

6 UVhY WYf ÖZZb Yh' b Yi Yb ' GhUb Xc fh' ]b  
: f]Y Xf]W\ g\ UZYb ' ZØf ' Gc Zhk UfYYb hk ]W\_` i b [

6 UVhY WYf ÖZZb Yh' b Yi Yb ' GhUb Xc fh' ]b : f]Y Xf]W\ g\ UZYb ž' ghÄf\_h  
9bhk ]W\_` YfhYUa ` i bX' j YfVYggYfh? i bXYbX]U`c [ `Ua  
6cXYbgYY"

8 ]Y ' 9fÖZZbi b [ `Y]bYg' b Yi Yb ' 6Øfcg' XYg' K i ddYfhU`Yf  
Gc Zhk UfYi bhYfbY\ a Ybg' 6UVhYW]b : f]Y Xf]W\ g\ UZYb ' ghY ` ` h' Y]bYb  
VYXYi hYbXYb ' GW\ f]h' h' ZØf ' X]Y ' F Y [ ]cb ' XUF" ' ð ' XYf ' C hrc! @]` Ybh\ U`!  
GhfU» Y `]a ` 7ca dYhYbW ` DUF\_` k ]fX ' X]Y ' 9bhk ]W\_` i b [ gUVhY]` i b [  
Yfk Y]hYfh' i bX' [ `Y]W\ nY]h] [ `X]Y ` Ni gUa a YbUfVY]h' a ]h' VYghY\ YbXYb  
? i bXYb [ YghÄf\_h" 8 Yf' GhUbXc fh' YfÖZZb Yh' b Yi Y ` DYfgdY\_hj] Yb ' ZØf  
Y]b ` ]bhYfbUh]cbU`Yg' 9bhk ]W\_` YfhYUa ž' XUg' bi b ` X]Y  
< YfUi gZcfXYfi b [ `UbbY\ a Yb ' XUFZ]` bbcj Uh]j Y ` Gc Zhk UfY ` Ögi b [ Yb  
ni ` \_fY]YfYb"

6 YXYi hi b [ ` ZØf ' X]Y ' F Y [ ]cb ` i bX' ? i bXYb

: f]Y Xf]W\ g\ UZYb ` k ]fX ` ni f' gYW\ ghYb ` B]YXYf ` Uggi b [ ` j cb ` 6UVhYW]b  
8 Yi hgW\ ` UbX' i bX' V]YhYh' a Y\ f ` U`g' & ( \$ ` A ]hUfVY]hYf]bbYb' i bX  
A ]hUfVY]hYfb ` Y]bY ` k Y]hYfY ` D ` UhhZcfa " ` K ]f' g]bX' gW\ cb ` ]b ` XYf  
F Y [ ]cb ` d fÄgYbh ž' Yf ` Äi hYfh' @ hm' ? fÄa Yfž' A ]h [ ` ]YX ` XYf  
; YgW\ ÄZhg ` Y]hi b [ " 8 ]YgY ` 9hUV ` ]Yfi b [ ` ]gh' k ]W\ h] [ ž' XU ` X]Y  
B UW\ VUfgW\ UZh' Y]b] [ Y ` dfca ]bYbhY ` ? i bXYb ` k ]Y ` @]YV\ Yff' i bX  
< UbXha Ubb ` VY\ YfVYf [ h" 8 ]Y ` bYi Y ` 6Øfci a [ YVi b [ ` gc ` ` XYb  
U\_hj] Yb ` ? i bXYbX]U`c [ ` ZØfXYfb' i bX ` Y]bY ` UbgdYfW\ YbXY  
5fVY]hgUha cgd\ ÄfY ` [ Yk Ä\ f ` Y]ghYb"

⇒ bhY [ fUh]cb ` ]b ` X]Y ` ` c \_U ` Y ` ; Ya Y]bgW\ UZh

7 \f]gh]Ub ` 8 i b\_Y ` ž' HYUa ` Y]hYf ` XYg' b Yi Yb ' GhUbXc fhgž' \ YVh' X]Y

]bhYfbUH]cbU`Y`Ni gUa a YbUfVY]h]bbYf\U`V`XYg`HYUa g`\Yfj cf"  
K ]f`Vf]b[ Yb`i bgYf`K ]ggYb`Y]b`i bX`YfbYb`Ui W`j cb`bYi Yb  
<YfUi gZcfXYfi b[ Yb ž`gU[ h`8i b`\_Y`"8]Y`9bhgW`Y]Xi b[ `Z0f  
: f]YXf]W`g\UZYb`YfZc`[ h]a `?cbhYI h`Y]bYf`FY[ ]cbž`X]Y`b]W`h`bi f`Z0f  
]\fY`bUh0f`]W`Yb`; Y[ YVYb`Y]hYbž`gcbXYfb`Ui W`Z0f`]\fY  
]bXi ghf]Y`Yb`A 0[ `]W`\_Y]hYb`VY`Ubbh]gh"J cf`XYf` , VYfbU`a Y`j cb  
5j ]fU`k Uf`XUg`9bhk ]W`\_YfhYUa `VYfY]hg`]b`XYf`FY[ ]cb`h`h[ ž`k Ug  
X]Y`b`hY[ fUh]cb`]b`X]Y`c`\_U`Y` ; Ya Y]bgW`UZh`Yf`Y]W`hYfh"

