



ARTS3060

:]a`]b`h\Y`A YX]U`@JbXgWJdY

HYfa`Hk c`#`&\$&\$

7 ci fgY`Cj Yfj]Yk

GHJZZ`7 cbHJW`8YHU]`g

7cbj Ybcfg

B Ua Y	9a U]`	5j U]`UV]`]m	@cWJhcb	D\cbY
A Y`Ub]Y`F cVgcb	a "fcVgcb4 i bgk "YXi "Ui	K YXbYgXUm %%Ja !%&da	B #5	7 cbHJW`Vm Ya U]`

GW`cc``7 cbHJW`bZcfa Uh]cb

GW`cc``cZH`Y`5frg`UbX`A`YX]U

F cca `` %&ž@Y] Y`` žF cVYfhK YVghYf`6i]X]b[`f] %(` Ł

D\cbY.`f\$&Ł`-` ,) `(,) *

9a U]: [gUa 4 i bgk "YXi "Ui](#)

K YVg]hY: [k.k.k "Ufng"i bgk "YXi "Ui #gUa](#)

H\Y`GW`cc``cZH`Y`5frg`UbX`A`YX]U`k`ci`X``_Y`hc`F`YgdYWZ` ``mi5W`bck`YX[`Y`h`Y`HfUX]h]cbU``7`i`ghcX]Ubgž`h`Y`6YXY[`U``f`P`Ybg]b[`hcb`WJa`di`gŁž;`UX][`U``f`7`]mUbX`5fiv`8Yg][`b`7`Ua`di`gYgŁ`UbX`h`Y`B`[`i`bbUk`U`dYcd`Y`f5i`ghfU]Ub`8YZYbVW`:`cfW`5WUXYa`m]b`7`UbVYffUŁ`cZH`Y`UbXg`k`YFY`YUWX`WJa`di`g`cZI`BGK`]g`cWJhYX"

7 ci fgY'8YHJ]g

7 fYX]hDc]bhr *'

Gi a a UfmcZhY'7 ci fgY

H\]g'Wci fgY'YI Ua]bYg'hY'g\]Z]b['d'UW'cZ]a]b'hY'a YX]U'UbXgWUdY'VmiHfUW]b['hY'k Umrg'h.UhZ]a '\Ug fYgdcBXYX'hc'UbX'UfVX]j YX']hg']bhYfUW]cbg'k]h'c'hYf'a YVXUb]W'UbX'Y'Wfcb]Wa YX]U'f]bW'X]b['fUX]cZ HJ'z'hY'h'fbhUV'Yz'hY'h'Yd\cbYz'UbX'X] []h'W'dh'fY'UbX'gmb'hYg]g'6mYI Ua]b]b['hY'\]g'fmcZa YX]U'W'cbj Yf[YbW'gZ]h'hY'fYVmd'UW'g'""bYk ""'bYk 'a YX]U']b'U'VfcUXYf'\]g'f]W'Z]Ua Yk cf_'H\Y'Wci fgY'YI Ua]bYg'\ck]bX]j]Xi U'Z]a gZ[YbYgZ'UbX'Z'fa U]cbg'cZ]W]bYa U'\Uj Y'UXXfYggYX'fYg]Xi U'zYa Yf[Yb]z'UbX'Xca]bUbha YX]U'h'fci ['\hY]f'Z'fa U'UbX'gm]gh]WY'Ya Yb]gZ'hYa U]h'W'cbW'f'gZ'UbX'YI \]V]h'cb dfUW]W'g'6m'W'ca dUf]b['X]ZYfYbhZ'fa g'cZa cj]b['ja U[Y'a YX]U'z'hY'Wci fgY'U'gc'YI d'cfYg'\ck 'dfUW]W'g'cZUfVX]j]b['a YX]U'hY'hg'UbX'h'VX'bc'c[]Yg'h'fci ['\j'Uf]ci g'g'fU[Y'a YX]U'g'UdY'i bXYfghUbX]b[g'cZ]a Y'UbX'\]g'f]W'VXUb[Y"

H\Y'Wci fgY']g'ghfi W'i fYX'Ufci bX'h'fY'Y'Y'mh'cd]Wg.

f%&'\]g'fmcZ'Z'fa g'cZa YX]U'W'cbj Yf[YbW'z' f&L'fYg]Xi U'UbX'cVgc'Y'h' 'a YX]U'z' fl'z'a YX]U'h]a Yg'UbX'\]g'f]c[fUd'nm'

7 ci fgY '@YUfb]b['Ci hW'ca Yg

%<]g'f]W'm'W'bhYI h U']gY'U'fUb[Y'cZa YX]U'Z'fa g'UbX'h'VX'bc'c[]Yg &' F YW' [b]gY'hY'\]g'f]W'Z'fa U]h'cb'cZ'mci f'cV'YW'g'cZ'gh' Xm ' " I bXYfghUbX'gca Y'cZ'hY'dc]b]g'cZ]bhYfgYW]cb'VY'h'YYb'XYVUH'g]j]b':]a 'H\Ycfnz'A YX]U'H\Ycfnz' UbX'7'f]h'W' 'H\Ycfm (" 8Yj Y'cd'U'W]h'W'Uf[i a Ybh]b'fY'U]h'cb'hc'XYVUH'g'YI d'cfYX']b'hY'Wci fgY)" 7cbXi W'iUbX'XYd'cmfYgYUfVX']b':]a 'H\Ycfm *" 7cbhYI h U']gY'mci f'ck b'W]h'W'dcg]h'cb]b'U'XYVUH'UbX'fYW' [b]gY']hg'fY'U]h'cb'hc'c'hYf'W]h'W'dcg]h'cbg'UbX'Uf[i a Yb]g + " 8Yg][b'UbX'i bXYfU_Y'U'fYgYUfVX' d'fc'YW' , " K f]h'U'WYUfz'ghfi W'i fYX'z'YggUm]bZ'fa YX'VmiXYVUH'g]j]b':]a 'H\Ycfm

