



LING5024

@]b[i]gh]Wg'cZGdc_Yb'9b[`]g\

HYfa `C bY`#`&\$%-



GWXcc`cZ< i a Ub]h]Yg'UbX'@Ub[i U[Yg`#` I BGK `5ftg'UbX'GcWU`GWYbWg

7ci fgY`Cj Yfj]Yk

`GHUZZ7cbhUW`i8YHJ`g`

`7cbj Ybcfg`

B Ua Y	9a U]`	5j U]UV]]m	@cWU]hcb	D\cbY
>Ua Yg`@YY	^Ua Yg`"YY4 i bgk "YXi "Ui	K YXbYgXUm%%\$\$ U"a "!"%&.\$\$'d"a "	&&*`A cfj Yb 6fck b`6i]X]b[Ya U]` dfYZYffYX" - ' ,)`%a *%

GW\cc``7cbhUW`i`bZcfa U]hcb

GW\cc``cZ<i a Ub]hYg`UbX`@Ub[i U[Yg

@cWU]hcb. `GW\cc``C Z]WZ`A cfj Yb`6fck b`6i]X]b[ž`@Yj Y``&ž&),

CdYb]b[`<ci fg.`A cbXUm!`: f]XUmž`- Ua `!`) da

D\cbY. `ž`*%&`- ' ,)`%*, %

: U!.`ž`*%&`- ' ,)`; , +\$)

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

7ci fgY'8YHJ`g

7fYX]hDc]bhtg`*`

Gi a a UfmicZ\hY'7ci fgY

Mci`k`j`YI d`cfY`hY`dUHYfbg`cZgdc_Yb'9b[`]g\`"Mci`ZfghYI Ua]bY`hY`Zcfa UH]cb`cZgci bXg`UbX`hY`
gci bXg`hUha U_Y`i d`hY`9b[`]g\`gci bX`gmgHya`"Mci`hYb`Vi`]X`Zca`g]b[`Y`gci bXg`hc`hY`Wta`V]bUH]cb`cZ`
gci bXg`]bhc`gm`UV`Yg`UbX`hY`fc`Y`cZgm`UV`Yg`]b'9b[`]g\`f`mH`a`z`hU]gzhY`a`Y`cX]WWt`brci`f`cZ`
gYbH`bWg`"Mci`U`gc`YI Ua]bY`hY`WtbgHfi`W]cb`cZk`cfXg`Zca`gci bXg`UbX`hY`Wta`V]bUH]cb`cZk`cfXg`]bhc`
d`fUgYg`UbX`gYbH`bWg`":]bU`mz`mci`YI d`cfY`k`hU]hU`Yg`d`UW`UVcj`Y`hY`gci bXgzh`hU]gzh`UW`bH`UH]cb`
UbX`]bhc`bUH]cb`]b`Vch`Zcfa`U`UbX`Wt``cei`]U`Wt`bH`i`h`"H`]g`Wt`i`fgY`Ug`Udd`]W]h]cbg`Zc`f`]b[`i`]gh`k`lc`
Yj`U`i`UH`UbX`UbbchUH`gdc_Yb`Ub[`i`U[`Y`XUH`]b`Ub[`i`U[`Y#]b[`i`]gh]Wg`]bXi`gh]Ygzh`bH`fd`fY`H`fg`k`cf_]b[`]b`
a`i`h`]b[`i`U`gYH]b[`g`k`]h`9b[`]g\`gdYU`Yfgzh`UW`Yfg`cZ9b[`]g\`Ug`U`gYWt`bX`Ub[`i`U[`Yz`UbX`h`cgY`k`lc`
k`]g\`hc`_bck`a`cfY`UVci`h9b[`]g\`d`lcbYh]Wg`UbX`d`lcbc`c[`m`

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

%`XYgWf]VY`hY`_YmZYUhi`fYg`cZ\hY`9b[`]g\`gci bX`gmgHya`]bWi`X]b[`UW`bH`UH]cb`UbX`]bhc`bUH]cb`
&`UbU`mgY`]b[`i`]gh]WXUH`UbX`Uf[`i`Y`hY`a`Yf]hg`cZ\hU]hUbU`mg]g`
'`" `Wta`dUfY`Wt``cei`]U`UbX`Zcfa`U`dUHYfbg`cZgdc_Yb'9b[`]g\`"

