'
|ba YX|Urc' XY' gYMc' ZcfYghU' bUM|cbU"

F 9: 9F9B7=5G'6=6@=C; F a: =75G

5F=GH=; I 9H5z @' %- +' "' : Ua |]Ug' mi; fbYfcg' XY' @cg'
ãfVc' Yg' XY' J YbYni YU' =bgh|hi hc' 6clzb|W'" A |b|ghYf|c'
XY' 5|f|W' hi fU' m 7f|Z 8|fYV|CB' XY' @cg' F YWf' ggc'
B Uhi fUYg' F Ybcj UY' Yg' 7UFUMg' J YbYni YU'
75A 5F5' B 57=CB 5@' : CF9GH5@' %- - *' I h' |nUM|CB'
=bXi gh|U' XY' Bi Yj Ug' 9gdYVWg' : cfYghU' Yg' Yb' Y'
DYf' " 7za UfU' B UM|cbU' : cfYghU' " 8|fYV|CB' ; YbYfU'
: cfYghU' XY' A |b|ghYf|c' XY' 5|f|W' hi fU' Cf| Ub|nUM|CB'
=bhYfbUM|cbU' XY' A UXYFUg' Hfcd|W' Yg' @|a U' DYf' "

79B H9B Cz' >' %- , (" 9l d' chU|W|CB' XY' 6cgei Yg'
Hfcd|W' Yg' =bgh|hi hc' : cfYghU' @U|bcUa Yf|Wbc"
F Yj |ghU' B , %&# (" A ff|XU' J YbYni YU'

7< I 8BC: : Z A " %- , (" Hfcd|W' H|a VYf' cZ h YK cf' X'
5|f|W' hi fY' < UbXVcc_ Bi a VYf' * S+ " A UX|gcbz
K |gWb|b" I G85: cfYghYfj |W'

8I F 5B z >' %- , + " Dfcd|YXUXYg' Zig|WUgZ' a YWb|WUgZ'
HfUVU'UV|XUXz' UWVUXcz' Xi fUV|XUX' bUhi fU' z'
dfYgYfj UW|CBz' gYWUXcz' W' |XUX' XY' Z' ghY' XY' &# +'
YgdYVWg' =bj YbHf|c' ZcfYghU' XY' U' I b|XUX' J' XY'
' U' F YgYfj U' : cfYghU' =a UHUW' I b|j Yfg|XUX' XY' @cg'
5bXYg' @UvcfUrc|c B UM|cbU' XY' DfcXi Wc'g' : cfYghU' Yg'
A ff|XU' J YbYni YU'

< C < 9=9@z < " %- * , " 9gh|di UM|cbYg' DUFU' `cg' 9bgUhg'
XY' Dfcd|YXUXYg' : ig|WUg' mi A Wb|WUg' XY' U' A UXYFU'
=bgh|hi hc' : cfYghU' @U|bcUa Yf|Wbc" A ff|XUz' J YbY'
ni YU'

@56CF5HCF=C' B 57=CB 5@' 89' DFC8I 7HCG'
: CF9GH5@9G' f@B'D' : L %- +&' 9gh X|c' HYWc' CE|W'
XY' %S(' A UXYFUg' XY' @cg' 5' hcg' @' Ubcg' C W|X|YbHU' Yg'
J YbYnc' UbU' I b|j Yfg|XUX' XY' @cg' 5bXYg' : UW' HUX'
XY' 7|YbWUg' : cfYghU' Yg' mi 5a V|YbHU' Yg' A ff|XUz'
J YbYni YU'

A CF5z >' mi 5FFCMCz >' %- * , " Dfcd|YXUXYg' Zig|W' l'
a YWb|WUg' XY' ((' a UXYFUg' XY' U' ; i UnUbU'
J YbYnc' UbU' A |b|ghYf|c' XY' 5|f|W' hi fU' m 7f|Z'
@UvcfUrc|c B UM|cbU' XY' DfcXi Wc'g' : cfYghU' Yg'
A ff|XUz' J YbYni YU'

B =B zD' %- , + " @|bYla |Ybrcg' 6z g|Wg' DUFU' U' I |nUM|CB'
XY' A UXYFUg' I b|j Yfg|XUX' XY' @cg' 5bXYg' : UW' HUX'
XY' 7|YbWUg' : cfYghU' Yg' HY|g| XY' ; fUXc' A ff|XUz'
J YbYni YU'

FC6MB Gz 5' %- * ' " 9gg|j' XY' A cbc|fUd\|WXi' ; YbY'
6ca U|g' G' = " fBca VUWVU' >UFX|b' 6chUb|ei f' XY'
vHh6fi l Y' Yg' J c' i a Yb' ' ' " : Ug' W' c' %' 6fi l Y' YgZ'
6Y| |j a "

J =9@CBz >' %- - (" 9gdYVWg' : cfYghU' Yg' 5i hYWc' bUg'
8Y' @cg' 6cgei Yg' J YbYnc' Ubcg' & 9X|W|CB' =bgh|hi hc'
: cfYghU' @U|bcUa Yf|Wbc" A ff|XUz' J YbYni YU'

J =9@5z 9' %- * - " Dfcd|YXUXYg' Zig|WUg' mia YWb|WUg'
XY' % + ' a UXYFUg' XY' U' ; i UnUbU' J YbYnc' UbU'
@UvcfUrc|c B UM|cbU' 8Y' DfcXi Wc'g' : cfYghU' Yg'