HYUW]b['GhfUH[]Yg'

5ddfcUWYg'hc''YUfb]b['UbX'h'UW]b[']b'h'g'Wci fgY'UbX'h'UW]b['ghfUH[]Yg

H\]g'Wci fgY']g'hU ['\h'h'fci ['\k'YY'_m'YW'i fYgZ'g'W'Y'Y]b[gZ'UbX'h'hc'f]U'g'"H\Y''YW'i fYg'UfY'ghfi W'i fYX'Ufci bX'hY'hc'd]W'Z'f'h'Uhk'YY'_UbX'dcg]h'cb'hY'hc'd]W]b'fY'U]h'cb'hc'V'ch'h'Y'Z]Y'X']hgY'Z'UbX']b'fY'U]h'cb'hc' d'fYj]ci g'k cf_'W'cj YfYX']b'hY'Wci fgY'"H\Y'g'W'Y'Y]b[g'UfY'i gYX'hc'YI d'cfY'h'Uh'hc'd]W'UbX'#'c'f'hc''cc_'Uh \ck'U'Z]a'cf'Z]a' a U_Y'f'dcgYg'dUf]h'W'Uf']ggi Yg'UbX'ei Yg]h'cbg'cZ'fY'Yj UbW'"H\Y'h'hc'f]U'g'UfY' gh'XYbh'3/,%(/YX'X]gW'gg]cbg']b'k'\]W'h'Y'WUgg'k]'k cf_'h'fci ['\hY'XYVUH'g'h'Uh'UfY'VY]b[UXXfYggYX'z'fU]gY'ei Yg]h'cbg'U'Vci h'hY'a U'h'f]U'VY]b['YI d'cfYX'z'UbX'VY[]b'hc'U_Y'h'YgY'XYVUH'g']b'bYk X]fYW]cbg'"Hc'Ybgi fY'h'Uh'h'hc'f]U'g'f'i b'YZ'W]j'Y'm]Yz'h'Uh]ggi Yg'W'Ub'VY'YI d'cfYX'UbX'XYVUH'X'3/3]h]g]a d'cfU'bh'h'Uh'mci 'Xc'hY'fYUX]b[g'Z'f'h'Uhk'YY'_T'W'ad'W'Ugg'UbX'bc'h'X'ck'b'Ubmd'f'cV'Ya g'c'f'ei Yg]h'cbg'k]h'hY'a U'h'f]U'gc'h'Uh'h'Y'm'W'Ub'VY'fU]gYX']b'X]gW'gg]cb"

5g'k'Y''Ug'hY'YggYbh]U'fYUX]b['Z'f'hY'Wci fgY'z'gh'XYbh'g'lc'i 'X'U'gc'i bXYfU_Y'hY]f'ck'b']bXYdYbXYbh

fYgYUfWk Ufci bX' hcd]Wg' UbX' Z'a' 'dfUW]Wg' Wcj YfYX']b' h\Y' Wci fgY'' H\]g' fYgYUfWk' k']'' VY' dUfh]W' Ufm
j U'i UV'Y' Zc'f' h\Y' fYgYUfWk' YggUmifh\Y' 'a' U'cf'd]YWW' cZUggYgga YbE' UbX' k']'' U'gc' YbUV'Y' ghi XYbth' h' Vf]b[
c h\Y' f' ei Ygh]cbg' UbX' WcbW' fbg']b' h' X]gW' gg]cb']b' gYa']b' Ufg'' H\Y' h' UfWk']b['ghfUHY' []Yg' i' gYX']b' h']g' Wci fgY
UfY' U]a' YX' Uha' YYh]b[' h\Y' Wci fgY' U]a' g' UbX' ci h' Wca' Yg'' @YW] fYg' d' f' c' j']XY']b' Zc' fa' U]cbz' Wcbh\I' h' UbX
X]gW' gg]cb' UVci' h' XYVUH' g' UbX' WcbW' d' th' h' U' h' UfY' VY']b[' UXXfYggYX' /gYa']b' Ufg' UfY' c' f']Yb' h' X' h' c' k' UfXg
XYj' Y' cd]b[' mci' f' UbU' m]W']' g']' g' UbX' UV']']' m' h' c' XYj' Y' cd' Ub' Uf[i' a' Yb' h' Vi' h' h' Y' m' UfY' U' gc' U]a' YX' U' h
XYj' Y' cd]b[' ghi' XYb' th' f' g']']' g']' b[' f' ci' d' XYVUH' UbX' W']' h' W']' X]gW' gg]cb' " ' 3/4 , % (WUgg' YI' YfW]g' Yg' UfY' U]a' YX
UhXYj' Y' cd]b[' g']' g']' b' Z'a' ' UbU' mg]g' UbX' W']' h' W']' fYUX']b[" ' H\Y' m' U]a' ' h' c' Ugg]gh' ghi' XYb' th' f' U]V']']' m' h' c' Udd' m
WcbW' d' th' h' c' bYk' ' a' U' h' f']' U' UbX']a' d' f' c' j' Y' mci' f' i' bXYf' g' h' UbX']b[' c' Z' h' Y' c' f' Y' h' W']' WcbW' d' th' h' c' UbX' h' Y' fa' g' ' H\Y' ' a']']' c' Z
' YW] fYg' z' gYa']b' Ufg' z' gW' Y' Yb']b[g' UbX']b' XYd' Yb' XYbh' Y' Ufb']b[' YbUV'Y' ghi' XYb' th' h' c' W']' h' W']' m' YI' d' c' f' Y' UbX' XYVUH
WcbW' d' th' h' c' Ug' k' Y']']' g' VY' []b' h' c' Udd' m' h' Y' a' ' h' c' h\Y']' f' c' k' b' UfY' Ug' c' Z']b' h' Y' f' gh'