HYUW\]b[`G`h`f`U`H`[`]Yg`

H\Y`Wt`i`fgY`]g`hUj`[`hUg`U`k`YY`_`m`h`f`Y`Y`l`ci`f`g`Ya`]bUf`"<`U`ZcZ\hY`gYa`]bUf`d`fYgYbhtg`hY`Wt`bW`dhi`U`
_bck`YX[`Y`cZ\hY`dUHYfbg`cZgdc_Yb'9b[`]g\`" `hY`gYWt`bX`\U`ZcZ\hY`gYa`]bUf`gh`XYbhtg`k`cf`_`k`]h`
gdY`Y`W`g`Ua`d`Yg`]b`k`\]W`h`Y`m`Udd`m`h`Y`Wt`bW`dhi`U`_bck`YX[`Y`hc`hY`UW`i`U`d`fc`Xi`W]cb`UbX`
Wta`d`fY`Y`bg]cb`cZgdc_Yb'9b[`]g\`"

5ggYgga Ybh

5ggYgga YbhHUg_g`

5ggYgga YbhHUg_	K Y][\h	8i Y'8UHŸ	Gh XYbh@YUfb]b[Ci hWta Yg'5ggYggYX
Dfc'YWñ) \$i	\$, #) #&\$%- '\$%\$\$'DA	%z&Z
HU_Y'\ca Y'ñgh	')i	% # '\$ #&\$%- '\$) .\$\$'DA	%
DfYgYbhUh	‰	h	‰ ‰ ‰

5 hYbXUbW F Yei]fYa YbHg

5 hYbXUbW cZgYa]bUfg:]g'a UbXUhc fm]b'h]g'Wci fgY"l bYI W gYX UVgYbW Zfca 'a cfY hUb'&\$i 'cZ
gYa]bUfg:k]'fYgi 'h]b'hY'Uk UfX'U'ZU]'[fUXY"

		<p>Cj Yfj]Yk</p> <p>' "'7 cbj YfgU]cbU`dfcWggYg]b`gdc_Yb`9b[`]g\ dUfh&</p> <p>("F YUX]b[`gYh'</p> <p>@U`k cf_</p> <p>) "'Vi]X]b[`U`fYgYUfW `]bgf i a Ybh</p> <p>5ggYgga YbhifHYgĤ</p> <p>5gg][b`h`Y`VĤbhYbhcZĤY`hYghXi Y`]b`k YY_) "</p>
K YY_(.:%%A UfW !`%+ A UfW	GYa]bUf	<p>8]gW gg]cb</p> <p>% "'7 cbj YfgU]cbU`dfcWggYg]b`gdc_Yb`9b[`]g\ dUfh&</p> <p>&"F YUX]b[`gYh'</p> <p>Cj Yfj]Yk</p> <p>' "'F YUX]b[`GYh(</p> <p>@U`k cf_</p> <p>*"'Vi]X]b[`U`XYa c[fUd\]Wei Ygh]cbbU]fY</p>
K YY_) .:% `A UfW !`&(A UfW	5ggYgga Ybh	<p>B c`ZJW`hc`ZJW`\ci fg" H\Y`hYgh]g`Xi Y`Vm) .\$\$`d"a " cb`A UfW`% ž&\$%</p>
K YY_*. `&) `A UfW !`" % A UfW	GYa]bUf	<p>8]gW gg]cb`</p> <p>%`F YUX]b[`gYh(</p> <p>Cj Yfj]Yk</p> <p>&"F YUX]b[`gYh)</p> <p>@U`k cf_</p> <p>' "'`VĤfdi g`"]b[i]gh]Vg"</p>
K YY_+. :%5df]`!`+`5df]`	GYa]bUf	<p>8]gW gg]cb</p> <p>%`F YUX]b[`gYh)</p> <p>C fU`dfYgYbU]cb</p> <p>&"Ug`fcghYfYX</p> <p>Cj Yfj]Yk</p>

		' "F YUX]b['gYh* @UV`k cf_ ("WŁfdi g`]b[i]gh]Vg
K YY_ ; . ; '5df]'! '%('5df]	GYa]bUf	8]gW gg]cb %' "F YUX]b['gYh* C fU`dfYgYb]U]cb &"Ug`fcghYfYX C j Yfj]Yk ' "F YUX]b['gYh+ @UV`k cf_ ("WŁfdi g`]b[i]gh]Vg
K YY_ - . : % '5df]'! '&% 5df]	GYa]bUf	8]gW gg]cb %' "F YUX]b['gYh+ C fU`dfYgYb]U]cb &"Ug`fcghYfYX C j Yfj]Yk ' "F YUX]b['gYh, @UV`k cf_ ("WŁfdi g`]b[i]gh]Vg
K YY_ %\$. '&'5df]'! '& 5df]	GYa]bUf	5df]'&&]g`9UghYf`A cbXUmž`U`di V`]W\c`]XUm`B c WUgg"

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

H\Y`Wèi fgY`fYUX]b[g`UfY`èi fbU`Ufh]WYg`Uj U]UV`Y`h\fcì [\`ì B GK ``]VfUfm`

F YWca a YbXYX`F Ygci fWg

6cc_`-`Gci bX`DUh`fbg`cZ9b[`]g\`Vmi@]bXU`G`cW`Ym`6`UW`k Y``Di V`]g\Yfg"

