



MDIA5100

ⓧXi ghfm ⓧhY fbg\jd

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

7ci fgY`Cj Yfj]Yk

GHJZZ7cbHJW`8YHJ]`g

7cbj Ybcfg

B Ua Y	9a Uj`	5j Uj`UVj]m	@cWJhcb	D\cbY
9a a U`5`">UbY	Ya a U"AbY4 i bgk "YXi "Ui	6mUddc]bha Ybh		

GW\cc`7cbHJW`bZcfa Uh]cb

GW\cc`cZhY`5frg`UbX`A YX]U

Fcca " %&ž@Yj Y` žF cVYfhK YVghYf`6i]X]b[`f] %Ł

D\cbY. f\$&Ł- ' ,) (,) *

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

K YVg]h: [k k k "Ufrg"i bgk "YXi "Ui #gUa](#)

H\Y`GW\cc`cZhY`5frg`UbX`A YX]U`k ci `X`_]Y`hc`F YgdYWw`m5W_bck`YX[Y`hY`HfUX]hcbU`7i ghcX]Ubgž
hY`6YXY[U`fP`Ybg]b[hcb`WJa di gŁž; UX][U`f7]mUbX`5fhi`8Yg][b`7 Ua di gYgŁ`UbX`hY`B [i bbUk U`
dYcd`Y`f5i gLfU]Ub`8YZYbVW : cfVW`5WUXYa m]b`7 UbVYffUŁcZhY`UbXg`k \YfY`YUW`WJa di g`cZI`BGK`]g
`cWJhYX"

7ci fgY'8YHJ]`g

7fYX]hDc]bHg`*`

Gi a a UfmicZ\hY'7ci fgY

H\]g`Wci fgY`cZYfYX`Vmi\hY`GW\cc`cZ\hY`5fHg`UbX`A`YX]U`dfcj`]XYg`mci`k`]h`Ub`cddcfh`b]hmi`c`
i`bXYfU`_Y`]bXi`ghfmYb[U[`YX`YUfb]b[`h`fci`[`\`]bHfBg\]d`cddcfh`b]hYg`k`]h`fY`Yj`Ubh]bXi`ghfm\cghg`
`XYU`n`z`mci`k`]`i`bXYfU`_Y`Ub`]bHfBg\]d`UzYf`mci`Uj`Y`Wca`d`YH`X`U`mYUf`cZ`Z`!`h`a`Y`gh`Xm`f`c`f`
Yei`j`U`Y`b`h`5`h`h`Y`Y`b`X`c`Z`h`Y`]b`H`f`B`g`\]d`mci`k`]`d`f`c`j`]`X`Y`U`g`i`a`a`U`h`j`Y`f`Y`d`c`f`h`c`Z`mci`f`Y`I`d`Y`f`]`Y`b`W`g`U`b`X`
k`c`f`_`Y`I`U`a`d`Y`g`W`ca`d`Y`H`X`X`i`f`]b[`h`Y`]b`H`f`B`g`\]d`"

H\Y`]b`H`f`B`g`\]d`f`Yei`]f`Yg`U`h`c`h`U`W`ca`a`]h`a`Y`b`h`c`Z`%\$!%)`\$`i`c`i`f`g`c`Z`k`c`f`_`k`]h`U`c`g`h`c`f`[`Ub]g`U`h`c`b`U`b`X`W`U`b`V`Y`
h`U`_`Y`b`]b`Z`f`g`h`z`g`Y`W`c`b`X`c`f`h`]f`X`h`Y`f`a`z`c`f`c`j`Y`f`h`Y`g`i`a`a`Y`f`d`Y`f`]c`X`"b`H`f`B`g`\]d`c`d`d`c`f`h`b]h`Y`g`U`f`Y`U`X`j`Y`f`h`g`Y`X`j`]U`
h`Y`:`5`G`G`S`K`@`S`G`5`A`b`H`f`B`g`\]d`
dU[Y`:[\hfdg.##a.ccX`Y`h`i`h`i`b`g`k`"Y`X`i`"U`i`#`W`c`i`f`g`Y`#`\]Y`k`"d`d`3`X`1`'`'\)`%\(`"5`h`f`b`U`h`j`Y`n`z`mci`a`U`m`\]b`X`Y`d`Y`b`X`Y`b`h`m`
U`d`d`f`c`U`W`X`U`f`Y`Y`j`U`b`h`c`f`\[`Ub\]g`U`h`c`b`h`c`U`d`d`m`i`z`c`f`U`b`\]b`H`f`B`g`\\]d`"D`f`\]c`f`h`c`g`Y`Y`_`\]b\[`Ub`\]b`H`f`B`g`\\]d`z`mci`a`U`m`k`\]g`
h`c`W`c`b`h`U`W`h`I`B`G`K`7`U`f`Y`Y`f`g`U`b`X`9`a`d`c`m`a`Y`b`h`!`\[\hfdg.##k`k`k`"W`U`f`Y`Y`f`g`"i`b`g`k`"Y`X`i`"U`i`#`Z`c`f`Y`d`U`g`g`Y`a`V`\\]b\\[`
mci`f`7`J`z`W`c`j`Y`f`Y`h`Y`f`z`U`b`X`c`h`Y`f`W`ca`d`c`b`Y`b`h`g`c`Z`mci`f`U`d`\\]W`U`h`c`b`"\]\(#\)](#)

