

GhUXh'j g"@UbX. ; YVi fhYbfUhY]b '6 UXYb!
K ØfhhYa VYf[' ! '9]bY '5 bU`mgY

9fZU\ fYb 'G]Yž'k Ufi a 'X]Y; YVi fhYbfUhY]b '6 UXYb!
K ØfhhYa VYf['g]b_h'i bX'k Y`WXY`GhÅXhY`ØVYf`XYa
8i fWgW.b]hh`Y[Yb"NU\`Ybž: U_hYb`i bX'; fØbXY`]a `8YhU]"

; YVi fhYbfØW_[Ub[']b '6 UXYb!K ØfhhYa VYf[
i bX`fY[]cbU`Y`I bhYfgW]YXY

8]Y; YVi fhYbfUhY]b '6 UXYb!K ØfhhYa VYf[']gh`]a `š\`f`&\$&' `]a
JYf[`Y]W`ni a `Jcf`U\`f`[Ygi b_Yb"@Ui h`XYa `GhUh]gh]gWYb
@UbXYgUa h'k i fXYb`]bg[YgUa h`- , "(\$ \$ `?]bXYf`YVYbX`[YVcfYbž
k Ug`Y]bYa `FØW_[Ub[' j cb`* "%\$ \$ `?]bXYfb`]a `JYf[`Y]W`ni `&\$&&
Ybhgd]f]W`h`8]Y`Xi fWgW.b]hh]WY`?]bXYfnU\`Y; fUi `VYhf[[`ž((
?]bXYf`]a `š\`f`&\$&' ž'k Å\`fYbX`Yg`&\$&&`bcW`%ž) \$`k UfYb"8]Yg`]gh
XUg`YfghY`A U`gY]h`&\$%(ž`XUgg`X]Y; YgUa h`mU\`XYf`BYi [YVcfYbYb
i bhYf`%\$`\$`\$`\$`U["

F Y[]cbU`Y`I bhYfgW]YXY`]b`XYf
; YVi fhYbfUhY

⇒hYfYggUb'h]g]bX`X]Y`I bhYfgW]YXY`]b`XYf`?]bXYfnU\`Y; fUi
]bbYf\U`V`6 UXYb!K ØfhhYa VYf[g" `a `š\`f`&\$&' `k]Yg`XYf`@UbX_fY]g
Fchhk Y]`X]Y`\ØW`ghY; YVi fhYbfUhY`a]h`%ž+) `?]bXYfb`Y; fUi `Ui Zž
[YZc`[hij cb`XYb`@UbX_fY]gYb`Hi hh]b[Yb`i bX`7U`k`a]h`Yk Y]`g
%ž* - "8]Y`GhUXh_fY]gY`< Y]XY`VYf[`f\$ž- (Łi bX`Ghi hh[Ufh`f%ž%&Ł
gck]Y; fY]Vi f[`]a `6fY]g[Ui `i bX`? Uf`gfi \Y`fVY]XY`%ž%) Ł`nY][hYb
\b[Y[Yb`j Yf[`Y]W`gk Y]gY`b]YXf[[Y; YVi fhYbfUhYb"

9]bZ'i gg`j cb`GhUXh!`i bX`@UbX[YV]YhYb`Ui Z

X]Y'; YVi fhYbfUhY

8]Y`fY[]cbU`Yb`l bhYfgWk]YXY`k YfXYb`hY]`k Y]gY`Xi fWk`Y]b` GhUXh!
@UbX!; YZ`Y`Y`Yf`_`Åfh" `ϕ`_`ÅbX`]WkYb` ; Y[YbXYb`]gh`X]Y`?]bXYfnU\`
Y` : fUi`hYbXYbn]Y``\`Ö\Yf`U`g`]b`gh`ÅXh]gWkYb` ; YV]YhYb"
ϕgVYgcbXYfY`]b`Ghi`XYbhYbgh`ÅXhYb`k]Y`<Y]XY`VYf[`]gh`X]Y
; YVi fhYbfUhY`Ui`Z[fi`bX`XYf`†`b[Yb`6Yj`Ö`_Yfi`b[ž`X]Y
\Ui`dhg`ÅWk`]Wk`a`]h`Ghi`X]i`a`i`bX`6Yfi`ZgY]bgh]Y[`VYgWk`ÅZh][`h`]ghž
j`Yf[`Y]Wk`gk`Y]gY`b]YXf][`"8`UfØVYf`\`]bUi`g`nY][`h`g]Wk`Y]b
Ni`gUa`a`Yb`Ub[`nk`]gWkYb`XYa`6`]Xi`b[`gb]j`YUi`XYf` : fUi`Yb`i`bX
XYf`5bnU\`XYf[`YVcfYbYb`?]bXYfž`k`cVY]`a`]h`ghY][`YbXYa
6`]Xi`b[`gb]j`YUi`X]Y` ; YVi fhYbfUhY`UVni`bY`a`Yb`gWkY]bh"

8Yf`FØW_[`Ub[`XYf` ; YVi fhYbfUhY`]b`6UXYb!K`ØfhYa`VYf[
j`YfXYi`h`]Wk`h`X]Y`<YfUi`gZcfXYfi`b[Ybž`j`cf`XYbYb`XUg`6i`bXYg`UbX
\]bg]Wk`h`]Wk`gY]bYf`XYa`c[`fUZ]gWkYb`9bhk`]W_`i`b[`ghY`h`"8]Y
fY[]cbU`Yb`l bhYfgWk]YXY`]b`XYf`?]bXYfnU\`Y` : fUi`nY][`Yb`X]Y
J]Y`ZU`h`XYf`@YVYbgi`a`gh`ÅbXY`i`bX`Df]cf]h`ÅhYb`]bbYf`U`V`XYg
6i`bXYg`UbXg`Ui`Z`9g`V`Y]Vh`UVni`k`UfhYbž`k`Y`WkY`A`U»`bU`a`Yb
Yf[`f]ZYb`k`YfXYbž`i`a`X]YgYb`HfYbX`ni`j`Yf`Ub[`gUa`Yb`i`bX
`Ub[`Zf]gh][`XUg` ; `Y]Wk[`Yk`]Wk`h]b`XYf`6Yj`Ö`_Yfi`b[`ni`Yf`U`hYb"

· · B 5;

8YhU]`g

6Ygi`WkYb`G]Y`i`bg`Ui`Z.`b!U[`"XY