

9fZØ``Yb 'dZ'Ub n`]WY Y '8 ]ÀhYb 'XYb  
Dfc hY ]bVYXUfZ3

9g'[ ]Vh'\_Yb 'ghf]hh][ YfYg 'H\ Ya U']b 'XYf '8 ]g\_i gg]cb 'ØVYf  
dZ'Ub n`]WY Y '9fbÀ\ fi b[ 'U'g 'X]Y 'Dfc hY ]bXYVUhY" 'G\_Ydh]\_Yf  
\]bhYfZfU[ Yb 'X]Y 'E i U']hÀh'i bX 'E i Ubh]hÀh'j cb 'Dfc hY ]bYb 'Ui g  
dZ'Ub n`]WY Yb '@VYVbga ]hhY'b 'i bX 'cV 'g]Y 'XYb 'Dfc hY ]bVYXUfZ  
XYf 'A YbgWYb 'c\ bY 'k Y]hYfYg 'XYW\_Yb" 'b 'X]YgYa '5fh]\_Y'  
ØVYfdfØZYb 'k ]f 'X]Y '6Yk Y]gY 'XUZØfž'cV 'XYf 'Dfc hY ]bVYXUfZ  
Xi fW 'dZ'Ub n`]WY Y '9fbÀ\ fi b[ '[ YXYW\_h'k ]fXž'XUa ]h'HfU]bYf  
i bX '5b[ Y\ Øf][ Y 'XYf'; Ygi bX\ Y]hgVYfi ZY 'U''Y : fU[ Yb ']\ fYf  
?i bXYb ''Y]WY h'VYUbhk cfhYb '\_ØbbYb" '8 Ug'k ]WY h][ ghY  
ni Yfgb' Ua d/\_ , & \$/K Ug'Y]bY 'dZ'Ub n`]WY Y '9fbÀ\ fi b[ 'gh  
i bX 'k Ug'b]WY h'DZ'Ub n`]WY Y '9fbÀ\ fi b[ 'k ]fX 'cZh'a ]h  
J Y[ Ub]ga i g'[ 'Y]WY [ YgYhnhž'UVYf 'hY WY b]gWY [ YgY\ Yb 'g]bX 'g]Y  
b]WY h'XUggY'VY" '8 ]Y '8 YZ]b]h]cb 'j cb 'U'dZ'Ub n`]WY Y '9fbÀ\ fi b[  
j Uf]]Yfh" '9]b][ Y 'dZ'Ub n`]WY '8 ]ÀhYb 'U''Y / Ua d\Y'']d/



9g'[ ]Vh'\_Yb 'ghf]hh][ YfYg 'H\ Ya U']b 'XYf '8 ]g\_i gg]cb 'ØVYf 'dZ'Ub n`]WY  
9fbÀ\ fi b[ 'U'g 'X]Y 'Dfc hY ]bXYVUhY" 'G\_Ydh]\_Yf '\]bhYfZfU[ Yb 'X]Y  
E i U']hÀh'i bX 'E i Ubh]hÀh'j cb 'Dfc hY ]bYb 'Ui g 'dZ'Ub n`]WY b

@VVYbga ]hhY`b`i bX`cV`g]Y`XYb`DfchY]bVYXUfZXYf`A YbgWYb`c\`bY  
k Y]hYfYg`XYW\_Yb"

=`X]YgYa`5fh]\_Y`OVYfdfØZYb`k ]f`X]Y`6Yk Y]gY`XUZØfž`cV`XYf  
DfchY]bVYXUfZXi fW`dZUbn`]WY`9fbÀ\fi b[ ` [ YXYW\_h`k ]fxž`XUa ]h  
HfU]bYf`i bX`5b[ Y\Øf][ Y`XYf`; Ygi bX\Y]hgVYfi ZY`U`Y`fU[ Yb`]\fYf  
?i bXYb`Y]WWh`VYUbhk cfhYb`\_ØbbYb"

8 Ug`k ]WWh][ ghY`ni Yfgh

K`Ug`Y]bY`dZUbn`]WY`9fbÀ\fi b[ `]gh`i bX`k`Ug  
b]WWh

DZUbn`]WY`9fbÀ\fi b[ `k ]fx`cZh`a ]h`J Y[ Ub]ga i g`[ `Y]WWh`YgYhnhž  
UVYf`hYWWh`gWWh`[ YgY\Yb`g]bX`g]Y`b]WWh`XUggY`VY"

8]Y`8YZ]b]h]cb`j`cb`U`dZUbn`]WY`9fbÀ\fi b[ `j`Uf]Yfh`9]b][ Y  
dZUbn`]WY`8]ÀhYb`U`Y`h]Yf]gWWh`Yb`DfcXi`\_hY`Ui`ggWWh`Y»`Ybž  
k`À\`fYbX`5b`XYfY`G]Y`Yf\U`hYb`Y]bYb`Yf\YV`]WYb`HY`]\fYf  
B`À\`fghcZZY`Ui`g`; Ya ØgYž`C`Vghž`; YhfY]XY`i`bX`<\`gYbZfØWWh`Ybž  
k`À\`fYbX`g]Y`[ Y`Y`[ Ybh`]WWh`Y]b][ Y`h]Yf]gWWh`Y`DfcXi`\_hY  
\_cbgi a`]YfYb`"

