

7 \ Ya b] hn ' & \$ &) . : Ua] '] Yb ZY gh ' a] h 9b hY b fY b b Yb ' i bX ' gdc fh '] W\ Yb ' GhUfg °

7 \ Ya b] hn ' k] fX ' & \$ &) ' ? i ' hi f \ Ui dhghUXh ' 9i fcd Ug " ' 9fZU \ fYb
G] Y ' a Y \ f ' ØVYf ' X] Y '] bXi ghf] Y " Y ; YgW\] W\ hY ' i bX ' _ i ' hi fY " Yb
9bhk] W_ i b [Yb ' XYf ' GhUXh "



7 \ Ya b] hn ž ' 8 Yi hgW\ ' UbX ' ! ' ð ' 7 \ Ya b] hn ž ' XYf ' Xf] h [fØ » hYb ' GhUXh
GUW\ gYbgž ' [] VhYg ' XYfnY] hj] Y ' ni ' ZY] Yfb " ' 5a ' - " ' & \$ &) ' ZUbX ' Y] b
[fc » Yg : Ua] '] Yb ZY gh ' ghUhž ' XUg ' VY] ' ž b [' i bX ' 5 ' h [fc » Y : fYi XY
Ui g ' ØghY " ' 8 Yf ' HU [' ghUbX ' [Ubni] a ' NY] W\ Yb ' j cb ' GdU » ' i bX
; Ya Y] bgW\ UZh ' i bX ' VY] b \ U ' hYhY ' i bhYf ' UbXYfYa ' Y] b ' gdUbbYbXYg
9bhY b fY b b Yb ' i bX ' 5i hc [fUa a ghi bXYb ' a] hXYb ' Gd] Y ' Yfb ' XYg
7 \ Ya b] hnYf : 7 i bX ' XYf ' 7 \ Ya b] hn ' B] bYfg " K] Y ' V '] W_ " XY ' VYf] W\ hYhž
k Uf ' X] Y ' Gh] a a i b [' Ui g [Y ' UggYb ' i bX ' X] Y ' J cfZfYi XY ' Ui ZX] Y
_ca a YbXYb ' 9j Ybhg] b ' XYf ' GhUXh ' k Uf ' gdØfVUf "

8] YgY ' J YfUbghU ' hi b [Yb ' g] bX ' b] W\ h ' bi f ' Y] bY ' 6YfY] W\ Yfi b [' ZØf ' X] Y
6Yk c \ bYf / g] Y ' ghY \ Yb ' Ui W\ ' ja ' ? cbhYi hXYf ' 9fbYbbi b [' 7 \ Ya b] hn
ni f ' ? i ' hi f \ Ui dhghUXh ' 9i fcd Ug ' & \$ &) " ' 8] YgYg ' d fYgh] [YhfÅW\ h] [Y

@UVY`UhiXjY`GhUXh]b`XYb` : c_i g[YfØW_h"NjY`]ghYgž`NYjWXYb`ni
gYhnYb`i bX`XjY`_i`hi fY`Y`J jY`ZU`h7\Ya`b]hn`g]W`hVUf`ni`a`UWXYb`"
8]Y`J cfVYfY]hi b[Yb`g]bX`VYfY]hg`]b`j`c`Ya` ; Ub[Y`"BYVYb`XYb`
j]Y`Yb`_i`hi fY`Y`b`J YfUbghU`hi b[Yb`k`]fX`Ui`W`X]Y`ϕbcj`Uh]cb`XYf`
FY[]cb`]b`XYb`J cfXYf[fi bX`[YghY`hž`k`cVY]`ϕj`Ygh]h]cb`Yb`]b`?i`bgh`
i bX`?i`hi f`ni bY`a`YbX`Y]bYb`bUW`U`h][Yb`K`UbXY`Ubghc»Yb`"
7\Ya`b]hn&\$&) "XY`YVh`Yfj`cfž`k`jY`k`jW`h][`Yg`]ghž`X]Y`FY[]cb`
U`g`YVYb`gk`YfhY`i bX`Y]ghi b[gZ`A`][Y`GhUXh`Ui`Z`XYf`Yi`fcd`A]gWXYb`
@UbX`UfhY`ni`a`Uf_]YfYb`"