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

Gi Va]gg]cb`cZ5ggYgga YbhHUg_g

Gi Va]gg]cb`cZ5ggYgga YbhHUg_g

Hi fb]hb`Gi Va]gg]cb

≠mci`YbWci bHYf`U`dfcV`Ya`k`Yb`U`HYa`dh]b[`hc`gi`Va`]hmc`i`f`Ugg][`ba`Ybh`h`fci`[`\`Hi`fb]hb`z`d`YUgY`
HY`Yd`cbY`9I`HYfbU`Gi`ddcfhcb`-`,`),`"`,`'`,`%`cf`Ya`U]`h`Ya`cb`YI`HYfbU`HY`hgi`ddcfh4`i`bgk`"YXi`"Ui`"Gi`ddcfh`
`ci`fg`UfY`,`.\$\$Ua`-`%\$.\$\$da`cb`k`YY`XUmg`UbX`-`.\$\$Ua`-`,`).\$\$da`cb`k`YY`YbXg`fI`*)`XUmg`U`mY`UfL`≠mci`
UfY`i`bUV`Y`hc`gi`Va`]hmc`i`f`Ugg][`ba`YbhXi`Y`hc`U`ZUi`hik`]h`Hi`fb]hb`mci`a`UmUdd`mi`Zcf`Ub`YI`HYbg]cb`z`Vi`hmc`i`
a`i`ghfY`hU]b`mci`f`h]W`Yhbi`a`VYf`Zca`9I`HYfbU`Gi`ddcfhU`cb[`k`]h`Ubmc`h`Yf`fY`Yj`UbhXcW`a`Yb`hg`L`hc`
]bWi`XY`Ug`Yj`]XYbW`hc`gi`ddcfhmc`i`f`YI`HYbg]cb`Udd`]W]h]cb"≠mci`Ya`U]`9I`HYfbU`Gi`ddcfhmc`i`k`]`
Ui`hca`U]W]m`fYW]j`Y`U`h]W`Yhbi`a`VYf`z`Vi`h]Zmci`HY`Yd`cbY`mci`k`]`b`Y`YX`hc`gd`Y`W]W]m`Ug`_`Zcf`cbY`
Hi`fb]hb`U`gc`dfcj`]XYgi`dXU`HY`g`cb`h`Y]f`gmgh`Ya`gh`U`h`g`cb`Hk`]hYf"

;`YbYfU`m`z`UggYgga`YbhHUg_g`a`i`ghVY`gi`Va`]hYX`Y`YWfcb]W]m`mj`]U`Y]h`Yf`Hi`fb]hb`cf`U`A`ccX`Y`
Ugg][`ba`Ybh`h`b`]bg`h`UbW`g`k`YfY`h`g`]g`bchidcgg]V`Yz`]hk`]`VY`g`h`YX`cb`mci`f`Wci`fgY`g`A`ccX`Y`g`]h`k`]h`
U`h`YfbU]j`Y`gi`Va`]gg]cb`XYhU]g"

:`cf`]bZcf`a`U]cb`cb`\ck`hc`gi`Va`]hUgg][`ba`Ybh`g`cb`]bY`j`]U`A`ccX`Y`.\`h`tdg`#`gh`XYbh`i`bgk`"YXi`"Ui`#ack`!
gi`Va`]hUgg][`ba`Ybh`a`ccX`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" #WU b'U_Y'a Ubm Z'fa gž Z'ca 'XY]VYfUHY'WXU]b['hc'UW]XYbU`mW'dm]b['Z'ca 'U'gci fW'k]h'ci hUW_bck 'YX[Ya Ybh'

I BGK '[fci dg'd`U[]Uf]ga]bhc'hY'Z'ck]b['WU]Y[cf]Yg.

7cdm]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 dfYgYbU]cbg'k \YfY'gca YcbY'dfYgYbhg'UbchYf'g']XYUg'cf'k cfXg'k]h'ci hWYX]h'

#Uddfcdf]UHY'dUfUd\fUg]b[.7 \Ub[]b['U'Z'k 'k cfXg'UbX'd\UgYg'k \]Y'a cghm'fYU]b]b['hY'cf][]bU'gfi W' fY'UbX'#f'dfc[fYgg]cb'cZ]XYUg'cZ'hY'cf][]bU'Z'UbX']bZ'fa U]cb'k]h'ci hUW_bck 'YX[Ya Ybh' 'H\]g'U'gc'Udd'Yg']b'dfYgYbU]cbg'k \YfY'gca YcbY'dUfUd\fUgYg'UbchYf'g']XYUg'cf'k cfXg'k]h'ci hWYX]h'UbX'hc d]Y]b['hc[Y'hY'f'ei chYg'UbX'dUfUd\fUgYg']bhc'U'bYk 'k \c'Yž'k]h'ci hUddfcdf]UHY'fYZYfYbW]b["