6Y]`J`Y[ Ub]ga i g`[ Y\h`Yg`b]WWh`bi f`XUfi a ž`@VVYbga ]hhY`ni`YggYbž  
X]Y`j`cb`H]YfYb`ghUa a`Yb`U`g`cfgWWh`Yf]b`j`YfØZZYbh`]WWh`Ygg]WWh  
;`fYYbYVUi a`[ b`9ggYbž`?i`hi`f`/`;`YgY`gWWh`UZhC`V`k`c\`J`Y[ Ub`Yf  
Y]bY`J`Y`nU\`i`b`hYfgWWh`YX`]WYf`B`cfa`Yb`i`bX`K`YfhY`j`YfhfYhYbž`]gh  
X]Y`Ù`Ybh]Zn]Yfi b[ `U`g`J`Y[ Ub`Yf`Y]bY`ØZZYbh`]WY`9f`\_À`fi b[ `XYf  
Y]`[ Yb`Yb`Ù`Ybh]hÀhž`A`cfU`i`bX`XYg`Y][ Yb`Yb`@VVYb`ggh`g"  
J`Y[ Ub]ga i g`]gh`a`Y\`f`U`g`8]Àh`9g`]gh`Y]bY`D\`]`cgcd\`Y`i`bX`9h\`\_`  
J`Y[ YhUf]ga i g`]gh`Y]b`X]Àh`Yh]gWWh`Yf`6Y[ f]ZZ`XYf`g]WWh`Ui`Z`Y]bY`8]Àh  
VYn]Y\hž`VY`]XYf`;`Y]gWWh`j`cb`XYf`8]Àh`Ui`g`[ YgWWh`cggYb`]ghž`UVYf  
Y]b][ Y`A`]WWh`dfcXi`\_hY`cXYf`9]Yf`Ybh`U`hYb`gY]b`\_ØbbYb`8U  
j`Y[ YhUf]gWWh`Y`9fbÀ\fi b[ g`[ Yk`c\`b\`Y]hYb`]b`6Yni`[ `Ui`Z`9]b!`i`bX  
5i`ggWWh`ØggY`j`cb`B`U\`fi b[ ga`]hhY`b`j`Uf]YfYbž`[ ]Vh`Yg`gc`WWh`Y`  
=b\_cbg]ghYb`nYb`]b`Ghi`X]Yb`X]Y`X]Y`[ Ygi`bX\Y]h`]WWh`Yb  
5i`gk`f\_i`b[ Yb`j`Y[ YhUf]gWWh`Yf`9fbÀ\fi b[ `VYk`YfhYb`"

? i fn`[ YgU[ hžA YbgWX YbzX]Y`g]WX `dZUbñ]WX .YfbÀ\ fYbz\_ÒbbYb  
g]WX .U`g`J Y[ UbYf`cXYf`J Y[ YhUf]Yf`]XYbh]Zñ]YfYb`cXYf`g]WX .Ui WX  
b]WX h`a ]h`\bYb`]XYbh]Zñ]YfYb`"

8 ]YgYf`5fh]Y`\_cbnYbhf]Yfh`g]WX .Ui Z`X]Y`8YZ]b]h`cb`dZUbñ]WX Yf  
9fbÀ\ fi b[ ž`VY]`XYf`U``Y`h]Yf]gWX Yb`@YVYbga ]hhY`Ui g[ YgWX`cggyb  
g]bXž`i a`ni`i bhYfgi WX Ybž`k Ug`X]Y`cfgWX`i b[ `]bg]WX h`]WX XYf  
A Ò[ `]WX \_Y]h`nY][ hž`XYb`DfchY]bVYXufZ`Xi fWX`dZUbñ]WX Y  
@YVYbga ]hhY`ni`XYW\_Yb`"

## K Ug`g]bX`Dfc`hY]bY3

DfchY]bY`g]bX`fc»Y`A c`Y`Ø`Yž`X]Y`g]WX`]b` ; fÒ»Yž`Ghfi \_hi f`i bX  
: i b\_h]cb`Yf\YV`]WX`i bhhYfgWX Y]XYb`G]Y`VYghY\Yb`Ui g`\_`Y]bYb  
?ca dcbYbhYbzX]Y`5a ]bcgÀi fYb`[ YbUbh`k YfXYb`I bgYf`?ÒfdYf  
\_Ubb`Y]b][ Y`5a ]bcgÀi fYb`Ui g`UbXYfYb`6YghUbXhY]Yb`\YfghY`Ybž  
UbXYf`a ØggYb`YXcWX`ØVYf`X]Y`B U\fi b[ `Ui Z[Ybca a`Yb`k YfXYb`  
8]Y`5a ]bcgÀi fYbzX]Y`i bgYf`?ÒfdYf`b]WX h`\YfghY`Yb`\_Ubbž  
k YfXYb`YggYbh]Y`Y`5a ]bcgÀi fYb`[ YbUbh`

9g`[ ]Vh`bYi`b`YggYbh]Y`Y`5a ]bcgÀi`fYb`bÀa`]WX`<]gh]X]bž  
=gc`Yi`Wbž`@Yi`Wbž`@mg]bž`A`Yh`]cb]bž`D\Ybm`U`Ub]bž`H`fYcb]bž  
Hfmdhcd\Ub`i`bX`J`U`]b`8]Y`5a ]bcgÀi`fYbzX]Y`Ù`f`?ÒfdYf  
`YfghY`Yb`\_Ubbž`k`YfXYb`U`g`b]WX h`YggYbh]Y`Y`5a ]bcgÀi`fYb  
VYnY]WX`bYh`

5a ]bcgÀi`fYb`g]bX`k]WX h`[ `ni`j`YfghY\Ybž`k`Y]`g]Y`XYf` ; fi`bX`g]bXž  
k`Ufi`a`gc`j`]Y`XufØVYf`X]g\_i`h]Yfh`k`]fxž`cV`dZUbñ]WX Y`9fbÀ\ fi`b[  
XYb`DfchY]bVYXufZ`XYW\_h`