## HYW`bc`c[ ]gW`Y`b`bcj Uh]cb`Xi fW`VYk A`fhY A Yh`cX]\_Yb

5a `bYi Yb`GhUbXcfh]gh`XUg`9bhk ]W`\_YfhYUa `Z0f`X]Y  
K Y]hYfYbhk ]W`\_i b[ `j cb`GcZhk UfY`ni gh`AbX][ ž`X]Y`I bhYfbY`a Yb`VY]  
]bhY[ f]YfhYb`A UbU[ Ya YbhgmghYa Yb`i bX`E`i U`]h`hga UbU[ Ya Ybh  
i bhYfgh0hnh" A ]h`Y]bYf`A Yh`cX]\_`Ui g`XYf`@ Zh`i bX`F`Ui a ZU`fhž`XYf  
: Y`Yf!ž`A 0[ `]W`\_Y]hg!`i bX`9]bZi ggUbU`mgY`fl A 95ž`k ]fX  
g]W`Yf[ YghY`hž`XUgg`DfcXi `\_hY`j cb`\0W`ghYf`E`i U`]h`h`g]bX"  
: f0`nY]h][ `: Y`Yf`ni `YbhXYW`\_Ybž`]gh`YbhgW`Y]XYbX ž`gc`?f`Aa Yf"  
8]Yg`]gh`VYgcbXYfg`k ]W`h][ `Z0f`XYi hgW`Y`I bhYfbY`a Ybž`X]Y`c`Y  
9fk Ufhi b[ Yb`Ub`]\fY`DfcXi `\_he`i U`]h`h`h`UVYb"

## Ni `i bZhgdYfgdY`\_h]j Yb`Z0f`6UVhYW

8]Y`9bhgW`Y]Xi b[ ž`Ub[ Zf]gh][ `]b`: f]YXf]W`g\UZYb`ni `V`Y]VYbž  
g][ bU`]g]Yfh`6UVhYWg`9b[ U[ Ya Ybh`Z0f`X]Y`FY[ ]cb`"8Yf`GhUbXcfh  
gc``b]W`h`bi f`U`g`6Ug]g`Z0f`VYghY`YbXY`DfcXi `\_hYbhk ]W`\_i b[ Yb  
X]YbYbž`gcbXYfb`Ui W`k UW`gYb`i bX`g]W`k Y]hYfYbhk ]W`\_Y`b`"8]Y  
ghfUHY[ ]gW`Y`Dcg]h]cb]Yfi b[ `i bX`:`i `\_hi Uh]cb`j cb`: UW`\_f`ZhYb`  
Yhk U`bUW`XYf` , VYfbU`a Y`j cb`5j ]fU` `Yfa 0[ `]W`Yb`6UVhYWž  
gY]bY`fY[ ]cbU`Yb`K`i fnY`b`ni `gh`f`\_Yb`i bX`]bbcj Uh]j Y`@0gi b[ Yb`ni  
Ybhk ]W`\_Y`b"

5VgW`Y]Y`»YbX`]gh`X]Y`9f0Zbi b[ `XYg`: f]YXf]W`g\UZYbYf`GhUbXcfhYg  
b]W`h`bi f`Y]b`: cfhgW`f]h`Z0f`6UVhYWgY`Vghž`gcbXYfb`Ui W`Y]b  
d cg]h]j Yg`NY]W`Yb`Z0f`X]Y`0fh]W`Y`K ]fhgW`UZh`i bX`X]Y  
b`bcj Uh]cbg`fUZh]b`XYf`FY[ ]cb`6cXYbgYY"##?Ymk cfXg.`6UVhYWž

: f]YXf]W\g\UZYbž'GcZrk UfYYbhk ]W\_`i b[ ž'E i U`]hÅhga UbU[ Ya Ybhž  
@i Zh'i bX'FUi a ZU\fhž' bbcj Uh]cbg\_fUZhž']bhY[ f]YfhY  
A UbU[ Ya YbhgmghYa Y"

· · B 5;

8YhU]`g

6Ygi W\Yb'G]Y'i bg'Ui Z.'b!U[ "XY