7c`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_"7c`i g]cb'U'gc]bWi XYg'dfcj]X]b['mci f'k cf_'hc'UbchYf'g'hi XYbhVYZ'fY'hY'Xi Y'XU]Yž'cf'Z'f'hY'di fdcgY'cZ'hYa d'U[]Uf]g]b['UhUbmi]a Yž'dUm]b['UbchYf'dYfgcb'hc'dYfZ'fa 'Ub'UWUXYa]W]Ug_ž'ghU']b['cf'UW'ei]f]b[UbchYf'dYfgcb'g'UWUXYa]Wk cf_]UbX'W'dm]b[]ž'cZ]f]b['hc'W'ca d'YH'UbchYf'dYfgcb'g'k cf_]cf'gYY_]b[dUma YbhZ'f'W'ca d'Y]b['UWUXYa]Wk cf_"

#Uddfcdf]UHY'W]U]cb. 7]b['gci fW'g'k \]W\Uj Y'bchVYYb'fYUXž'k]h'ci hUW_bck 'YX[]b['hY'"gYW'cbXUfm' gci fW'Z'ca 'k \]W_]bck 'YX[Y'cZ'hYa '\Ug'VYYb'cV]b]bYX"

8i d']W]cb'f'gY'Z'd`U[]Uf]ga "L'gi Va]h]b['mci f'ck b'k cf_ž]b'k \c'Y'cf']b'dUfž'k \YfY']h\Ug'dfYj]ci g'm VYYb'dfYdUfYX'cf'gi Va]h]YX'Z'f'UbchYf'UggYgga Ybhcf'W'ci fgY'Uhl BGK 'cf'UbchYf'i b]j Yfg]m'

7cffYW'fYZYfYbW]b['dfUW]W'g.

- DUfUd\fUg]b[ž'gi a a Uf]g]b[ž'YggUmk f]h]b['UbX'h]a Y'a UbU[Ya Ybh
- 5ddfcdf]UHY'i gY'cZUbX'U]f]Vi h]cb'Z'f'U'fUb[Y'cZa U]f]U'g']bWi X]b['hYI hž]a U[Ygž Z'fa i 'UY'UbX W'cbW'drg"

#X]j]Xi U'Ugg]ghUbW']g'Uj U]UV'Y'cb'fYei YghZ'ca 'H\Y'@YUf]b['7YbhfY'f\hd. ## k k "Wi bgk "YXi "Ui #"
Gh XYbhg'UfY'U'gc'fYa]bXYX'h.UhWfYZ 'h]a Y'a UbU[Ya Ybh]g'Ub]a dcfU]bhdUfhicZ'gh XmiUbX'cbY'cZ'hY]XYbh]ZYX'Wli gYg'cZd'U[]Uf]ga]g'dccf'h]a Y'a UbU[Ya Ybh'Gh XYbhg'g'lc'i 'X'U'ck 'gi Z]W]Ybh]a Y'Z'f'fYgUfW'ž'XfU]h]b['UbX'dfcdYf'fYZYfYbW]b['cZ'gci fW'g']b'dfYdUf]b['U'UggYgga Ybh]h'a g"

I BGK '@]VfUfm'U'gc'\Ug'hY'9@G9'hc'Uj U]UV'Y'hc'Ugg]ghmci 'k]h'mci f'gh XmiUhl BGK "'9@G9']g XYg][bYX'hc']b]f'cXi W' 'bYk 'gh XYbhg'hc'gh Xn]b['Uhl BGK 'Vi h]h'WU'U'gc'VY'U']fYUhfYZYg\Yf'Xi f]b['mci f'gh Xn'

7ca d'Y]b['hY'9@G9'h'hc'f]U'UbX'ei]n'k]'YbUVY'mci 'hc.

- UbU'mgY'hc'd]Wgž'd'Ub'fYgdcbgYg'UbX'cf[Ub]gY'fYgYUfW'Z'f'UWUXYa]Wk f]h]b['UbX'chYf'UggYgga Ybh]Ug_g

5 WUXYa]WbZcfa Uhcb`

: cf`YggYbh]U`ghi XYbh]bZcfa Uhcb`fY`Uh]b[`hc.

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

[\h\]dg.#k k k "Ufmg"i bgk "YXi "Ui #W ffYbh\]ghi XYbh\]bZcfa Uh\]cb`#dfchVc`g`\[i \]XY`\]bYg#](#)