:`c`f`a`c`f`Y`]b`z`c`f`a`U`h`c`b`z`j`]g`h`[\hfdg.##k`k`k`"U`f`g`"i`b`g`k`"Y`X`i`"U`i`#`g`U`a`#`g`h`X`m`i`g`#`b`H`f`B`g`\\]d`g`":`c`f`U`b`m`Y`b`e`i`\]f`\]Y`g`z`
d`Y`U`g`Y`Y`a`U`\]`h`Y`K`@`I`b\]h`U`h`:\[5`G`G`!`K`@`4`i`b`g`k`"Y`X`i`"U`i`\]\(#\)](#)

Hc`V`Y`Y`][`]V`Y`z`c`f`h`]g`Wci fgYz`mci`a`i`gh`Uj`Y`U`a`]b]a`i`a`K`5`A`c`Z`*)`"

7ci fgY`@YUfb]b[`C`i`h`Wca`Yg

%`Uj`Y`[`U]b`Y`X`Y`I`d`Y`f`]Y`b`W`c`Z`]b`X`i`g`h`f`m`d`f`c`W`g`g`Y`g`U`b`X`d`f`U`W`]W`g`
&`U`d`d`m`h`Y`c`f`Y`h`W`]W`c`b`W`d`h`g`U`b`X`d`f`U`W`]W`]g`_`]g`[`U]b`Y`X`]b`h`Y`d`f`c`[`f`U`a`h`c`f`Y`U`!`k`c`f`X`W`c`b`h`I`h`g`
'`"Uj`Y`Y`b`U`b`W`X`h`Y`f`W`U`d`U`W`]m`i`z`c`f`]b`X`Y`d`Y`b`X`Y`b`h`Y`b`[`U[`Y`a`Y`b`h`k`]h`]b`X`i`g`h`f`m`d`f`c`j`]X`Y`f`g`

HYUWX`]b[`G`h`f`U`h`Y`[`]Y`g`

5ggYgga Ybh

H\]g'gi VYWh]g'i b[fUXYX'gc'U'dUgg']g'XYdYbXYbhcb'GUh]gZUWc'fmfGMŁ'cf'I' bgUH]gZUWc'fmfI' @Ł]b'a YYh]b[
hY'Wci fgY'fYei]fYa Ybhg''5b'GM[fUXY'k]''bchUZYWimci f'k Y][\hYX'Uj YfU[Y'a Uf_'fK 5A Ł'Vi hU': @[fUXY
k]''Hc'fYW]j Y'U'GUh]gZUWc'fm[fUXY'Zc'f'h.]g'Wci fgY'ž'mci 'k]''bYYX'hc.

5ggYgga Ybh&. K cf_9j]XYbW

@Yb[h. A]b]a i a cZ&) \$k cfXg'fc'fci [\ 'Yei]j U'YbhZcf'bcbl!hI hVUgYX'gi Va]gg]cbgkVi ha Uma U_Y'i d a cfY'cZhY'%) \$\$'hc'&) \$\$'k cfXg'fYei]fYX'Zcf'Vch'Ugg][ba Ybhg]b'h.]g'Wci fgY"

8YhU]g.

