

7\ Uh; DH'VYU bhk c fhYh'X]Y '[fÒ» hYb
: fU[Yb 'j cb '7 fmdhc . '6]hWc]b 'cXYf
9h\ YfYi a 3

8 Ug' ðhYfbYh'k i fXY'gWbY''j cb'7\ Uh; DH'ZUgn]b]Yfh' 'XYa
GdfUW a cXY''!7\ UhVchž'XYf'gWY]bVUf'a Ø\Y'cg'Ui gZØ\ f'WY
5 bhk c fhYb'Ui Z'YXY': fU[Y'']YZYfh''7 fmdhc'Hk]hhYf'gWY]bh
VYgcbXYfg'ZUgn]b]Yfh'j cb'XYa ' ? ð6ch'ni 'gY]b' 'j cb'7 UgU!
; fØbXYf' ðJa Ygcb '@dd'V]g'ni 'Hk]hhYfg'bYi Ya '7\YZi bX
8 c[YWc]b!9bh\i g]UghYb'9'cb'A i g_"'K]f'\UVYb'ni bg
YbhgW]YXYbž'7\ Uh; DH'Y]bY'FY]\Y'j cb': fU[Yb'ni f
9]bZØ\fi b['j cb'6]hWc]b'ni bX' ? fmdhc'ni 'ghY''Yb'
Y]bgW'Y» 'W'XYfYfž'X]Y'j cb'A YbgWYb']a a Yf'bcW '\Y]»
X]g_i h]Yfh'k YfXYb''<]Yf']ghž'k Ug'XYf'VYfØW h][hY'6ch'ni
gU[Yb'\UhY''6]hWc]b'cXYf'9h\ YfYi a 3'K]f'\UVYb'ni Yfgh
[YZfU[hž'k Ug'7\ Uh; DH'ØVYf'6]hWc]b'XYb_h.' < Uh'6]hWc]b
Y]bYb']bbYfYb'K Yfh3 'J]Y'Y'XYf'[fÒ» hYb' / Ua d\Y''d/

8 Ug' ðhYfbYh'k i fXY'gWbY''j cb'7\ Uh; DH'ZUgn]b]Yfh' 'XYa
GdfUW a cXY''!7\ UhVchž'XYf'gWY]bVUf'a Ø\Y'cg'Ui gZØ\ f'WY
5 bhk c fhYb'Ui Z'YXY': fU[Y'']YZYfh''

7 fmdhc'Hk]hhYf'gWY]bhVYgcbXYfg'ZUgn]b]Yfh'j cb'XYa ' ? ð6ch'ni
gY]b' 'j cb'7 UgU!; fØbXYf' ðJa Ygcb '@dd'V]g'ni 'Hk]hhYfg'bYi Ya
7\YZi bX'8 c[YWc]b!9bh\i g]UghYb'9'cb'A i g_"'

K]f'\UVYb'ni bg'YbhgW]YXYbž'7\ Uh; DH'Y]bY'FY]\Y'j cb': fU[Yb'ni f
9]bZØ\fi b['j cb'6]hWc]b'ni bX' ? fmdhc'ni 'ghY''Yb' 'Y]bgW'Y» 'W'
XYfYfž'X]Y'j cb'A YbgWYb']a a Yf'bcW '\Y]» 'X]g_i h]Yfh'k YfXYb''
<]Yf']ghž'k Ug'XYf'VYfØW h][hY'6ch'ni 'gU[Yb'\UhY''

6]hWc]b'cXYf'9h\ YfYi a 3

K]f` \UVYb`ni Yfghi[YZfU[hž`k Ug`7\Uh` DH`ØVYf`6]hWc`b`XYb`h` <Uh`
6]hWc`b`Y`bYb`]bbYfYb`K Yfh3

J]Y`Y`XYf`[fØ» hYb`?f]h]_Yf`j cb`6]hWc`bž`k]Y` ; c`X`6i [`DYhYf`GW]ZZ`
k ØfXY`bY`b`gU[Yb`i bX`Uf[i a Ybh]YfYbž`XUgg`XYf`J Yfa` Ò[Ybgk Yfh`
fY]b`gdY`i`Uh]j`]gh`i bX`XUni`VYgh]a` a`h`]ghž`Ui`Z`Bi` ``UVni`ghØfnYb`"
8]Y`5bhk`cfh`XYg`? ≠6chg`k Uf`YXcW`Yhk`Ug`X]ZZYfYbn]YfhYf.

9]b][Y`@Yi`hY`_ØbbhYb`Uf[i a Ybh]YfYbž`XUgg`X]Y`XYnYbhfU`Y`B`Uhi`f`
j cb`6]hWc`b`i`bX`gY]bY` : À\][_Y]hž`U`g`X][]hU`Yf`K`YfhUi`ZVYk`U`fYf`
ni`Z`b[]YfYbž`U`g`]bhf]bg]gW`Yf`K`Yfh`Ub[YgY`Yb`k`YfXYb`_ØbbhYb`ž`
Y]» h`Yg`XUf]b`"

GY]bY`5bhk`cfh`ZÀb[h`X]Y`5bg]W`h`Y]b][Yf`XYf`[fØ» hYb`6YZØfk`cfhYf`
j cb`6]hWc`b`Y`bž`XUgg`XYf`J Yfa` Ò[Ybgk Yfh`ni`a`X][]hU`Yg` ; c`X`
XYg`&%` ð\`f`i`bXYfhg`XUb`_gY]bYf`i`ba`Ub]di`_YfVUfYb`
 ; Y`Xdc`]h]_`"