9]b][ Y`5a ]bcgÀi`fYb`\_ÒbbYb`bcfa`U`Yfk`Y]gY`j`ca`?ÒfdYf`Ui`g  
UbXYfYb`6YghUbXhY]Yb`\Yf`YghY`h`k`YfXYbž`Ui`»`Yf`k`Ybb`XYf  
?ÒfdYf`Y]bYf`DYfgcb`YI`hfYa`Ya`GhfYgg`Ui`g[ YgYhnh`]gh`cXYf`Y]bY  
?fUb\_\Yh`\Uh`8]YgY`bYbbh`a`Ub`VYX]b[ hY`5a ]bcgÀi`fYbz`i`bX  
g]Y`i`a`ZUggYb`5f`[ `]b`]bž`7mghY]bž`i`hJa`]bž`Hmf`cg]bž`m`M]bž  
C`fb`]h`]bž`Dfc`]b`i`bX`GYf]b`"

Gck c\ ``YggYbh]Y``Y`U`g`Ui `W`b]W h`YggYbh]Y``Y`5a ]bcgAi fYb`V]`XYb  
ni gUa a Yb`i b`hYfgW]YX`]W Y`A i ghYf`i bX`Dfcdfh]cbYb`**Dfc hY**]b Y  
8]YgY`\UVYb`Y]bY`FY]Y`k]W h[ Yf`i b\_h]cbYb`]a`a YbgW`]W Yb  
?OfdYf`G]Y`VYghY`Yb`Ui g`5bh]OfdYfbz`9bnma Yb`6chYbdfchY]b Yb  
k]Y`<dfa cbYb`Ghfi \_hi f\_ca dcbybhYb`gck]Y`HfUbgdcfh`i bX  
GdY]W Yf\_ca dcbybhYb`"

9]b`A Ub[ Y``Ub`Y]bYf`5a ]bcgAi fYz]bgVYgcbXYfY`Y]bYf  
YggYbh]Y``Yb`5a ]bcgAi fYz`\_Ubb`g]W XU\Yf`bUW hY]`][`Ui Z`A fY  
U``[ Ya`Y]bY` ; Ygi bX\Y]h`Ui gk`f\_Yb`" `b`X]YgYa`G]bbY`]gh`Yg  
i bUV\Ab[ `j`cb`A fY`9fbA\fi`b[gj`Yf`U`hYb`k]W h[ z`b]W h`bi`f  
Y]b`Ub[ Ya`YggYbYg` ; `Y]W [ Yk]W h`XYf`5a ]bcgAi fYb`Xi`fW`X]Y  
9fbA\fi`b[ `ni`YffY]W Yb`gcbXYfb`Ui`W`g]W Yfni`ghY``Yb`XUgg`A f  
?OfdYf`g]Y`Ub[ Ya`YggYb`Ui`Zb]a`a`hi`bX`bi`hh`"

K`]Y`j`]Y`Dfc hY]b`VfUi`W`Yb`k`]f3`

Dfc hY]bY`g]bX`B`A`fghcZZYz`X]Y`]b`XYf`a`YbgW`]W`Yb`9fbA\fi`b[  
fY]W`]W`VYbOh[ h`k`YfXYb`K`]Y`j`]Y``[ Yb`Ui`A`b[ h`j`cb`Y]bYf`FY]`Y  
j`cb` : U`hcfYb`UVz`i`bX`X]Y`a`Y]ghYb`Dfc hY]bf]W h`]b]Yb`k`YfXYb`j`cb`  
: UW`Yi`hYb`Ui`g`j`YfgW]YXYbYb`6fUbW`Yb`]b` : fU[Y`[ YghY``h`i`bX`]b`  
: fU[Y`[ YghY``h`"

<]Yf`]gh`Y]bY`Ni`gUa`a`YbZUggi`b[`XYf`9a`dZY\`i`b[`Yb`.

8Ug`**9a`dZc\`YbY`HU[ YgXcg]g`Dfc hY]b`Z`f`A`AbbYf`i`bX` : fUi`Yb`  
VYhfA[h\$z` ; fUa`a`Dfc hY]b`dfc`\_[`?OfdYf[ Yk]W h`K`Ybb`A`f`  
?i`bXY`U`gc`+\$`\_[`k`]Y[ h`gc`hY`Yf`i`b[ YZA\`f`)\*` ; fUa`a`Dfc hY]b`  
dfc`HU[ `j`YfVfUi`W`Yb`"8]Y`5\_UXYa`]Y`Z`f`9fbA\fi`b[`i`bX`8]A`hYh`\_`  
\YVh\Yfj`cfz`XUgg`Gdcfh`Yf`]a`5`[`Ya`Y]bYb`a`Y\`f`Dfc hY]b`  
VYbOh[`Yb`U`g`B]W h`Gdcfh`Yfz`k`Y`g]Y`Y]bYb`\\O\YfYb`  
5a`]bcgAi`fYi`a`gUh\UVYb`"8Ug`**9a`dZY\`i`b[`XYf`5\_UXYa`]Y`  
ni`f`Dfc hY]b`Ui`Zb`U\`a`Y` : Øf`Gdcfh`Yf`]Y[ h`XYf`K`Yfh`nk`]gW`Yb`%ž&  
i`bX`&ž` ; fUa`a`Dfc hY]b`dfc`?`c`[ fUa`a`i`bX`HU[`  
**>Øb[`ghY`9f`Ybbhb]ggY`nY][`Yb`XUgg`X]Y`Ya`dZc\`YbY`HU[`YgXcg]g`  
Z`f`X]Y`Dfc hY]b`Ui`Zb`U\`a`Y`ni`b]YXf`[`ghž`i`a`Y]b`[`Ygi`bXYg`  
Gh]W`ghcZZ[`Y]W`[`Yk]W h`Ui`ZfYW`hni`Yf`U`hYb`Z`XU`Y]b` : fc»`hY`XYg`  
j`cb`i`bg`\_cbgi`a`]YfhYb`Dfc hY]bg`b]W h`YZZ]n]Ybh`[`Ybi`hnh`k`]fx`"******