5ggYgga Ybh

h\Y'gci fW'hmdYg']ghYX'i bXYf'h\Y'7 \]WJ[c'fUVE"

: cfa UH]b['W]hU]cbg']b'h\Y'V]V']c[fUd\m

H\Y'Zcfa UhcZ]W]hU]cbg']b'h\Y'V]V']c[fUd\m]g'g]a]'Uf'hc'hUhi gYX']b'h\Y'Z' "'ZcfcchY'W]hU]cb'" <ck Yj YfZ'h\Y'Z'ck]b['X]ZYfYbW'g'UfY']a dcfUbh'

- F YZfYbW'g'a i ghVY']ghYX'U'd\UVYh]W'm'
- F YZfYbW'g']b'h\Y'fYZfYbW'#/]V']c[fUd\m']ghg\ci 'X'VY']bXYbhYX'cb'h\Y'gYWcbX']bY'f]b'W]gYg k \YfY'fYZfYbW']g'fk c'cf'a cfY']bYgk"
- H\Y' bUa Y'cZ'h\Y'Z]fghUi h'cf']g']bj YfhXZ'gc'hUhih\Y'gi fbUa Y'cf'ZJa]'mbUa Y'UddYUfg'Z]fgh'
- H\Y'Y'Ya Yb]gZ'cf'gYW]cbgZ'cZ'h\Y'W]hU]cb'UfY'gYdUfUHYX'VmZ' "'g]cdgZ'bchW'a a Ug"
- Di V']g\]b['XYhU]]g'Zc'Vcc_g'UfY' bchYbWcgYX']b'VfUW_Y]g"

Di bWi U]cb.

- Gi VgW]dhbi a VYfg'UfY'U'k Umg'd'UW'X'UZ'Yf'di bWi U]cb'fY["'Z' "'g]cdgZ'VfUW_Y]g'UbX'W'a a Ugk"
- : ccfbchYg'UbX'fYZfYbW'g'g\ci 'X'U'k Umg'YbX'k]h'U'Z' "'g]cd'fYI W]dh]b'h\Y'W]gY'cZk \YfY'U'I F @ cf'8C =UfY']bgYfhYXk"

dUfU[fUd\`

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

H\]b_]b[`h\fc [\ `h\Y`]ggi Yg`fU]gYX`]b`YW`i fYgž`gWYYb]b[gž`UbX`gYa`]bUfg`cj Yf`h\Y`Z]fgh`h`fYY`k YY`_g`cZ`h\Y`
W`ci fgY`Z`k f]h`U`g`l`cfz`, \$!`k`c`f`X`c`b[`UbU`mg]g`c`Z`l`c`k `Ubmi`Z`a` `m`ci `W`k`c`c`g`Y`Y`b[U[Yg`k`]h`h\Y`g`ci`b`X`a`Y`X]U`
U`f`ci`b`X`]h`

Hi fb]h]b`gYH]b[. H\]g`Ugg][ba Ybh]g`gi Va`]h`X`h`f`ci [\ `Hi fb]h]b`UbX`g`h`XYbh]g`X`c`b`ch`g`Y`Y`Hi fb]h]b`
g]a`]U`f]m`i`f`Y`d`c`f`r`g`"

5ggYgga Ybh`&.`G`l`c`f`h`7`c`U`V`c`f`U`h]j`Y`F`Y`g`Y`U`f`W`k`9`I`Y`f`W]g`Y`

GhUfhXUH`Y` . B`c`h`5`d`d`]W`U`V`Y`

@Yb[h.`%)`!`&`\$`a`]b`i`h`g`Z`%)`\$`k`c`f`X`g`

8YHJ]`g.

%)`!`&`\$`a`]b`i`h`Y`W`c`U`V`c`f`U`h]j`Y`d`c`X`W`U`g`h`i`f`Y`W`c`f`X]b[`d`i`g`%)`\$`!`k`c`f`X`]b`X]j`]X`i`U`f`Y`Z`Y`W]c`b`g`":`Y`Y`X`V`U`W`_`G`l`c`f`h`
k`f]h`Y`b`U`b`X`#`c`f`j`Y`f`V`U`W`c`a`a`Y`b`h`g`ž`d`i`g`b`i`a`Y`f]W`U`[`f`U`X`Y`"``