; YbUi`XUfUi`Z`k]Yg`7\Uh` DH`gd`ÀhYf`\]bž`U`g`Yf`[YVYhYb`k`i`fXYž`
6]hWc`b`a`]h`9h\YfYi`a`ni`j`Yf[`Y]W`Yb`" 9g`k]fX`c`Zi`U`g`X][]hU`Yg`
 ; c`X`VYnY]W`b`Yh`ž`\]Y»`Yg`" GY]b`df]a`À`fYf`5bk`YbXi`b[gZU`"]gh`
Y]bY`X][]hU`Y`5`hYfbUh]j`Y`ni`hfUX]h]cbY`Yb` :]Uh`K`À`fi`b[Yb`k]Y`
XYa`i`G!8c`Uf`cXYf`XYa`i`9i`fc`"

⇒ a` ; Y[YbgUhn`XUni`VYgW`f]YV`Yg`9h\Yf`U`g` a`Y`f`
⇒bcj`Uh]cbgdchYbn]U`U`g`6]hWc`b`i`bX`a`UW`hY`Yg`XUa`]h`ZØf`
9bhk]W`_Yf`U`hfU`_h]j`Yf`"5`g`Yf`_À`fh`j`cb`6]hA`9L`]a`i`ž`k`Uf`X]Y`
G`_f]d`hgdfUW`Y`i`bX`!`_i`h`i`f`j`cb`9h\YfYi`a`]b`XYf`J`Yf[Ub[Yb`Y]h`
c`ZZYbYf`ZØf`J`Yf`À`bXYfi`b[Yb`U`g`X]Y`j`cb`6]hWc`b`i`cV`k`c`\`Yg`a`Y`f`
8`Uddg`g]bX`VY[]bbh`g]W`ni`Ybhk]W`_Y`b`]a`i`6]hWc`b`!@[`hb]b[!`
B`Y`hk`Yf`_`"

K Yf`]gh`GUhc`g`]3

7\Uh` DH`]gh`YXcW`b]W`h`U`k]ggYbX.`9g`[UV`ni`ž`XUgg`X]Y`⇒Ybh]h`À`h`
XYg`dgYi`Xcbma`Yb`GW`ØdZYfg`j`cb`6]hWc`b`i`GUhc`g`]B`U`_Ua`chc`
b]W`h`Ui`Z[YXYW`_h`k`i`fXY`i`bX`b]W`h`ØZZYbh]W`VY`_Ub`bh]gh`"

K Å\fybX`Y]b][Y`DYfgcbYb`VY\Ui dhYh`\UVYbž`GUhcg\]`BU_Ua chc
ni`gY]b`cXYf`j YfXÅW`h][h`k i fXYbž`XYf`GW`ÒdZYf`ni`gY]bž`k i fXY
_Y]bY`X]YgYf`6Y\Ui dhi b[Yb`i bUV\Åb[][`ØVYfdfØZh ž`\Y»`Yg`8Yf
; fØbXYf`j cb`6]hW`b]b`GJ ž`7fU][`K f][\hž`\Uh`cZh`UbXYfY
VYgW`i`X][hž`\b`X]ZZUa]Yfh`ni` \UVYbž`k Ybb`Yf`VY\Ui dhYhž`XYf
fÅhgY`\UZh`Y` fØbXYf`ni`gY]b` `UVYf`Yf`\Uh]b`YhnhYf`NY]h`bcW`
_Y]bYb`[fc»Yb`9fZc`[` [YgY\Yb`j`cf`; Yf]W`h`

5i ZX]Y` : fU[Yž`cV`6]hW`b`Ya U`g`X]Y`K Y`hfYgYfj Yk Å\fi b[`k YfXYb
k ØfXYž`gW`cgg`XYf`6ch`X]Y`A Ò[`]W`_Y]h`b]W`h`Ui g`C`V`k`c`\`Y`g
bcW`Ub` `ZfUghfi`_hi`fž`J`cf`gW`f]ZhYb`i`bX`GhUV`]hÅh`a`Ub[Y`hž`i`a
U`g`gc`W`Y`VYhfUW`hYh`ni`k`YfXYbž`]gh`Yg`]a`a`Yf`bcW` `a`Ò[`]W`ž
XUgg`X]Y`Ni`_i`bZh`Y`bXYfi`b[Yb`Ub`X]YgYf`G]hi`Uh]cb`Vf]b[h`ž`k`Ybb
X]Y`HYW`bc`c[]Y`k`ÅW`ghi`bX`g]W`Y`b`hk`]W`_Y`h`

GW`Y]Y»`]W`]gh`7\Uh`DH`_Y]b`UVgc`i`hYf`B`cW`b]bYf`

?fmdhc`k`Å\fi`b[`i`bX`6`c`W`W`U]b!HYW`bc`c[]Y`g]bX`_Y]b`6Yhfi` [ž
\Y»`Yg`Ui`ZX]Y` : fU[Y` `gh`?fmdhc`Y]b`6Yhfi` [3` "

5VYf`k`]Y`VY`]YXYa`UbXYfYb` :]bUbna`Uf`_h`[]Vh`Yg`F`]g]_Yb`i`bX
6YhfØ[YfY]Ybž`XYfYf`a`Ub`g]W`VYk`i`ggh`gY]b`a`i`gg`ž`ghY`hY`Yg
_`Uf`

...

8YhU]`g

6Ygi`W`Yb`G]Y`i`bg`Ui`Z.`_fmdhc!bYk`g`Uh