DfchY]bVYXUfZ'ZØf'A YbgWX Ybz'X]Y'\_fUb\_`g]bX'g]bX'a a Yf'bcWX  
Y]b'gY\ f'i a ghf]hhYbYg'H\ Ya U''8]YgYf'6Yk Y]g'k Y]gh'Ui Z'Y]b  
A ]b]a i a 'j cb '\$ž-'`V]g'%ž&'; fUa a 'DfchY]b'dfc'?']c[ fUa a '\]b"  
GcZYfb 'Y]bY'DYfgcb '\_Y]bYb'; Ygi bX\Y]hgni ghUbX'\Uhž'XYf'X]Y  
@YVYf! 'cXYf'B]YfYbZ b\_h]cb 'VYY]bhfÀWX h][ hž]gh'XYf'DfchY]b\_cbgia  
fl !) !ZUWX Y'XYf'Ya dZc\`YbYb'HU[ YgXcg]gE'\cWX 'U``[ Ya Y]b'U`g  
g]WX Yf'Ub[ YgY\Yb"

K Ybb'k ]f'b]WX h[ Ybi [ 'DfchY]b'VY\_ca a Ybz'\_ObbYb'k ]f'Y]bYb  
DfchY]ba Ub[ Y``Ybhk ]W\_Y`bz'XYf'Ui Zj YfgWX ]YXYbY'5fhYb'Ui ZhfYhYb  
\_Ubb" <]Yf'\_ObbYb'G]Y'a Y\ f'ØVYf'X]Y'Gma dhca Y'j cb  
DfchY]ba Ub[ Y``YgYb"

Ni gUa a YbZUggYbX'gc``hY'j Yfgi WX h'k YfXYb'z'a ]bXYghYbg'\$ž  
; fUa a 'DfchY]b'dfc'?']c[ fUa a 'Ui g'j YfgWX ]YXYbYb'E i Y``Yb'ni  
VYn]Y\Yb" K Ybb'G]Y'g]WX 'dZUbn`WX 'YfbÀ\fYb'z'a ØggYb'G]Y  
ni gÀhn`WX Y', VYf'Y[ i b[ Yb'ni f'FYXi n]Yfi b[ 'j cb'5bh]bÀ\fghcZZYb  
i bX'ni f?ca V]bUh]cb'j cb '@YVYbga ]hhY'b'a ]h\_ca d`Ya YbhÀfYb  
5a ]bcgÀi fYdfcZ`Yb'UbghY``Yb" '6Y]XY'k YfXYb']a : c'[ YbXYb  
Ui gZØ\f']WX 'Yf'Ài hYfh"

DZ`UbnYbdfc hY]bY'j g" 'H]Yfdfc hY]bY

J ]Y``Y'9I dYfhYb'Uf[ i a Ybh]YfYb'z'XUgg'Y]b'DfchY]b'Y]b'DfchY]b'']ghž  
i bUV\Àb[ ][ XUj cb'z'cV'Yg'j cb'DZUbnYb'cXYf'H]YfYb'ghUa a h''5i g  
Y]bYf'DYfgdY\_h]j Y']gh'X]Yg'k U\f''5``Y'DfchY]bY'VYghY\Yb'Ui g  
5a ]bcgÀi fYb'z'i bX'gcVU'X'g]Y'UVgcfV]Yfh'i bX'ZØf'X]Y'J Yfk YbXi b[  
]b'i bgYfYa '?ØfdYf'`Y]WX h'j YfZØ[ VUf'g]bX'z'\_Ubb'g]Y'b]WX h'gU[ Yb'z  
cV'g]Y'Ui g'dZUbn`WX Yb'cXYf'h]Yf]gWX Yb '@YVYbga ]hhY'b'ghUa a Yb"

9g'[ ]Vh'YXcWX'Y]b][ Y'8]b[ Y'ni 'VYUWX hYb'z'X]Y'X]Y'J c``ghÀbX][ \_Y]h  
i bX'6]cj YfZØ[ VUf'\_Y]h'XYf'DfchY]bY']b'ÀfYf' [ YgUa hYb'9fbÀ\f b[  
i bX'b]WX h']b'Y]b'nY'bYb '@YVYbga ]hhY'b'VYhfYZZYb"

8]Y'\_ca d`YhhY'DfchY]bXYVUhY

8Yf'6Y[ f]ZZ' j c``ghÀbX][ Yg'DfchY]b'k ]fX'U``[ Ya Y]b'j Yfk YbXYhž  
i a 'BU\f b[ gei Y``Yb'ni 'VYgWX fY]VYb'z'X]Y'U``Y'YggYbh]Y``Yb

5a ]bcgÀi fYb 'Ybh\ U`hYb" '5``Y : `Y]gW\ gc fhY bž'9]Yf i bX  
A ]`W\ dfcXi \_hY 'g]bX 'E i Y``Yb 'ZØf' j c ``ghÀbX][ Y 'DfchY]bY"  
8 Yb 'a Y]ghYb 'dZUbn`]W\ Yb 'DfchY]bei Y``Yb 'ZY\ Yb 'g][ b]Z\_Ub hY

A Yb[ Yb 'Y]bYf 'cXYf 'a Y\ fYfYf '5a ]bcgÀi fYb" 'Nk Y] 'HUhgUW\ Yb  
[ Y`hYb 'YXcW\ .