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

h`[`f`ci`d`g`c`Z`&`!`ž`m`ci`k`]`W`Y`U`H`Y`U`d`c`X`W`U`g`h`Y`i`d`c`f]b[`h`Y`h`c`d]W`ž`h`Y`Z]a` `UbX`h`Y`f`Y`U`X]b[`g`g`Y`h`Z`c`f`c`b`Y`c`Z`h`Y`
W`ci`f`g`Y`g`k`Y`Y`_`g`c`Z`m`ci`f`W`k`c`c`g]b[`f`h`c`V`Y`c`f[`Ub]g`Y`X`K`Y`Y`_`%`&`"H`Y`d`c`X`W`U`g`h`a`i`g`h`V`Y`V`Y`h`Y`Y`b`%)`!`&`\$`
a`]b`i`h`Y`g`"C`b`m`c`b`Y`a`Ya`V`Y`f`c`Z`h`Y`[`f`ci`d`b`Y`Y`X`g`h`c`i`d`c`U`X`h`Y`d`c`X`W`U`g`h`U`i`X]c`Z]Y`"9`U`W`a`Ya`V`Y`f`c`Z`h`Y`
[`f`ci`d`b`Y`Y`X`g`h`c`U`g`c`i`d`c`U`X`U`%)`\$`!`k`c`f`X`f`Y`Z`Y`W]c`b`ž`]b`W`i`X]b[`U`X`Y`g`W]d]h]c`b`c`Z`k`U`h`m`ci`]b`X]j`]X`i`U`m`
W`c`b`h]f]V`i`h`X`U`b`X`f`Y`Z`Y`f`Y`b`W]g`"

Hi fb]h]b`gYH]b[. H\]g`]g`b`c`h`U`Hi fb]h]b`Ugg][ba Ybh`

5ggYgga Ybh` . `@`c`b[Y`f`F`Y`g`Y`U`f`W`k`9`I`Y`f`W]g`Y`

GhUfhXUH`Y` .`

@Yb[h.`&)`\$\$`k`c`f`X`g`

8YHJ]`g.

&)`\$`\$`k`c`f`X`g`":`Y`Y`X`V`U`W`_`;`f`U`X]b[`g`l`Y`Y`h]b`X]W]h]b[`d`Y`f`Z`c`f`a`U`b`W`U`[`U]b`g`h`W]h]f]U`U`b`X`g`i`a`a`U`h]j`Y`Y`j`U`i`U`h]j`Y`
dUfU[fUd\`"``

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

H\]g'ig'U'fYgYUfVX'YggUmž'k\]WX'a YUbg'mci' bYYX'hc'Xc:k cf_gci fW]b['fY'Yj UbhUfh]WYg'UbX'Vcc_gž
fYUX]b['h\Ya 'WUfYZ `mž'UbX'W]h]b['h\Ya 'Uddfcdf]UHY'm]b'mci f'YggUm' H\Y'YggUmig\ci 'X'Ubgk Yf'cbY'cZh\Y
ei Ygh]cbg'k]h'Ug'a i V\cf][]bU']mUbX'dYfgd]WUW]mUg'dcgg]V'YžVi hUVcj Y'U''XYa cbgfUHY'hUhmc' UfY
Uk UfY'cZh\Y'a U'cf'XYVUHg']b'h\Y'Z]Y'Xž'UbX'UfY'UV'Y'hc'dcg]h]cb'mci f'Uf[i a Ybh]b'fY'U]cb'hc'h'cgY''#
[YbYfUž'(!) 'gYW'cbXUfmV'ci fW]g'g\ci 'X'VY'i gYX']b'Ub'Ugg][ba Ybh'cZh\]g'Yb[h''ž'mci 'UfY'i bW]fU]b
UVci h\h\Y'fYgYUfVX'WYX]V']]m'cZU'dUfh]W'Uf'd]YVW'cZgW'c'Uf'mik cf_žVY'gi fY'UbX'Ug_'mci f'hi'hc'f"

Hi fb]h]b'gYh]b[. 'H\]g'Ugg][ba Ybh]g'gi Va]h\X'h'fci [\ 'Hi fb]h]b'UbX'gh XYbh]Xc'bchgYY'Hi fb]h]b
g]a]Uf]mifYdcftrg"

5 hYbXUbW F Yei]fYa Ybhg

Gh XYbhg UfY gfhcb[mYbWci fU[YX'hc UHh'bx'U''WUggYg UbX'fYj]Yk ''YWhi fY'fYWcfX]b[g"

7 ci fgY'GWXYXi `Y

[J \]Yk WUgg'hja YhUVY](#)

H]a YhUV`Y`

8 UhY	HmdY	7 cbhYbh
K YY_% '%>i bY!) `>i bY	@YWhi fY	<p>DUfh%`bhfCxi Wfcfm`YWhi fY. 'K \Uh]g'U'a YX]i a 3 K \Uh]g'Ub'UfhZcfa 3'g'Z'a 'ifi `miUb'UfhZcfa 3'K \Uh]g'h'Y'fY'Uh]cbg\]d'VYtk YYb'Z'a 'UbX'&\$h'Wbri fm a YX]U3`</p> <p>DUfh&:]'a 'UbX'F UX]c. 'k]fY'Ygg'h'Wbc`c[mcb'hAY V]['gWYYb" H\]g'k YY_`k Y'k cbXYf'UVci h'hY'a Ucf f]j U`a YX]i a 'hc'Z'a 'VYZcfY'K K =fUX]c"K \UhX]X'h a YUb'Zcf'Yj Yfm\ca Y'hc'\Uj Y'U`][\hgdYYX\cc_!i d hc'bYk 'bUh]cbU`bYtk cf_g'cZWca a i b]WUh]cb'UbX UXj Yfh]g]b[3'<ck 'X]X'Z'a 'fYgdcbX'hc'h]g'h'fYUfB Bck 'h'Y'X]gYa VcX]YX'j c]W'k Ug`]h'fU`m Yj Yfmk \YfY. 'cb'Yj YfmWcfbYfZ]b'Yj YfmidUfci fz]b Yj YfmcZ]W" 7]bYa Uzgh`Z] YX'm'cWUHYX]b'Uf[Y h'YUfYg'UbX'g\ck]b['Z'a g'dfcXi WXX'a cbh'g'cf mYUfg'YUf]Yfz'Wci 'X'bchWca dYh'k]h'gi WX]bgfU Yj Yfmk \Yff 'a Ucf</p>