Gh XYbhg'k]''dfYgYbhU'gUa d'Y'cZ'fYdcfhg'cbZcf''b_g'hc'cf][]bU'k cf_i bXYfhU_Yb#dfcXi W'X'Xi f]b['UbX Zcf'hY'di fdcgYg'cZhY']bh'fbg\jd''H\]g'a UmVY'U'lc']gh]Wk f]hYb'XcW a Ybhfy ['bYk g'g'hc'fmz'W]YbhdfcZ]Y YhW'cf'fYW'cfXg'cZfYgYUfW' i bXYfhU_Yb'hc'dfYdUfY'Zcf'U'XcW a Ybh#j Ybh#dfcW'gg]b'hY'\cg'hc'f[Ub]nUh]cbz fYdcfh]b['cb'hUg_g'i bXYfhU_YbZ'XYgW]dh]cb'cZk cf_Zck]b'fY'Uh]cb'hc'U'Uf[Yf'dfcW'ggZ'cf'g]a]'Ufz'Y']h g\ci 'X'dfcj]XY'Yj]XYbW'cZdfUW]W]k cf_i bXYfhU_Yb'Xi f]b['hY'd'UW'a Ybh'h\]g'g\ci 'X'VY'U'a]b]a i a cZ&) \$k cfXg'Vi ha Uma U_Y'i d'a cfY'cZhY'W'ca V]bYX'hc'U'cZ%) \$\$!&) \$\$'k cfXg'Zcf'Vch'UggYgga Ybh W'ca dcbYbhg"

; fUX]b['k]''VY'GUh]gZUW'cfm# bgUh]gZUW'cfmcb'mUbX'bc'Z fhYf'ZYXVUW_k]''VY'dfcj]XYX"

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

D`YUgY`k cf_`h\fc i [\`h\Y`cbVcUfX]b[`_]h`mci f`i`Z]bX`cb`A ccX`Y`VY`ZcfY`W`a a YbW]b[`mci f`]b]hYfbg\]d``C`h\Yf
\Y`dZ ``fYgci fWg`W]b`VY`Zci bX`cb`h\Y`W`i fgY`A ccX`Y`g]h`"

F YW`a a YbXYX`F Ygci fWg

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

K Y`fYgdc bX`h`c`ZYXVUW`_`fYW]j YX`j]U`X]fYWh`Ya U]`h`c`h\Y`7ci fgY`7cbj Ybcf`UbX`h\Y`K` @`I` b]h`UbX
]b`Z`c`fa Uh]cb`d`fcj]XYX`]b`h\Y`g`h`XYbhUbX`\cghZYXVUW`_`Z`c`fa`g`"

K Y`\cdY`mci`Yb`c`m`mci`f`]b]hYfbg\]d`

Gi Va]gg]cb 'cZ5ggYgga YbhiHUg_g

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

≠mci 'YbWci bHYf'U'dfcV'Ya 'k \Yb'UH'Ya dh]b['hc'gi Va]hirci f'Ugg][ba Ybhi'fci [\ 'Hi fb]h]bž'd'YUgY
HY'Yd\cbY'9I HYfbU'Gi ddcfhcb'- ' ,) " ' ' %cf'Ya U] 'h'Ya 'cb'YI HYfbU'HY'gji ddcfh4 i bgk "YXi "Ui "'Gi ddcfh

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

D`U[]Uf]ga `]g`i g]b[`hY`k cfXg`cf]XYUg`cZc`hYfg`UbX`dfYgYbh]b[`hYa `Ug`mci f`ck b" `#WUb`hU`Y`a Ubm
Zcfa gZ`Zca `XY`]VYfU`h`V`X`Y`U`h]b[`hc`UW`Y`X`Y`b`U`m`W`c`d`m]b[`Zca `U`gci f`W`k]h`ci hUW`bck `YX[Ya Yb`h`

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

7 cdm]b[.`i`g]b[`hY`gUa Y`cf`j Yfmg]a]Uf`k cfXg`hc`hY`cf][]bU`hY`hcf]XYU`k]h`ci hUW`bck `YX[]b[`hY`

- i bXYfgHUbX'mci f'f][\hg'UbX'fYgdcbg]V]]hYg'Ug'U'gh XYbhUhl BGK
- VY'Uk UfY'cZd'U[]Uf]ga ž'Wcdmf][\hž' BGK 'Gh XYbh7cXY'cZ7cbXi WñUbX'5WwdfUV'Y'I gY'cZ
I BGK '⇒H'F Ygci fW'g'Dc`]Wñ