J YfgW\ ]YXYbY 'dZUbn`]W\ Y 'DfchY]bei Y``Yb 'Yf[ AbnYbž'8 Ug'A ]gW\ Yb  
dZUbn`]W\ Yf 'DfchY]bei Y``Yb '\_Ubb 'XU\ Yf 'Y]b 'cdh]a U'Yg  
; `Y]W\ [ Yk ]W\ hXYf '5a ]bcgÀi fYb '[ Yk À\ f'Y]ghYb" '8i 'a i ggh'b]W\ h  
YggYb '\_ca d`Ya YbhÀfY 'DfchY]bei Y``Yb ']b 'XYf '[ `Y]W\ Yb  
A U\ `nY]h' K Ybb 'G]Y 'Δ fYb 'F Y]g 'ni 'Y]bYf 'A U\ `nY]h' i bX 'Δ fY '6c\ bYb  
ni 'Y]bYf 'UbXYfYb 'YggYb 'a ØW\ hY bž'g]bX 'G]Y '[ i h' Gc 'Ub [ Y 'G]Y 'XYb  
[ UbnYb 'HU[ 'ØVYf 'i bX ']b 'Δ fYf '9fbÀ\ fi b[ 'a '5``[ Ya Y]bYb 'Y]bY  
J ]Y`nU\ 'j cb ? ØfbYfbž' < Ø`gYb ZfØW\ hY bž' B ØggYb 'i bX 'GUa Yb 'YggYbž  
\_ØbbYb 'G]Y 'U``Y '5a ]bcgÀi fYb 'Yf\ U`hYbž'X]Y 'Δ f ? ØfdYf 'VYb Øh][ h'

9g'[ ]Vh'Ui W\ 'dZUbn`]W\ Y '@VVYbga ]hhY 'ž'X]Y 'U``Y 'YggYb h]Y ``Yb  
5a ]bcgÀi fYb ']b 'i b hY fgW\ ]YX`]W\ Yb 'A Yb[ Yb 'Ybh\ U`hYb" '8 Uni  
[ Y\ ØfYb 'i b hY f 'UbXYfYa '6'Ui U'[ Ybž'E i ]bcUž'Gc 'UVc \bYb 'i bX  
6i W\ k Y]nYb"

## 6]cj YfZØ[ VUf\_Y]h'j cb 'B À\ fghc ZZY b '

9]b 'k Y]hYfYg 'DfcV 'Ya ž'VY] 'XYa 'Yg 'XUfi a '[ Y\ hž'XUg '[ YgUa hY  
DfchY]b 'Ui g 'dZUbn`]W\ Yb 'E i Y``Yb 'ni 'VYn]Y\ Ybž' ]gh 'XUg 'DfcV 'Ya  
j cb '5 b h]bÀ\ fghc ZZY ']b 'Δ fYf 'B U\ fi b[ " '5 b h]bÀ\ fghc ZZY 'g]bX  
6YghUbXhY] 'Y ]b '@VVYbga ]hhY 'bž'X]Y 'Ybhk YXYf 'X]Y '5i ZbU\ a Y 'j cb  
B À\ fghc ZZY b 'V 'c W\ ]YfYb 'cXYf 'g]Y 'ZØf 'X]Y 'J Yfk YbXi b[ 'a '? ØfdYf  
k Yb][ Yf 'j YfZØ[ VUf 'a UW\ Yb"

9]b ][ Y 'X]YgYf '5 b h]bÀ\ fghc ZZY ž'bÀa ' ]W\ 'DfchY UgY]b\ ]V]hc fYb 'i bX  
HUbb ]bYž'VYY]bZi ggYb 'X]Y 'DfchY]b UVgcfdh]cb 'i bX 'g]bX ' ]b  
dfchY]b fY]W\ Yb 'dZUbn`]W\ Yb '@VVYbga ]hhY 'b ``Y]W\ h'ni 'Z]b XYb"

DfchY UgY]b\ ]V]hc fYb Ni a '6Y]gd]Y ``g]bX 'g]Y ' ]b ; YhfY]XYž  
< Ø`gYb ZfØW\ hYb 'i bX 'GUa Yb 'Ybh\ U`hYbž'X]Y 'U``Y  
< Ui dhdfchY]bei Y``Yb 'ZØf 'A YbgW\ Yb 'g]bXž'X]Y 'g]W\ 'dZUbn`]W\

YfbÀ\ fYb"·8 ]YgY ·\_ÒbbYb ·YXcWX ·Xi fWX ·9]bk Y]WX Ybž? cWX Yb ·i bX  
? Y]a Yb ·Yf\YY`]WX ·fYX i n]Yfh\k YfXYb"·8 U·6c\ bYb ·bcfa U\Yfk Y]gY  
j cf\XYa ·J YfnY\ f\Y]b[ Yk Y]WX h\i bX [ Y\_cWX h\k YfXYbžk YfXYb ·X]Y  
DfchY]bY ·j ]Y\`V]cj YfZØ[ VUfYfž\ VYj cf\g]Y ·Ui Z\A fYb ·HY\`Yf [ Y\Ub [ Yb  
G]Y ·\_ÒbbYb ·X]Y DfchY]bj YfZØ[ VUF\_Y]h\Ui WX ·UVg]WX h]WX ·Yf\ Ø\Ybž  
]bXYa ·G]Y ·@VVYbga ]hhY\`k ]Y ·9fVgYb ·gdF]Y» Yb ·UggYbž\ VYj cf\G]Y  
g]Y ·]b ·@VVYbga ]hhY\`b ·j Yfk YbXYb ·

