

9bj ]fcb 'GF \* \$\$' FUV\_dUfU'gyfj ]XcfYg'fGYfj Yf'FUW\_L'XY'\*\$'\$a a 'XY'  
UbVWc



## & DUDFWHUtVWLFDV

8]gdc]V'Y'Yb'&-l ž' (& 'm(+l '  
%\$\$\$'c'%'&\$\$'a a 'XY'ZcbXc'  
7c'cf'V'UbVt' [f]gz'Wc'c'bY[fc'  
7UdUW]XUX'XY'Wf[U'XY%' '\$'\_l'  
9bhfUXU'XY'WV'Yg'XYg]nUbhY'h]dc'Vi nCB'Yb''U'dUfHY'  
gj dYf]cf'

Di YfhU'XY'UbhYfU'h]dc'fY'q''U'Wt'X]gy'c'cbXi 'UXc'

Di YfhUg'hfUgYfUg'XcV'Yg'XY'fY'q''U'h]dc'Ufa Uf]c'

DYfZ]'Yg'XY'UbhYfcg'mhfUgYfcg'Wt'a d'Yhcg'XY'%' ''  
GY'g' a ]b]ghfU'Yb'dUei YhY'd'Ubc'c'mU'a cbhUXc'

?]h'XY'i b]CB']bWl ]Xc'  
Di YXY']bghU'UfgY'Wt'b'c'g]b'dUbY'Yg'U'U'YfU'Yg'  
D]Yg'XY'Udcn'c']bWl ]Xcg'  
DUbY'Yg'XY''U'VUgY'YI hfU'V'Yg'dUfU''U'YbhfUXU'XY'WV'Yg'  
-bWl mY'fi YXUg'Wt'b'V'cei Yc'a i mfYg]ghYbhYg'  
@cg'd]Yg'XY'Udcn'c'm'Ug'fi YXUg'di YXYb']bghU'UfgY'  
g]a i 'hzbYUa YbhY'  
7YffUXi fU'XY'Xcg'di bhcg'mia Ub]''U'Yb''U'di YfhU'  
XY'UbhYfU'  
7YffUXi fU'XY'hfYg'di bhcg'mia Ub]''U'Yb''Ug'di YfhUg'  
hfUgYfUg'  
DYfZ]'Yg'XY'a cbhU'Y'XY'%' ''XY'UW'fc'[U] Ub]nUXc'  
DYfZ]'Yg'XY'%' ''a UfW'Xcg'Wt'b'dcg]V]CB'XY'U'hi fU'I'

Di YfhUg'hfUgYfUg'mXY'UbhYfU'Wtb'i b'+\$i 'XY'j Ybh]'UV]CB'  
Di YfhUg'Wtb'UdYfhi fU'XY'&' )s#'% \$s'

Di YfhUg'UfhjW'UXUg'Wtb'VYffY'fzd]Xc'  
DubY'Yg'UhyfU'Yg'YI hfU'V'Yg' X]j ]gj]CB'\cf]ncbH'Yb'  
(&'m(+l'

## 5HVXPHQ GHO SURGXFWR

9bj ]fcb'GF\*\$\$Yg'i bU'j Yfgzh]' [Ua U'XY'fUW'g'XY'\*\$\$'a a 'Yei ]dUXcg'Wtb'i bU'di YfhU'XY'UbhYfU'cbXi 'UXU'Wtb'j Ybh]'UV]CB' midi YfhUg'  
hfUgYfUg'XcV'Yg'Wtb'j Ybh]'UV]CB'"8]gY< UXcg'dUFU'Uc'Uf'i bU'Wf[U'XY'\UghU'% \$\$'\_[ 'mX]gdc]V'Yg'Yb'j Uf]Ug'U'hi fUg'mWtb'X]ZYfYbhYg'  
cdV]cbYg'XY'ZcbXcz'Yg'cg'fUW'g'cZfY'Wb'i bUg'WfUW'Yf'gh]VUg'UdhUg'dUFU'i b'Ua d' ]c'UVUb]Wtb'XY'Ud' ]WV]cbYg'Yb'Wbhf'cg'XY'XUhcg'  
mih'Y'Wtb'a i b]WV]cbYg'

## 5DFN (QYLURQ9I65WD SRU SOHJDV

7YffUXi fU'XY'Xcg'di bhcg'ma Ub]'U'Yb''U'  
di YfhU'XY'UbhYfU'

Di YfhU'XY'UbhYfU'h]dc'fY'q''U'Wtb'X]gY<c'  
cbXi 'UXc'

DubY'Yg'XY''U'VUg'YI hfU'V'Yg'dUFU''U'  
YbhfUXU'XY'WV'Yg'

Di YfhUg'hfUgYfUg'XcV`Yg'XY`fY`^`U`h]dc`  
Ufa Uf]c`

DUbY`Yg`UHfU`Yg`Ufh]W`UXcg'XY`WYffY`  
fzd]Xc`

DUbY`Yg`UHfU`Yg`YI hfU`V`Yg`l`Xj`]g]CB`  
\cf]ncbHU` gc`c`Yb`(&l`m(+l`

1 ~ PHURV GH UHI5DFN Q/FEB P SOHWRV

I b`fUW`Wza`d`Yhc`Wzbg]U`XY`i`bU`di`YfhU`XY`UbhYfU`XY`fY`^`U`Wzb`X]gY<`c`cbXi`UXcz`di`YfhUg'hfUgYfUg'XY`fY`^`U`h]dc`Ufa Uf]cz`  
dUbY`Yg`UHfU`Yg'XY`UWfc`mdYfZ]`Yg'XY`%`XY`UbhYfcg`mhfUgYfcg`

