

I b]j Yfg]hÅh'< c\Yb\Y]a . 'K Y`hk Y]h'i]b`Hcd  
( ž&ı ' '5 [ fUf!9I nY``Ybn'[ Yg]W\Yfh°

8]Y`I b]j Yfg]hÅh'< c\Yb\Y]a `nÅ\`h'ni`XYb`VYghYb` ( ž&ı  
k Y`hk Y]h'i bX`VY`Y[ h'Gd]hnYbd`ÅhnY`]b`5 [ fUfZc fgW\i b[ `i bX  
@YVYbgk ]ggYbgW\UZhYb"



< c\Yb\Y]a ž'8Yi hgW\`UbX`!`8]Y`I b]j Yfg]hÅh'< c\Yb\Y]a ` \Uh  
g]W\`]a `bYi Yb`7K I F`K cf`X`I b]j Yfg]hm`F Ub\_]b[ `&\$&) `Ui Z  
D`Uhn` , , %`Y]b[ Yghi Zh`'8]YgY`D`Uhn]Yfi b[ `YfZc`[ h`]a `FU\`a Yb`XYf  
6Yk Yfhi b[ `j cb`&%`(\* &`I b]j Yfg]hÅhYb`k Y`hk Y]h'žk cVY]`< c\Yb\Y]a  
ni`XYb`VYghYb` ( ž&`DfcnYbh`X]YgYf`bgh]hi h]cbYb`nÅ\`h`A ]h`Y]bYf  
; YgUa hdi b\_hnU\`j cb`+%ž( `V]YhYh`X]Y`I b]j Yfg]hÅh`Y]bYb  
\YfUi gfU[ YbXYb` , VYfV`]W\_`ØVYf`]fY` : cfgW\i b[ g!`i bX  
@Y\fei U`]hÅh"

6YgcbXYfg`\Yfj cfni \YVYb`]ghž`XUgg`XUg`7K I F`F Ub\_]b[ `Ui Z  
cV`Y\_h]j Yb`? f]hYf]Yb`VUg]Yfhi bX`bYVYb`XYf` : cfgW\i b[ g`Y]ghi b[  
Ui W`X]Y`@Y\fy`i bX`XYb`9fZc`[ `XYf`5`i a b]`VYk YfhYh`Gc`k ]fX`X]Y  
U\_UXYa ]gW\Y`9I nY``Ybn`XYf` : U\_i `hÅhYb`a ]h`%\$`DfcnYbh`[ Yk ]W\hYhž

k Å\fybX`X]Y': cfgWÅ i b[ g`Y]ghi b[ `a ]h( \$`DfcnYbh`i]b`X]Y  
; YgUa hVYk Yfhi b[ `Y]bZ]Y» h"8]Y`Gd]hnYbd`ÀhnY`VY`Y[ Yb  
fYbca a ]YfhY`I b]j Yfg]hÅhYb`k ]Y`X]Y`< Ufj UfX`I b]j Yfg]hmž`XUg  
A UggUWÅ i gYhhg` ðgh]hi hY`cZ`HYWÅ bc`c[ m`fA ðŁ`i bX`X]Y`GhUbZc`fX  
I b]j Yfg]hm"

9I nY``Yb hY`D`Uhn]Yfi b[ Yb`]b`5[ fUfZc`fgWÅ i b[

⇒a `E G`K c`f`X`I b]j Yfg]hm`F Ub\_]b[ `Vm`Gi V`Y`W`h`&`\$`&` ) `\_c`b`b`h`Y  
<c\Yb\Y]a `]b`X`Y`f`:` UWÅ f]WÅ hi b[ `5[ fUfk ]ggYbgWÅ UZhYb`Y]b`Yb  
\Yfj`c`ff`U[ Yb`X`Y`b`D`Uhn`&`]b`8`Y`i` hgWÅ`Ub`X`i` b`X`D`Uhn`&`\*`k`Y`h`k`Y`h  
Y`ff`Y]WÅ`Y`b`"8]Y`I b]j Yfg]hÅh`; Òhh]b[ Yb`b]a a h`X`Y`b`Y`f`g`h`Y`b`D`Uhn`]b  
8`Y`i` hgWÅ`Ub`X`Y]b`ž`k`Å\fybX`X]Y`HYWÅ`b]g`WÅ`Y`I b]j Yfg]hÅh`A`Ø`b`WÅ`Y`b  
X`Y`b`X`f]h`h`Y`b`D`Uhn`V`Y`Y[ h"