**HUbb]b Yž\ X]Y ·]b ·? UZZYYž\ HYYž\ GWX c\_c\ UX Yž; YfghY ·i bX ·Xi b\_\`Yb  
: fØWX h\Yb ·Ybh\ U\h\Yb ·g]bXž\ UVYb ·Ui Z[ fi bX ]\fYf\Ub h]cl ]XUhjj Yb  
5\_\hjj ]h\h\j ]Y\Y ·[ Ygi bX\Y]h]WX Y ·J cfhY]Yž ·\_ÒbbYb ·UVYf\Ui WX ·X]Y  
DfchY]bUVgcfdh]cb ·Y]bgWX f\Ab \_Yb"·9]b][ Y\HUbb]bY ·g]bX ·j cfhY] ·\UZhž  
UVYf\ VY] ·6YXUfZ ·\_ÒbbYb ·g]Y ·Xi fWX ·9]bk Y]WX Yb ·i bX ·? cWX Yb  
fYX i n]Yfh\k YfXYb ·**

< ]Yf ·\_ÒbbYb ·G]Y ·a Y\ f\ ØVYf\ 5bh]bÀ\ fghc ZZY ·YfZU\ fYb ·

J cfhY] ·Y ·XYf ·; Yk ]bb i b[ ·\A fYg ·DfchY]bg ·Ui g  
dZ\Ub n`]WX Yb ·8 ]ÀhYb

DZUbn`]WX Y ·9fbÀ\ fi b[ ·k i fXY ·]b ·XYb ·YhnhYb ·\fnY\ b\h\Yb ·[ i h  
i b\h\Yfgi WX hž\ i a ·] \fY ·5i gk ]f\_i b[ Yb ·Ui Z\X]Y ·; Ygi bX\Y]h\ VYggYf\ ni  
j YfghY\ Yb"·A Y\ fYfY ·[ i h\Xi fWX XUWX h\Y\ Ghi X]Yb ·\ UVYb ·[ YnY][ hž  
XUgg\ dZUbn`]WX Y ·8 ]ÀhYbž]bgVYgcbXYfY ·gc ·WX Yž\ X]Y ·h]Yf]gWX Y  
@VVYbga ]hhY\`Ui ggWX ·]Y» Ybž\ XUni ·VY]hfU[ Yb ·**XUg\ F ]g** ·c  
**fYX i n]YfYb** ·j cb ·j YfgWX ·]YXYbYb ·; cfa Yb ·j cb ·< Yfn\_fUb\_\Y]h\Ybž  
8 ]UVYh\Yg ·i bX ·? fYVg ·Xi fWX ·? cbhfc\`Y ·j cb ·F ]g]\_c ZU\ hc fYb ·k ]Y  
6 ·i hXfi W\_ ·i bX ·6 ·i hni W\Yf ·

K Ybb ·k ]f\i bg\gdYn]Y\`Ui Z\X]Y ·DfchY]bei Y\`Yb ·]b ·j YfgWX ·]YXYbYb  
9fbÀ\ fi b[ g[ Yk c\ b\Y]h\Yb ·\_cbnYbhf]YfYbž ·k Y ·k Y]gYb ·XY  
**Ghi X]Yb** ·\ UVYb ·nY][ h\Y\ Y]bY ·g][ b]Z]\_Ub h\Y ·5ggc n]Uh]cb  
nk ]gWX Yb ·h]Yf]gWX Yf ·DfchY]bUi ZbU\ a Y ·i bX ·A c fhU ·h\hgf]g]\_c ·Xi fWX  
? fYVgž\ UfX]cj Ug\_i ·ÀfY ·9fY][ b]ggY ·i bX ·Ub XYfY ·? fUb\_\Y]h\Yb ·  
Ni g\h\hn`]WX ž: **cfgWX i b[ ·nY][ h\XUgg\ Y]bY ·J Yff]b[ Yfi b[ ·XYg**  
h]Yf]gWX Yb ·DfchY]bg ·i bX ·XUg ·9fgYh\Yb ·X]YgYg ·DfchY]bg ·Xi fWX  
bÀ\ fghc ZfY]WX Y ·dZUbn`]WX Y ·E i Y\`Yb ·ni ·Y]bYf ·[ Yf]b[ YfYb ·b\h\Yb  
j cb ·\_cfcbUfYb ·< YfnYf\_fUb\_i b[ Yb ·ZØ\ fh ·

9a dZY\`i b[ Yb 'ZØf '7cUWX Yg 'F Y. 'DZUb n`]WX Y  
9fbÀ\ fi b[

J YfghY\ Yb 'G]Y 'X]Y '9fbÀ\ fi b[ g[ Yk c\ b\ Y]hYb 'A fYf  
? i bXYb

K Ybb 'G]Y 'a ]h'Y]bYa ' ? i bXYb 'UfVY]hYbža ØWX hYb 'G]Y 'j ]Y ``Y]WX h  
ZFU[ Ybžk Ug ']\b 'XUni 'a chjj ]Yfhžgc 'ni 'YggYbžk ]Y 'Yf 'Yg 'hi h''