8]Y`9b`hk`jW`_i`b[`7\Ya`b]hn

8]Y` ; YgW`jW`hY`7\Ya`b]hn`U`g`ϕXi`ghf]Ya`Yhfc`dc`Y`]gh`Ub[`i`bX`
Y]bXfi`W`_gj`c`" `a`%`-`" `ϕ\`f`i`bXYfh`Yb`hk`jW`_Y`hY`g]W`X]Y`GhUXh`
fUgW`ni`a`]bbcj`Uh]cbg[Yhf]YVYbYb`NYbhfi`a`ž`VY`_Ubbh`U`g`
`g`A`W`g]gW`Yg`A`UbW`YghYf`Ui`Z[fi bX`XYf`J jY`nU`U`Ub` : UVf`_Yb`i`bX`
GW`cfb`ghY]bYb`"8]YgYf`fUgUb`hY`K`UbXY`V`fUW`hY`j`jY`Y`9fZ]bXYf`i`bX`
I`bhYfb`Y`a`Yf`]b`X]Y`GhUXhž`X]Y`Y`Yf`cd`h]a`U`Y`6YX]b[i b[Yb`
j`cfZUbXYbž`i`a`]fY`ϕY`Yb`]b`X]Y`HU`hi`a`ni`gYhnYbž`k`jY`X]Y`
9f]bbYfi b[`Ub`XYb`9fZ]bXYf`XYg`H`Yfa`cg[YZ`A`»Yg`]a`ϕ\`f`%`,`%`
nY][h`8]YgY`9ffi b[YbgW`UZhYb`df`A[Yb`7\Ya`b]hn`V]g`Y`i`hY`i`bX`
g]bX`HY]`XYf`ϕYb`h]h`A`h`XYf`GhUXh`"

A`j`h`k`jW`h][Yb`9]b]f]W`hi b[Yb`k`jY`XYf`HYW`b]gWXYb`i`b]j`Yfg]h`A`h`
7\Ya`b]hn`i`bX`XYa`ϕXi`ghf]Ya`i`gYi`a`ž`XUg`X]Y`]bXi`ghf]Y`Y`
 ; YgW`jW`hY`Xc`_i`a`Yb`h]Yf`hž`k`]fX`b]W`h`bi`f`XUg`9fVY`VYk`U`f`hž`
gcbXYfb`Ui`W`U`_h]j`]b`X]Y`Ni`_i`bZ`h]bj`Ygh]Yfh`8Yf`A`]i`Ui`g`
UfW`j`hY`_hcb]gWXYb`Gh]Yb`j`cb` ; fØbXYfnY]hVUi`hYb`V]g`Y`]b`ni`
a`cXYfbYb`9]bZØggYb`gd]Y[Y`h`X]Y`k`YW`gY`j`c`Y` ; YgW`jW`hY`XYf`
GhUXh`k`jXYf`"

?i`hi`f`i`bX` ; Ya`Y]bgW`UZh

8]Y`J YfUbghU`hi b[Yb`k`A`fYbX`XYf`?i`hi`f`U`i`d`hghUXh`U`fY`ghY`Yb`
b]W`h`bi`f`ZØf`_Øb`ghYf]gWXY`@Y]ghi b[Ybž`gcbXYfb`ZØfXYfb`Ui`W`XYb`
gcn]U`Yb`Ni`gUa`a`Yb`U`h`5i`W`X]Y`YfZc`[fY]WXYb`Gdc`fhj`YfY]bYž`
k`jY`XYf`7\Ya`b]hnYf` : 7`i`bX`X]Y`7\Ya`b]hn`B]bYfgž`hfU[Yb`XUni`
VY]ž`X]Y` ; Ya`Y]bgW`UZh`ni`gh`A`f`_Yb`5i`hc[fUa`a`ghi`bXYb`i`bX`

9j Ybhgž`X]Y`XYb`5i ghUi gW`nk]gW`Yb` : Ubgi bX`5h`YhYb
Yfa Ò[`]W`Ybž`g]bX`Y]b`k]W`h][Yf`HY]`X]YgYf`6Ya Ø\i b[Yb"

⇒ XYf`HUhž`7\Ya b]m`ghY`W`_hj c`Yf`9bYf[]Y`i bX`_fYUh]j Yf`a di`gY"
A]h`XYa `N]Y`ž`X]Y`_i `hi fY`Y` ⇒ ZfUghfi _hi f`k Y]hYf`Ui gni VUi Ybž`g]bX
X]Y`J cfVYfY]hi b[Yb`Ui ZXUg`&f`&\$&) `Y]b`[Ubni`_UfYf`GW`f]hh]b
Y]bY`j]Y`j YfgdfYW`YbXY`Ni _i bZh`8]Y`GhUXhž`X]Y`Y]bghi[YdfÀ[h`k Uf
j cb`]bXi ghf]Y`Yf`A UW`hž`nY][h`g]W`_Yi hY`ja `DfcnYgg`Y]bYg
h]YZ[fY]ZYbXYb`K UbXY`gž`XYf`ØVYf`X]Y` ; fYbnYb`j cb`7\Ya b]m`i bX
GUW`gYb`_]bUi g[Y`h`"Gc`k]fX`7\Ya b]m`b]W`h`bi f`ni f
?i `hi f`Ui dhghUXhž`gcbXYfb`Ui W`ni `Y]bYa `Cfhž`Ub`XYa `?i bghž
⇒ bcj Uh]cb`i bX` ; Ya Y]bgW`UZh`\cW`ja `?i fg`ghY`Yb"

8YhU]`g	
Cfh	7\Ya b]mž`8Yi hgW`_UbX
EiY`Yb	<ul style="list-style-type: none">• k k k "V`]W`_XY• W`Ya b]m`&\$&) "XY• k k k "XYi hgW`_UbX"XY

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