5 DFN (QYLURQ\$ @pDGRV

9LVWD IURQWDO

9LVWD ODWHUDC

9LVWD SRVWHULF

'LPHQVLRQH V WRWDOHV

\$OWXUD

&-l '1%'&&'a a 'XY'Uhc'

(& '1'&\$\$\$'a a 'XY'Uhc'

(+l '1'&&'a a 'XY'Uhc'

ODV UXHG DV Dx DGHQ ' ' ' I

\$QFKR

\*\$\$'a a 'XY'UbVc'

)RQGR

%\$\$'a a 'XY'ZcbXc'

%\$\$'a a 'XY'ZcbXc'

9LVWD VXSHULRU

9LVWD L'QIHULRU

5DFNV FRQ

PP GH IRQGR

'HVFULSFLY	\$OWXU	\$QFKI	)RQGF	\$OWXUD	%ODQFR JUL\	1HJUR
9bj jfcb'GF*\$\$	&-l	*\$\$'a a	%\$\$'a a	%(&&'a a	)((!&-*%&!K 86B!; K	)((!&-*%&!K 86B!6?
9bj jfcb'GF*\$\$	(&	*\$\$'a a	%\$\$'a a	&\$\$\$'a a	)((!(&*%&!K 86B!; K	)((!(&*%&!K 86B!6?
9bj jfcb'GF*\$\$	(+l	*\$\$'a a	%\$\$'a a	&&'a a	)((!(+*%&!K 86B!; K	)((!(+*%&!K 86B!6?

5DFNV FRQ

PP GH IRQGR

'HVFULSFLY	\$OWXU	\$QFKI	)RQGF	\$OWXUD	%ODQFR JUL\	1HJUR
9bj jfcb'GF*\$\$	&-l	*\$\$'a a	%\$\$'a a	%(&&'a a	)((!&-*%&!K 86B!; K	)((!&-*%&!K 86B!6?
9bj jfcb'GF*\$\$	(&	*\$\$'a a	%\$\$'a a	&\$\$\$'a a	)((!(&*%&!K 86B!; K	)((!(&*%&!K 86B!6?
9bj jfcb'GF*\$\$	(+l	*\$\$'a a	%\$\$'a a	&&'a a	)((!(+*%&!K 86B!; K	)((!(+*%&!K 86B!6?

\*DUDQWtD GHO VLVWHPD

@J'; UfUbhU'XY'&) 'Uk cg'XY' g'ghYa U'9l W'' [UfUbh]nU'Y'W a d]a ]YbhcZ dcf'dUfhY'XY'dfcXi Vfcg'miUd'WVW]cbYgZ'XY' YghzbXUf'XY'fYbX]a ]Ybhc'Udfcd]UXc'U''U'WUgy'XY' g'ghYa U'XY'WVW'YUXc']bghU'UXc''@J' [Ua U'XY'fUWg'XY'9l W'W'WYbHJ' VZb'&) 'Uk cg'XY' [UfUbhU'g]g'y']bghU'U'VZa c'dUfhY'XY'i bU'gc'i V]Cb'VZa d'YhU'XY'9l W''@J' [UfUbhU'U'dcXfz'gc']W]hU'f'i b' gc'V]c'9l W'U'WYX]hUXc'eI Y'\UrtU'X]gY'UXcZ'g'a ]b]ghfUXc'Y' ]bghU'UXc'X]W]c'g'ghYa U''

3OHDVH QRWH WKDW WKH \*UH\ :KLWH YHUVLRQV RI WKH (5 DQG 65 UDFNV ZLC

&DUDFWHUtVWLFdv

'HWDooH	9DORU
GhUbXUfX	5BG#9-5!' %\$!9'
!	-97*\$\$- +!&
!	8-B'(%-( 'DUfhY'%m+
AUhYf]U	GD77'UWfc''Ua ]bUXc'Yb'Zfz
FU#Yg'XY'%'	&'\$'a a 'XY' [fcgcf
6UffU'g dYf]cf	%)'a a 'XY' [fcgcf
AUFVZ'XY''U'di YfhUz'g dYf]cf'm'UHfYU	%&'a a 'XY' [fcgcf
Chfcg	%\$'a a 'XY' [fcgcf
7c'cf	6'UbVZ' [f]gz'Wc' F5@-\$&
!	BY[fc' F5@\$\$(&
7lhlMxIX'XY'W]f]l	%\$\$. [f]V]cb]h]W]f]

9l W''jg'U'k cf'X!WUgg'dfYa ]i a 'dYfZcfa ]b[ 'YbX!hc!YbX']bZfUghf] Wfi fY'gc'i ]h]cb!'XYg] [bYXZ' a Ubi ZUW] fYXZ'g ddcfhYX'UbX'XY' ]fYfX!'k ]h]ci h'VZa dfca ]gY''

7cbhUW]i'g Uh'VDOHV # 19[FWMZDR UNLQJ FRP