9]b][ Y'A YbgWX Yb 'YfbÀ\ fYb 'g]WX 'a Ø[ ']WX Yfk Y]gY 'bi f 'Ui g  
[ Ygi bX\ Y]h']WX Yb ' ; fØbXYb 'dZUb n`]WX žk À\ fYbX 'UbXYfY 'h]Yf]gWX Yg  
9]k Y]» 'Ui Z[ fi bX ']\fYf 'gd]f]hi Y ``Yb 'DfU\_h]\_Ybž]\fYf 'F Y`][ ]cb 'cXYf  
]\fYf 'XYc 'c [ ]Y 'Ui ggWX ']Y » Yb " '9fghYfYg '\_Ubb ']\b 'CfXbi b[ 'gY]bžUV  
i bX 'ni 'h]Yf]gWX Yg '9]k Y]» 'ni 'YggYbžk À\ fYbX ``YhnhYfYg  
k U\fgWX Y]b ']\WX 'b]Y 'Y]bY '5i gbU\ a Y 'j ca 'J YfnY\ f 'j cb 'h]Yf]gWX Ya  
9]k Y]» 'a UWX Yb 'k ]fX " '

9]bY 'k Y]hYfY 'k ]WX h][ Y 'GUWX Yž'X]Y 'VY] 'XYf 'Ni gUa a YbUfVY]h'a ]h  
? i bXYb 'VYfØW\_g]WX h][ h'k YfXYb 'a i ggži a 'X]Y 'A Ø[ ']WX \_Y]h'Y]bYf  
dZUb n`]WX Yb '9fbÀ\ fi b[ 'ni 'VYk YfhYbž]gh'X]Y 'XYb h]Zn]Yfi b[  
\_i 'hi fY ``fY 'Yj UbhYfž'gWX a UW\_\ UZhYfž'bÀ\ fghcZZfY]WX Yf 'i bX  
\_cghYb[ Øbgh][ Yf '@VVYbga ]hhY " '

K Ybb 'G]Y 'X]Y '8Yb\_k Y]gY ']\b '6Yni [ 'Ui Z'U\_hi Y ``Y 'i bX '[ Yk ØbgWX hY  
@VVYbga ]hhY 'Ui gk U\ ``j YfghY\ Ybž '\_ØbbYb 'G]Y '@]ZYghm'Y!  
9a dZY\`i b[ Yb 'Ui ZX]Y '6YXØfZb]ggY 'A fYf '? i bXYb 'UVgh]a a Yb " '

A Y\ f 'XUni 'YfZU\ fYb 'G]Y ']\b 'Zc '[ YbXYb '5fh]\_Y `b .

J c fg]WX h'j cf 'i 'hfU!j YfUfVY]hY hYb 'dZUb n`]WX Yb  
@VVYbga ]hhY `b

B i f 'k Y] ``Y]b '@VVYbga ]hhY 'dZUb n`]WX ']\ghž 'Y]» h'XUg 'b]WX hž'XUg 'Yg  
bÀ\ fghcZZfY]WX ']\gh" '

DZUb n`]WX Y ']\ghž 'Y]gWX YfgUhndfcXi \_hY 'k YfXYb 'j Yfa Uf\_hY hž'XUa ]h'X]Y  
J YfVfUi WX Yf ']\ghž 'Y]gY]Yb 'dfchY]bfY]WX " J ]Y 'Y 'dZUb n`]WX Y

i bX'j Y[ UbY '@VVYbga ]hhY'žX]Y'gc'[ YZcfa h'i bX'j Yfa Uf\_hYh  
k i fXYbž'XUgg'g]Y' ]\fY' h]Yf]gWYb'; Y[ YbghØW\_Y'YfgYhnYbž'k ]Y'n".'6"  
dZUbñ]WYDUGhYhWYbž'Yb hU'hYb'YXcWb]WYh'gc'j]Y'9]k Y]»ž'k ]Y  
G]Y'j]Y'Y]WYh'XYb\_Yb"K Ybb'G]Y'Y]b'dZUbñ]WYg  
: 'Y]gWYdUghYhWYb'a ]h'Y]bYa'F]bXZY]gWYdUghYhWYb'j Yf[ 'Y]WYbž  
YbhU'hYb'X]Y'dZUbñ]WYb'DUGhYhWYb'bcfa U'Yfk Y]gY'k Yb][ Yf  
9]k Y]»'i bX'j]Y'a Y\ f': Yhž'XUg'Ui g'fUZZ]b]YfhYb'DZUbñYbØ'Yb  
ghUa a h"

5bXYfY'5fhYb'j cb '@VVYbga ]hhY'bž'Ui Z'X]Y'G]Y'UWYhYb'gc'`hYbž'g]bX  
; YhfÀb\_Y'i bX'8YggYfhg"J]Y'Y'GÀZhYž' [ YgØ»hY'; YhfÀb\_Y'i bX'gØ»Y  
@VVYbga ]hhY'g]bX'dZUbñ]WYž'\_ØbbYb'UVYf'Ui WY'fY]WY'Ub  
HfUbgZYhYb'i bX'fUZZ]b]YfhYa'Ni W\_Yf'gY]b"