<p>>i bY</p>		<p>VY[Ub Ug U'fj]Ybhfia YX]i a žk \]WX'a YUbg'hUh a i g]Wk Ug'dUmYX''j] Y fUhYf'hUb'ja df]bYX'cb'hY Z'a gfr]d''6i h]b'hY''UH'-%- &\$gžUb'Ui X]c'fUW_k Ug UXXYX'hc'hY'YX[Y'cZ'hY'Z'a gfr]d'hc'U'ck'žc f gmbW'fcbci g'gci bX'fydfcXi W]cb'žc f'hY'a cj]b[]a U[Y''6i h]b' [U]b]b['U]j c]WžZ'a 'Ugc'ffcc_'U'\]f]b hYfa g'cZ'hY'g'ck]b['Xck b'cZ]W]bYa Uhc[fUd\]W YI dfYgg]cb'hc'U'ck'žc f'X]U'c[i Y''G]bW'hUhXUHž Z'a 'Ug'VYYb'\Ui bhYX'Vm]hg'ck b'gci bXhfUW_UbX h'Y'j Yfm]XYU'cZgci bX'fYW'fX]b['UbX'fydfcXi W]cb" K]h'hY'fY'YUgY'cZY'Ygfca U[bYh]W]UdY'a UW]bYg UZYf'K K =ž'hUhX'YVh'hc'fYW'fX'YX'gci bX'VYW]a Y cV'YW]j Y'mW'ffY'UH'X'k]h'U'f]j U'a YX]i a '' :]a f]j dfYcW]W dU]h]cb'k]h'Ui X]c'hUdY'jg'U'hc d]WU''hc'j]hgY'Z'</p>
	GWYYb]b[4 Wd'Wd[S' E ag' V E fgV[a fGf]W_UbXžI ? ž&\$%&Ł
	GYa]bUf	8]gW gg]cb'cZ4 Wd'Wd[S' E ag' V E fgV[a UbX'WUgg fYUX]b[g"
<p>K YY_(.'&&'>i bY!'&* >i bY</p>	@YWi fY	<p>:]a 'UbX'd\c]c[fUd\m']bXYI]W]j]mž'fydfcXi W]cbž a c]h]cb''5g'k Y'U''_bck žZ'a 'jg'd\c]c[fUd\m]&('I dYf'gYW'cbX''H\Y'd\c]c[fUa g'hUha U_Y'i d'hY Z'a gfr]d'W'cbg]U]bhim'fYZ'f'hY'a YX]i a 'hc'j]hg d\c]c[fUd\]WVUgY/UbX'Z'a g'_bck 'h]g'j Yfmk Y'' <ck 'Xc'Z'a g'U'ck' i g'hc'f]jYf'hY'd\c]c[fUa g'hUh a U_Y'hYa 'i d3'K \mik ci 'X'hYmk Ubh'hc'Xc'h]g3 K \Uh]g'hY'fY'Uh]cbg\]d'VY'hk Y'Yb'd\c]c[fUd\mUbX h'Y'k c'fX3'K \UhX]Z'fYbW'XcYg']ha U_Y'k \Yb d\c]c[fUd\g'f]a cj Yf]B'K \Uh\Ug'W]Ub[Yg]g]bW'hY X]j]h'U'f]j c'i h]cb3</p>
	GWYYb]b[4 'ai ŽGb f5b]cb]cb]žI ? ž%- **Ł
	GYa]bUf	8]gW gg]cb'cZ4 'ai ŽGb UbX'WUgg fYUX]b[g"
<p>K YY_) .'&- '>i bY!' '>i 'm</p>	@YWi fY	<p>:]a 'UbX'h'Y'j]g]cb#]X'Yc.'a UbU[]b['hY'h'fYUh' H\YfY'jg']h'Y'ei Yg]h]cb'hUh'hY'a U'c'f'h'fYUh'hc'Z'a f]j \Y[Ya cbm]b'hY'hk Yb]h]Y'h'W'bh'fmW]a Y'Z'ca 'hY gc!W'YX'f'ccV'h'VYž'hY'f]j'ei UfY!Ym'X'a cbg]h'f'f'i hUhgei U'h'X']b'Yj Yfm'VcX'm]f]j]b['fcca g'UbX V'fcUXW]ghk \Uh'f'cVYf'hi < i [\Yg'W'YX'U'f]b]U[UfU'cZ j]gi U' [UVV'Yf'-'hY'Xca Yg]h]W'h'Y'j]g]cb'gYh'':]fgh]b V'UW]UbX!k \]h'ž'hYb']b'W'c'i fž'HJ' 'a YbUW'X W]bYa U']_Y'bc'h]b['VYž'fYž'g]bW']h'hc gmbW'fcb]nYX'ja U[Y'UbX'gci bXž'Vi hk Ug'UV'Y'hc'Xc gc'žc'f'f]j Yf'V'fcUXW]ghY'j Yb]h]g''<ck 'X]X'Z'a g'Uh'Y'a dh hc'gY'Y'cZ'hY'a cbg]h'f'3'</p>
	GWYYb]b[E [Y[i [fZWD S[fBcbYbžI G5ž%-) &Ł
	GYa]bUf	8]gW gg]cb'cZE [Y[i [fZWD S[UbX'WUgg fYUX]b[g"
<p>K YY_*. '* '>i 'm! %\$ '>i 'm</p>	GWYYb]b[H[VVáVd_ Wf7 fcbYbVYf[ž7 UbUXUž%- , ' Ł
	GYa]bUf	8]gW gg]cb'cZH[VVáVd_ WUbX'WUgg fYUX]b[g"
	@YWi fY	<p>:]a 'UbX'j]X'Yc.'&'hY'-%, \$gž'U'bYk 'h'fYUh Ya Yf[YX''j]X'Yc''H\Y'j < G''6Ym'cbX'hY'dfcV'Ya g</p>

