## 

DfchYghgʻU[U]bghʻHfiad/ \$`-/gʻV]fh\XUmʻW``a]bUhYX`]bʻh\Y /eich/Bc`?]b[g/eich/acjYaYbhʿUWfcggʻ:`cf]XUž`]bWiX]b[ JYb]WYžYad\Ug]n]b[`XYacWfUh]WjU`iYg"



JYb]WYž: `cf]XUžI G5'! 5g'h\Y': ci fh\'cZ'\$`m'UddfcUW\Ygž :`cf]XU'Z]bXg']hgY`Z'Uh'h\Y'\YUfh`cZ'U'fYgi f[YbWY`cZ'dc`]h]WU` UWh]j ]ga ž'dUfh]W'`Uf`m']b'fYgdcbgY'hc'h\Y'`Y[UWm'UbX'dc`]W]Yg'cZ Zcfa Yf`DfYg]XYbh'8cbU'X'Hfi a d"'Cb'\$ bY'%(ž'&\$&) ž'Hfi a d WY`YVfUhYX'\]g'+-h\'V]fh\XUmž'Wc]bW]X]b['k]h\'bUh]cbk]XY' Bc ?]b[g'dfchYghg"'H\YgY'YjYbhg'kYfY'cf[Ub]nYX'hc'Wci bhYf'h\Y ZYgh]j]h]Yg'gi ffci bX]b['\]g'V]fh\XUm'UbX'hc'cV'tWihc'\]g UXa ]b]ghfUh]cbg'dfcdcgYX'a]`]hUfm'dUfUXYž'k\]W\'h\Ym'XYYaYX'U gdYWhUWY'fUh\Yf'h\Ub'U'WYYVfUh]cb'cZ'h\Y'I "G"'5famg'&) \$h\ Ubb]jYfgUfm''H\Y'DU`a'6YUW\'Dcgh'fYdcfhg'h\Uh'dfchYghg'Yfi dhYX ]b'bYUf`m, \$'`cWUh]cbg'UWfcgg': `cf]XUž'Zfca'7cWcU'hc'HU`U\UggYYž W\U``Yb[]b['Hfi adg`YUXYfg\]d'ghmYž'k\]W\'h\Ym`]\_YbYX'hc'h\Uh cZ'U'a cbUfW\" K \]`Y`Hfi a d`gdYbh`\]g`V]fh\XUm`]b`K Ug\]b[hcbž8"7"žh\Y`dfchYghg ]b`:`cf]XU`k YfY`U`j ]g]V`Y`X]gd`Um`cZX]ggYbh"`Cf[Ub]nYfg Ya d\Ug]nYX`h\Uh`h\Y`a ]`]hUfm`dUfUXY`gYfj YX`Ug`U`hcc``Zcf dfc`YWh]b[`ghfYb[h\`fUh\Yf`h\Ub`U`[Ybi]bY`Wca a Ya cfUh]cb`cZ`h\Y a ]`]hUfm"`H\Y`:`cf]XU`dfchYghg`YI Ya d`]Z]YX`U`[fck]b[`gYbgY`cZ i bfYgh`Ua cb[`W]h]nYbg`X]gd`YUgYX`k]h\`Hfi a d g`UddfcUW\`hc [cj YfbUbWY"

## IdWca]b['8YacbghfUh]cbg

@cc\_]b[`U\YUXžUXX]h]cbU``Bc'?]b[g'&"\$ `dfchYghg'UfY'gYh'hc'hU\_Y d`UVW`cjYf'h\Y'\$`m: cifh\`kYY\_YbXž'bchUV`m`]b`h\Y'j]W]b]hm`cZAUf! U!@U[c"`H\Y`AUf!U!@U[c'7`iV`\Ug'VYYb'WcgYX'g]bWY`Ach\Yfg 8Um'Vih']g'YIdYWhYX'hc'fYcdYb'Zcf'h\Y'gcW]U``gYUgcb']b'CWhcVYfž `YUj]b[`h\Y'jYbiY'ei]Yh'Zcf'bck 'Ua]X`U'VUW\_Xfcd`cZ'cb[c]b[ dfchYghg"'Cb'U'VfcUXYf'gWU`Yž'ib]eiY'YjYbhg'XiVVYX`; ccX HfciV`Y'@]jYg'Cb''UfY'U`gc'gW\YXi`YX'Zcf'\$`m'%+ž'ZcW'g]b[`cb h\YaYg``]\_Y'jch]b[`f][\hg'UbX'fUW]U`'fgh]WY Wf]h]WU`']ggiYg']b hcXUmg'dc`]h]WU`'W]aUhY"