6YUWYhYb'G]Yž'XUgg'X]YgY '@VVYbga ]hhY'HY]`Y]bYf'Ui g[ Yk c[ YbYb  
9fbÀ\fi b[ 'i bX'j cf'U'Y'Ya'HY]'XYg'5i Z'Ui g'Y]bYf'[ Ygi bXYb  
6Yn]Y\i b[ 'ni '@VVYbga ]hhY'b'gY]b'\_ØbbYb"9g']gh'YXcWk]WYh][ ž  
g]WY'XYggYb'VYk i ggh'ni'gY]bž'k Ug'G]Y'\_cbgi a ]YfYbž'i bX'g]WY  
b]WYh'Xi fWY'\_ca a Yfn]Y'Y'BUWYf]WYhYb']ffYZØ\fYb'ni'UggYb"

: Un]h.'Gc'`hYb'G]Y'g]WY'Gcf[ Yb'a UWYbž'XUgg  
G]Y'Ui Z'dZUbñ]WYf'6Ug]g[ Ybi [ 'DfchY]b  
Yf\ U'hYb 3

8]Y'\_i fnY'5bhk cfh'Ui hYh]b'XYb'a Y]ghYb': A'`Yb'bY]b'Gc'Ub[ Y'G]Y  
g]WY'Ui g[ Yk c[ Yb'YfbÀ\fi b'9bYf[ ]YVYXUFZ'XYW\_Yb'i bX  
fY]WY'Ub'Y]bYf'J]Y'nU\`dZUbñ]WYf'DfchY]bei Y'`Yb'g]bXž'gc'`hYb  
G]Y'g]WY'\_Y]bY'Gcf[ Yb'i a'X]Y'DfchY]bUi ZbU\ a Y'a UWYb"

K Ybb'Àf'5fnh'Ub[ Y[ YVYb'\Uhž'XUgg'G]Y'Y]bYa'F]g]\_c'ZØf'Y]bYb  
DfchY]ba'Ub[ Y'`Ui g[ YgYhnh'g]bXž'Y]bYb'DfchY]bVYXUFZ'UVYbž'XYf  
Xi fWY'ÀfY'9fbÀ\fi b[ 'b]WYh'`Y]WYh'ni'XYW\_Yb']gh'cXYf'bi'f  
Y]b[ YgWYfÀb\_hYb'Ni[ Ub[ 'ni'Y]bYf'J]Y'nU\`dZUbñ]WYf  
DfchY]bei Y'`Yb'\UVYbž'\_ØbbYb'G]Y'X]Y'9]bbU\ a Y'Y]bYg  
dZUbñ]WYb'DfchY]bg]b'6YhfUWYh'n]Y\Yb'9f[ Abni b[ ž'i a  
g]WYfni ghY'`Ybž'XUgg'G]Y'ÀfYb'DfchY]bVYXUFZ'XYW\_Yb"K Ybb'G]Y  
Y]bY'9f[ Abni b[ 'ZØf'G]Y'cXYf'ÀfYb'?i bXYb']b'6YhfUWYh'n]Y\Ybž

‘YgYb’G]Y i bgYfYb @Y]hZXYYb ni a J Yf[ ‘Y]W j cb’nY\ b’dZUb[n`]W Yb  
DfchY]bYf[ Abni b[ Yb”

<Ui d h! =a V]ggVi XYb

<]Yf’g]bX’X]Y’k ]W h][ ghYb’B UW f]W hYb’X]YgYg’5fh]\_Y`g.”

8 Yf’DfchY]bVYXUfZ’VY]’[ Ygi bXYb’A YbgW Yb’\_Ubb’Xi fW  
dZUb[n`]W Y’9fbÀ\ fi b[ ’[ YXYW\_h’k YfXYbž’k Ybb’g]Y’[ YbØ[ YbX  
j YfgW ]YXYbY’dZUb[n`]W Y’DfchY]bei Y’Yb’ni ’g]W bY\ a Yb”’8 ]Y  
E i U’]hÀh’i bX’6]cj YfZØ[ VUf\_Y]h’j cb’DfchY]bYb’]b’=fYf’[ YgUa hYb  
9fbÀ\ fi b[ ’]gh’k ]W h][ Yf’U’g’X]Y’j cb’Y]bnY’bYb’@YVYbga ]hhY’b”’8 Yb  
a Y]ghYb’Y]bnY’bYb’dZUb[n`]W Yb’B U\ fi b[ gei Y’Yb’ZY\’Yb  
g][ b]Z]\_UbhY’A Yb[ Yb’j cb’a ]bXYghYbg’Y]bYf’5a ]bcgÀi fYžUVYf’g]Y  
\_ÒbbYb’XYb’[ UbnYb’HU[ ’ØVYf’’Y]W h’ a ]h’UbXYfYb  
B U\ fi b[ ga ]hhY’b’Yf[ Abnh’k YfXYb”’5bh]bÀ\ fghcZZY’\_ÒbbYb’X]Y  
DfchY]bUVgcfdh]cb’j Yff]b[ Yfb”’K Ybb’U’gc’X]Y’DfchY]bUi ZbU\ a Y  
Y]b’DfcV’Ya ’XUfghY’’hž’\_ÒbbYb’G]Y’5bh]bÀ\ fghcZZY’]b  
@YVYbga ]hhY’b’ a ]h’c\ Ya ’5bhY]’Ub’dZUb[n`]W Yb’DfchY]bYb’Xi fW  
9]bk Y]W Ybž’: Yfa Ybh]YfYbž’? Y]a Yb’i bX’? cW Yb’fYX i n]YfYb”

’a Y\ f’XUfØVYf’]a ’bÀW ghYb’HY]’”  
•gd]f]Yfh’j cb’**5 Zd UZ]hb Ygg**

8 YhU]`g

6 Ygi W Yb’G]Y i bg’Ui Z.’a Y]b!Z]hb Ygg”b Yh