		WLi gYX`VmH`Y`j`Y`H`Y`j`j`g]cb`VfcUXWUgH`h`Y`UV`]m hc`hUdY`-`hc`fYk`]bXž`ZUghZc`fk`UfXž`dUi`gY`-`Z`fH`Yf` fYj`c`i`h]cb]gYX`h`Y`a`YX]U`UbXgWUdY`"A`cj`Yg`W`i`X` VY`k`U`h`W`Y`X`U`h`U`b`m`h`a`Y`ž`U`h`U`b`m`d`U`W`"H`Y`Y`j`j`g]cb` bY`h`k`c`f`_`g`W`i`X`bc`cb[`Y`f`Y`b`g`i`f`Y`"j`Y`b`Y`g`g`c`Z`h`Y`f` VfcUXWUgH`"H`Y`fc`Y`c`Z`W`b`Y`a`U`k`U`g`Z`f`H`Y`f` h`f`Y`U`h`b`Y`X`U`b`X`X`]a`]b]g`Y`X`"<`ck`X`X`Z`]a`g`f`Y`g`d`c`b`X`3`
K`YY`_`+`.`%`>`i`m!`%`+`>`i`m`F`Y`U`X`]b[H`Y`f`Y`U`f`Y`bc`W`U`g`g`Y`g`]b`k`YY`_`+`/`]h]g`U`f`Y`U`X`]b[k`YY`_`"
K`YY`_`,`.`&`\$`>`i`m!`&(`>`i`m`@`Y`W`i`f`Y`		:`]a`Ub`X`h`Y`X`]`]H`U`h`Y`X`U`k`b`c`Z`U`b`Y`k`Y`f`U`":`f`c`a` h`Y`%`-`\$`g`ž`h`]b[`g`f`Y`U`m`V`Y`]`Ub`hc`W`X`U`b`]`Y`Z`c`f`h`Y` W`b`h`f`m`c`Z`W`b`Y`a`U`Z`]a`k`U`g`bc`cb[`Y`f`h`Y`]b`Y`j`]H`U`V`Y` c`d`h]cb`Z`c`f`V`]`!`g`W`Y`Y`b`d`f`c`Y`W`]cb`c`Z`a`c`j`]b[`]a`U`]`Y`g`ž` Y`]h`Y`f`U`g`g`h`c`f`U`]`Y`c`f`f`]b`W`Y`U`g`]b[`]m`L`U`g`d`U`m`V`U`W` a`Y`X`]i`a`"6`i`h`h`Y`f`]g`Y`c`Z`X`]`]H`U`d`f`c`W`g`g`]b[`]U`X`U` cb[`]Ub`X`g`h`f`U`b`]`Y`d`f`Y`!`\\]g`h`c`f`m`ž`h`c`"7`c`a`d`i`h`f`g`\\U`j`Y` V`Y`Y`b`]b`Z`]a`g`Z`c`f`a`U`b`m`X`Y`W`X`Y`g`ž`U`b`X`b`Y`j`Y`f`j`Y`f`m` Z`j`c`f`U`V`m`5`b`X`Z`c`a`h`Y`a`c`a`Y`b`h`h`Y`m`V`Y`]`Ub`hc` f`i`f`]h`f`k`\\U`h`k`U`g`cb`h`Y`g`W`Y`Y`b`ž`W`e`a`d`i`h`f`g`V`Y`]`Ub`]b`Y`j`]H`U`V`m`h`c`]`Y`b`Y`f`U`h`]`U`b`]`Y`h`Y`g`c`Z`X`]g`d`U`W`a`Y`b`h` U`b`X`g`i`V`g`i`a`d`h]cb`"H`\\]g`Y`W`i`f`Y`cc`_`g`U`h`g`c`a`Y`c`Z`h`U`h` \\]g`h`c`f`m`ž`U`b`X`U`X`f`Y`g`g`Y`g`h`Y`V`Y`]`]b`b`]b[`]c`Z`h`Y`Y`b`X`Z`c`f` Z`]a`"