H\Y`i dWca ]b[`: ci fh\`cZ`i`mYj Ybhg`dfca ]gY`Wcbh]bi YX a cV]`]nUh]cb"`H\Y`K ca Yb g`A UfW\ž`U`dfca ]bYbh`ZcfWY`]b`h\Y W ffYbh`dfchYgh``UbXgWUdYž`]g`[YUf]b[`i d`Zcf`UWh]cbg`h\Ya YX : fYY`5a Yf]WU" `H\]g`]b]h]Uh]j Y`U]a g`hc`hUW\_`Y`]ggi Yg`gi W\`Ug cddfYgg]cb`UbX`h\Y`]bZi YbWY`cZ`k YU`h\`]b`dc`]h]Wgž`YbWci fU[]b[ dUfh]W]dUbhg`hc`cf[Ub]nY`V`cW\_`dUfh]Ygž`a UfW\Ygž`UbX`di V`]WUfh X]gd`Umg"`5Wfcgg`%) \$`d`UbbYX`dfchYghg`bUh]cbk]XYž`: `cf]XU fYa U]bg`U`\_Ym`VUhh`Y[fci bX`k]h\`j Uf]ci g`[fci dg`c]b]b[`ZcfWYg`hc Ua d`]Zm`h\Y]f`a YggU[Y`U[U]bgh`Hfi a d g`UXa]b]ghfUh]cb"`BchUV`mž h\Y`DYcd`Y g`I b]cb`I G5`\Ug`]b]h]UhYX`U`VcmWchh`cZ`V][ WcfdcfUh]cbg`UbX`Z]fYk cf\_g`X]gd`Umg`hc`gdch`][`h`k`YU`h\ ]bYei U`]hm`UbX`]a a ][fUh]cb`dc`]W]Yg"

## BUh]cbU``UbX'; `cVU``7cbhYlh

H\]g`kUjY`cZ`dfchYgh`]gbh`aYfY`m`U``cWU``d\YbcaYbcb/`h\Y`Bc ?]b[g`XYacbghfUh]cbg`\UjY`[U]bYX`hfUWh]cb`[`cVU``mž`k]h\`cjYf`) a]``]cb`dUfh]W]dUbhg`]b`YjYbhg`UWfcgg`&ž\$\$\$``cWUh]cbgž`]bWiX]b[ 9i fcdY"'H\Y'dfchYghg'hf]i a d\YX'bch''i gh']b': `cf]XU'Vi h'U`gc']b Wh/Yg^``]\_Y^D\]`UXY`d\]Už'k \]W\`d`UmYX`\cqh`hc`h\Y`a\_U]b`Yj Ybhž XYa cbghfUh]b[ h Y ] ghcf]WU g][ b]Z]WUbWY cZ]hgghfYYhg"

5a ]X h\YqY [Uh\Yf]b[qž WcbWYfbq UVci h qUZYhm \Uj Y Ya Yf[YXž dUfh]W/`Uf`m`]b``][\h`cZ'dc`]h]WU``j]c`YbW/`]bW]XYbhg`]b`A]bbYgchU" Cf[Ub]nYfg`\UjY`jckYX`hc`Wcbh]biY`h\Y]f`X]ggYbhžXYacbghfUh]b[ bchcb`mU[U]bghHfiadg``YUXYfg\]d'VihU`gc']b'h\Y'gd]f]hcZ'ib]hm UbX fYg]`]YbW "'H\Y ghU\_Yg UfY'\][\ 'Ug XYa cbghfUhcfg bUj ][ UhY U WW.Uf[YX'dc`]h]WU``Uha cqd\YfYžYa d\Uq]n]b[`h\Y'bYYX'Zcf gca Yh\]b[ 'a cfY'h\Ub'a YfY'dc`]h]WU`'h\YUhf]Wg"

5g': `cf]X]Ubg'dfYdUfY'Zcf'h\Y': ci fh\'cZ'≯ `mž'a Ubm'k ]``'Yb[U[Y  $k h^{+} = h^{-} h^{-}$ X]fYWh`m'W\U``Yb[Y'h\Y'qhUhiq'eic"'H\Y'acaYbhia'Zfca'h\Y fYW/bh/dfch/yghg/gi [ [ Yghg/h\Uh/h\]g/gi a a Yf/Wci `X'VY'XYZ]b]b[ 'Zcf h\Y'dc`]h]WU```UbXgWUdY']b': `cf]XU'UbX'VYmcbX"

: cf'cb[c]b['WcjYfU[Y'cZ'h\YgY'YjYbhgž'fYZYf'hc'h\Y'DU`a '6YUW

Dcghžh\YKUg\]b[hcb'9|Ua]bYfžUbXBDF"

JYb]WYž:`cf]XUžIG5

8 Y hU]`q Cfh

EiY``Yb

## 6Yqi WXYb'G]Y'i bg'Ui Z.'a Y]b!k ]Yb"bYh

• k k k "bdf"cf[

k k k "dU`a VYUW\dcgh"Wca

• k k k "k Ug\]b[hcbYl Ua ]bYf"Wca