<c\Yb\Y]a `k`i`f`X`Y`ni`X`Y`a`U`g`X]Y`V`Y`g`h`Y` ðgh]hi h]c`b`Z`Ø`f  
U[ fUfk ]ggYbgWÅ UZh]WÅ`Y`@Y`f`Y`]a`H`c`d`U[ fUf`<c`WÅ`g`WÅ`i`f`Ub\_]b[  
U`i`g[ Y`n`Y]WÅ`b`Y`h`"8]Y`6`Y`Z`f`U[ i b[ `i`b`h`Y`f`G`h`i`X]Y`f`Y`b`X`Y`b`g]WÅ`Y`f`h`Y`X`Y`f  
I b]j Yfg]hÅh]a`8`Y`n`Y`a`V`Y`f`&`\$`&(`X`Y`b`Y`f`g`h`Y`b`D`Uhn`"⇒a`B`H`I`!`F`Ub\_]b[  
X`Y`f`B`U`h]c`b`U`H`U]k`U`b`I b]j Yfg]h`m`n`Y][ h`g]WÅ`<c\Yb\Y]a`U`g  
G`d]h`n`Y`b`f`Y]h`Y`f`]b`8`Y`i` hgWÅ`Ub`X`Z`Ø`f`5[ fUfZc`fgWÅ i b[ `i`b`X  
@Y`V`Y`b`g`a`]h`h`Y`k`]g`g`Y`b`g`WÅ`U`Z`h`Y`b`ž`a`]h`D`Uhn`%`]b`8`Y`i` hgWÅ`Ub`X`ž`D`Uhn`%`  
]b`9`i`f`c`d`U`i`b`X`D`Uhn`) &`k`Y`h`k`Y`h"

J Yf[ `Y]WÅ`ni`Ub`X`Y`f`Y`b`F`Ub\_]b[ g

⇒a `I`"G`"B`Y`k`g`Ub`X`K`c`f`X`F`Y`d`c`f`h`Ø`V`Y`f`X]Y`V`Y`g`h`Y`b`[ `c`V`U`Y`b  
I b]j Yfg]hÅh`Y`b`Z`Ø`f`5[ fUfk ]ggYbgWÅ UZhYb`Y`f`Ò`h`g]WÅ`X]Y  
?`c`b`\_`i`f`f`Y`b`n`Z`Ø`f`<c\Yb\Y]a`" "<]Y`f`V`Y`Y[ h`X]Y`I b]j Yfg]hÅh`; Òhh]b[ Yb  
X`Y`b`Y`f`g`h`Y`b`D`Uhn`a`]h`\*`\*`ž`+`D`i`b`\_`h`Y`b`ž`[ Y`Z`c`[ h`j`c`b`X`Y`f`H`Y`WÅ`b]g`WÅ`Y`b  
I b]j Yfg]hÅh`A`Ø`b`WÅ`Y`b`a`]h`\*)`ž`D`i`b`\_`h`Y`b`" "<c\Yb\Y]a`Y`f`f`Y]WÅ`h`\*`\*`ž`  
D`i`b`\_`h`Y`i`b`X`V`Y`Z]b`X`Y`h`g]WÅ`X`U`a`]h`U`i`Z`X`Y`a`X`f]h`h`Y`b`D`Uhn`]b  
8`Y`i` hgWÅ`Ub`X`ž`k`U`g`]f`Y`6`Y`X`Y`i`h`i`b[ `i`b`X`@Y]g`h`i`b[`]b`X`Y`f  
5[ fUfk ]ggYbgWÅ UZh`i`b`h`Y`f`g`h`f`Y]WÅ`h"

8]Y`I b]j Yfg]hÅh`<c\Yb\Y]a`]g`h`b]WÅ`h`b`i`f`U`i`Z`b`U`h]c`b`U`Y`f`9`V`Y`b`Y  
g`h`U`f`\_`ž`g`c`b`X`Y`f`b`n`Y][ h`U`i`WÅ`]b`]b`h`Y`f`b`U`h]c`b`U`Y`b`J`Y`f[ `Y]WÅ`Y`b`Y]b`Y  
\_`c`b`\_`i`f`f`Y`b`n`Z`Å`\][ Y`@Y]g`h`i`b[ "`A`]h`k`Y]h`f`Y]WÅ`Y`b`X`Y`b`?`c`c`d`Y`f`U`h]c`b`Y`b`ž`

i bhYf`UbXYfYa `a ]hfYbca a ]YfhYb`bgh]hi h]cbYb`k ]Y`XYf  
 K U[ Yb]b[ Yb`l b]j Yfg]hmi bX`XYf`7\]bU`5[ f]W`hi fU`l b]j Yfg]hmž  
 V`Y]Vh`<c\Yb\Y]a `Y]bY`UhhfU\_h]j Y`5XfYggY`ZØf`Ghi X]YfYbXY`i bX  
 : cfgW\YbXY`ja `5[ fUfVYfY]W\`"

8YhU]`g	
C fh	<c\Yb\Y]a ž`8Yi hgW\`UbX
E i Y`Yb	<ul style="list-style-type: none"> <li>• k k k "i b]!\c\Yb\Y]a "XY</li> <li>• bUW f]W hYb"]Xk !cb`]bY"XY</li> <li>• k k k "k cW YbV`Uhh!X`j "XY</li> </ul>

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