	GW`Y`Y`b`]b[F`Z`W`?`S`f`d`j`f`K`U`W`c`k`g`_]g`ž`!`G`5`ž`%`-`-`Ł`
	G`Y`a`]b`U`f`	8`]g`W`g`g`]c`b`c`Z`F`Z`W`?`S`f`d`]`Ub`X`W`U`g`g`f`Y`U`X`]b[`g`"
K`YY`_`,`.`&`+`>`i`m!`" `%>`i`m`@`Y`W`i`f`Y`		h`X`]j`X`i`U`a`Y`Y`h]b[`g`k`]h`8`f`f`c`V`g`c`b`h`c`X`]g`W`g`g` f`Y`g`Y`U`f`W`X`Y`g`g`U`m`h`c`d`]W`g`"
	GW`Y`Y`b`]b[E`[`V`W`T`k`E`[`V`W`f`P`Y`b`b`Y`U`m`ž`!`G`5`ž`&`\$`%`&`Ł`
	G`Y`a`]b`U`f`	:`]a`Ub`X`h`Y`X`]`]H`U`ž`d`h`&`8`]g`W`g`g`]c`b`c`Z`E`[`V`W`T`k` E`[`V`W`U`b`X`W`U`g`g`f`Y`U`X`]b[`g`"
K`YY`_`%`\$`."`5`i`[`i`g`h!`+` 5`i`[`i`g`h`	@`Y`W`i`f`Y`	:`U`f`Y`k`Y`"Z`]a`/`\\Y`c`W`b`Y`a`U`"h`h`g`Z`]b`U`"Y`W`i`f`Y`ž`k`Y` k`]cc`_`U`h`h`Y`W`e`b`h`Y`a`d`c`f`U`f`m`U`b`X`g`W`U`d`Y`ž`U`b`X` U`X`X`f`Y`g`g`]h`]b`h`Y`f`a`g`c`Z`U`g`m`g`h`Y`a`]W`\\m`V`f`]X`]m`i`c`Z` d`f`c`U`W`]W`g`ž`k`\\c`g`Y`i`b`X`Y`f`m`]b[`]c[`]W`]g`c`Z`U`b`]b`Y`j`]H`U`V`Y`h`f`U`b`g`]h]cb`Z`c`a`Ub`Ub`U`c[`]i`Y`h`c`U`X`]`]U` Z`f`U`a`Y`c`Z`f`Y`Z`f`Y`b`W`"K`\\U`h`X`c`Y`g`]h`a`Y`U`b`Z`c`f` d`\\c`h`c[`]f`U`d`\\m`h`c`\\U`j`Y`V`Y`Y`b`g`i`d`U`b`h`X`V`m`W`e`a`d`i`h`f`! [`Y`b`Y`f`U`h`X`]a`U`]`Y`g`3`K`\\U`h`X`c`Y`g`"[]`h`a`Y`U`b`h`c`X`U`m` B`K`\\U`h`]g`h`Y`W`b`Y`a`U`f`j`f`Y`U`h]cb`g`\\]d`h`c`h`a`Y`ž`U`Z`Y`f`h`Y` Y`b`X`c`Z`Z`]a`3`g`U`f`h`d`c`g`g`]V`Y`k`]h`c`i`h`U`b`U`b`U`c[`]i`Y` V`U`g`]g`3`K`\\c`]g`a`U`_]b[`]h`Y`b`Y`k`a`c`j`Y`g`3`
	GW`Y`Y`b`]b[4`\$`U`]`B`S`f`Z`W`d`f`f`c`c[`]Y`f`ž`!`G`5`ž`&`\$`%`Ł`
	G`Y`a`]b`U`f`	8`]g`W`g`g`]c`b`c`Z`4`\$`U`]`B`S`f`Z`W`d`U`b`X`W`U`g`g`f`Y`U`X`]b[`g`"

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

5`gYhfYUX]b[g`UfY`]bWl XYX`cb`hY`Wci fgY`A ccX`Y`g]h`"

F YWca a YbXYX`F Ygci fWg

7ci fgY`9j U`i Uh]cb`UbX`8Yj Y`cda Ybh

Gh XYbhZYXVUW`k]`VY`[UhYfYX`hfc i [\`hY`A m9l dYf]YbW`gi fj YmžUj U]`UV`Y`lc`gh XYbhg`hc`Wca d`YhY`
hck UfXg`hY`YbX`cZhfafa "5`ZYXVUW`k]`VY`Wcbg]XYfYX`UbX`hU`Yb`]bhc`UW`ci bhZcf`Z hi fY`]hYfU]cbg`cZ`
hY`Wci fgY`"C dYbž`]bZcfa U`WUbbY`g`cZYXVUW`k]`U`gc`VY`YbWci fU[YX`Xi f]b[`hY`Wci fgY`j]U`Ya U]`cf`
j YfVU`X]gW gg]cb`k]h`hY`Wcbj Ybcf`"

Gi Va]gg]cb`cZ5ggYgga YbhiHUg_g

Hi fb]h]b`Gi Va]gg]cb

≠mci`YbWci bHYf`U`dfcV`Ya`k` \Yb`UHYa` dh]b[`hc`gi`Va`]hmc`i`f`Ugg][`ba`YbhiHfci`[`\`Hi`fb]h]bzd`YUgY`
HY`Yd\cbY`9I`HYfbU`Gi`ddcfhcb`-`,`,)`````%cf`Ya`Uj`hYa`icb`YI`HYfbU`HY`hgi`ddcfh4`i`bgk`"YXi`"Ui`""`Gi`ddcfh`
\ci`fg`UfY`,`.\$\$Ua`-`-%\$.\$\$da`icb`k`YY`XUmg`UbX`-`.\$\$Ua`-`).\$\$da`icb`k`YY`YbXg`fI`*)`XUmg`U`mY`UfI`≠mci`
UfY`i`bUV`Y`hc`gi`Va`]hmc`i`f`Ugg][`ba`YbhiXi`Y`hc`U`Zi`hik`]h`Hi`fb]h]b`mci`ia`UmUdd`mZc`f`Ub`YI`HYbg]cbz`Vi`hmc`i`
a`i`ghfYhU]b`mci`f`h]W`Yhbi`a`VYf`Zca`9I`HYfbU`Gi`ddcfhU`cb[`k`]h`Ubmc`h`Yf`fY`Yj`UbhXcW`a`YbHgE`hc`
]bWi`XY`Ug`Yj`]XYbVW`hc`gi`ddcfhmc`i`f`YI`HYbg]cb`Udd`]W]h]cb`≠mci`Ya`Uj`9I`HYfbU`Gi`ddcfhmc`i`k`j`
Ui`hca`U]WU`mifYW]j`Y`U`h]W`Yhbi`a`VYfz`Vi`h]Zmci`HY`Yd\cbY`mci`k`j`bYYX`hc`gdYW]Z]WU`mUg`Zc`f`cbY`
Hi`fb]h]b`U`gc`dfcj`]XYg`i`dXUH`g`cb`h`Y]f`gmghYa`ig`hU`h`g`cb`Hk`]HYf`"

;`YbYfU`mz`UggYgga`YbhiUg_g`a`i`ghVY`gi`Va`]hYX`Y`YWfcb]WU`mj`]U`Y]h`Yf`Hi`fb]h]b`cf`U`A`ccX`Y`
Ugg][`ba`Ybhi`h`]bg]hU`bVW`g`k`\YfY`h`g`]g`bchidcgg]V`YZ`]hk`j`VY`ghUHYX`cb`mci`f`Wci`fgY`g`A`ccX`Y`g]h`k`]h`
U`HYfbU]h]`Y`gi`Va`]gg]cb`XYhU]g`"

:`cf]bZcfa`Uh]cb`cb`\ck`hc`gi`Va`]hUgg][`ba`Ybhi`cb]bY`j`]U`A`ccX`Y`.\`hdg`#gh`XYbhi`bgk`"YXi`"Ui`Ack`!
gi`Va`]hUgg][`ba`Ybhi`a`ccX`Y`"

5 WUXYa]W< cbYgmiUbX`D`U[]Uf]ga

D`U[]Uf]ga `]g`i`g]b[`h`Y`k`c`f`X`g`c`f`]X`Y`U`g`c`Z`c`h`Y`f`g`i`U`b`X`d`f`Y`g`Y`b`h]b[`h`Y`a` `U`g`m`c`i`f`c`k`b`" `#`W`U`b`h`U`_`Y`a` `U`b`m`
Z`c`f`a` g`z`Z`c`a` `X`Y`]V`Y`f`U`h`Y` `W`X`Y`U`h]b[`h`c` `U`W`W`Y`X`Y`b`h`U` `m`i`W`c`d`m]b[`Z`c`a` `U`g`c`i`f`W` `k`]h`c`i`h`U`W`_`b`c`k` `Y`X[`Y`a` `Y`b`h`

I`B`G`K` `[`f`c`i`d`g`d`U[]Uf]ga `]b`h`c` `h`Y` `Z`c` `c`k`]b[`W`U`h`Y`[`c`f`]Y`g.

- i bXYfghUbx'mci f'f][\hg'UbX'fYgdcbg]V]h]Yg'Ug'U'gh XYbhUhl BGK
- VY'Uk UfY'cZd'U[]Uf]ga ž'Wc'dmf][\hž' BGK 'Gh XYbh7cXY'cZ7cbXi W'Ubx'5Ww'dhUV'Y'I gY'cZ I BGK '⇒H'F Ygci fW'g'Dc`]Wm
- VY'Uk UfY'cZh'Y'ghUbxUfXg'cZVY\Uj]ci f'YI dYW'X'cZYj Yfmcby'jb'h'Y'I BGK 'Wc'a a i b]m
- `cWJh'gYfj]W'g'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 ""

[\hhd.##ji V'YW'i \]XYg" \]VfUfm'i bgk "YXi "Ui #' \]gY#JVci h' \]gY](#)

5 WUXYa]WbZcfa Uh]cb

: cfYggYbh]U`gh XYbh]bZcfa Uh]cb fY`Uh]b[`tc.

- fYei Ygh]ZcfYI H]bg]cb/
- `UhY`gi Va]gg]cbg`[i]XY`]bYg/
- fYj]Yk `cZa Uf_g/
- I BGK `<YU`h`UbX`GUZYmidc`]WYg/
- YI Ua]bUh]cb`dfcWYXi fYg/
- gdYW]U`Wcbg]XYfUh]cb`]b`hY`Yj Ybhcz]`bYgg`cf`a]gUXj Ybh fY/
- gh XYbhYei]mUbX`X]gUV`]m/
- UbX`chYf`YggYbh]U`UWUXYa]W]bZcfa Uh]cbz`gYY

[\ftdg.#k k k "Uftg"i bgk "YXi "Ui #W ffYbhgh XYbh\]UWUXYa \]W\]bZcfa Uh\]cb#dfchWc`g!\[i \]XY`\]bYg#](#)

⇒ U[Y`7fYX]h

E[Y[i[fZWDS[