

\Rightarrow b[Y'<UbUi Yf'[YghU`hYb']\fY'Ni _i bZh. 8Ya c_fUh]Y']b'5_h]cb°

 $+\$`GWX\varnothing`Yf`X]g_i\ h]YfYb`]b`< UbUi``\varnothing VYf`X]Y`Ni_i\ bZh`]\backslash fYfGhUXh"`CVYfV\varnothingf[Yfa Y]ghYf`?Ua]bg_m`\Òfh`]\backslash fY`5b`]Y[Yb`nifGhUXhYbhk]\W_`i\b["$



f]W\[h][Y \[F \]W\[hi \] b[\[Z'\] b[Y \[A \] Y bgW\[Y b']b \[GhUXhYbhk \]W\[`i \] b[\[gdfcnYggY Y]bni \[VYn]Y \[Y bz''k \] Y \[Ui \] W\['J \] cfgdfi \[b[\] 'C \[b `]bY \[VYhcbh'' \]

K Ugʻk]f_`]WX k]WX h][']ghʻZØfʻX]Yʻ¾ [YbX`]WX Yb3ʻA Y\fʻF Ui a 'ZØf
6Y[Y[bi b[Ybʻi bXʻY]bYʻGhÀf_i b['XYgʻgcn]U`YbʻA]hY]bUbXYfgž
`Ui hYhYbʻ]\fYʻnYbhfU`Ybʻ5b`]Y[Yb"ʻGcʻk ØbgWX Ybʻg]Yʻg]WXʻi bhYf
UbXYfYa '5i ZYbh\U`hgcfhYʻc\bYʻ?cbgi a nk Ub[ž'dfY]gk YfhY
¾ [YbXWUZÅgʻi bXʻgWX`]Y» `]WX 'Y]bYʻ< U``YʻZØfʻGdcfhžʻ: fY]nY]hʻcXYf
: YghY"ʻ5i WX 'X]YʻG]WXYf\Y]hii bXʻH\Ya Ybʻfi bXʻi a '8fc[Yb_cbgi a
ghUbXYbʻUi ZʻXYfʻ5[YbXUʻXYfʻ8]g_i gg]cb"ʻ?Ua]bg_mʻghY``hYʻXUni ʻ]b
5i gg]WX hžʻXUggʻVYfY]hgʻVYghY\YbXYʻ< U``Ybʻi bXʻFÀi a YʻVYggYf
[Ybi hnhʻk YfXYbʻ_ObbhYb"

$GhUXhYbhk]W_i b[gX]Uc[a]hDc]h]_Yfb$

 $8] YgY `5i Za Yf_gUa h_Y] h`Ub`XYb`6YXØfZb] ggYb`XYf`$i[YbX`]WXYb dUggh`ni f`$]h]Uh]j Y`XYf`GhUXh`< UbUi ž`]\fY`A Y]bi b[Yb`U_h]j `ni \ÔfYb`i bX`]b`X]Y`GhUXhYbhk]\W_`i b[`Y]bni VYn]Y\Yb"$a `FU\a Yb XYg`8]U`c[gž`XYf`Ua `%&"`$ib]`ghUhhZUbXž`_Ua Yb`fi bX`-$$$i[YbX`]WXY`]a `BYi ghAXhYf`FUh\Ui g`ni `K cfh"`<]Yf`hfUZYb`g]Y`g]WX a]h`6\Øf[Yfa Y]ghYf`8f"`A UI]a]`]Ub`6]Yf]`fGD8\Li bX`GhUXhfAh]b$$gUVY```<Ya g`Ym`ff\8I\L''`<]YfVY]`k i fXY`X]Y`Bchk YbX][_Y]h`j cb CfhYb`XYf`6Y[Y[bi b[ž`6Yk Y[i b[`i bX`6YhY]`][i b[`h\Ya Uh]g]Yfhz`i a `XYb`gcn]U`Yb`Ni gUa a Yb\U`h`]b`<UbUi `ni `ZÔfXYfb"`$hYfU_h]j Y K cf_g\cdg`i bX`J cfhfA[Y`ØVYf`8Ya c_fUh]Y`i bX`XYfYb :i b_h]cbgk Y]gY`Yf[AbnhYb`XUg`Dfc[fUa a `i bX`ghAf_hYb`XUg 6Yk i gghgY]b`ZØf`X]Y`K]WXh][_Y]h`XYf`Y][YbYb`Gh]a a Y`]b`XYf GhUXhd`Ubi b[ž`k]Y`::< 'Yf_`Afh''$

J YfUbghU`hi b[Yb`k]Y`X]YgY`_bØdZYb`Ub`X]Y`F\Y]b[c`X!Ghi X]Y`ni f @YVYbgg]hi Uh]cb`]b`< UbUi `Ub`i bX`nY][Yb`Ui Zž`XUgg`Yg < UbX`i b[gVYXUfZ'[]Vh"8]Y` \pm hY[fUh]cb`'\ b[Yf`A YbgW\Yb`]b 9bhgW\Y]Xi b[gdfcnYggY`]gh`Y]bY`< YfUi gZcfXYfi b[ž`gdYn]Y```k Ybb Yg`i a `GhUXhd`Ubi b[`[Y\h"CZh`ZY\`h'Yg`Ub`_`UfYb`GW\b]hhghY``Yb i bX`Y]bYf`YZZY_h]j Yb`DUfh]n]dUh]cb"`8 Ug`: cfgW\i b[gZY`X \\
\[\frac{1}{2}\]\X\Y`]a `GhUXhei Ufh]Yf`\Uh`g]\X\XYg\U`V`XUfUi Z \\
\[\frac{1}{2}\]\X\Yb\]a `GhUXhei Ufh]Yf`\Uh`g]\X\XYg\U`V`XUfUi Z \\\
\[\frac{1}{2}\]\X\Yb\]a `GhUXhei Ufh]Yf`\Uh`g]\X\XYg\U`V`XUfUi Z \\\
\[\frac{1}{2}\]\X\Yb\ni `YfUfVY]hYbži a `XYfYb`5bZcfXYfi b[Yb`Ub

BYiYKY[YXYfDUfh]n]dUh]cb

8 UgʻN]Yʻžʻi [YbX`]WXYʻU_h]jʻ]bʻX]YʻGhUXh[YghUʻhi b[Y]bni VYn]Y\YbžgWXY]bh'Ui WXʻa Y\fʻi bXʻa Y\fʻ]bʻXYbʻ: c_i gʻXYfʻGhUXhdc`]h]_ʻni fØW_Yb''Dfc'Y_hYʻk]Yʻ GhUXhk UbXY`''X][]hU`ʻj Yfgi WXYbʻ]bbcj Uh]j Y 5 bgÀhnYʻZØfʻX]Yʻ: fY]nY]hbi hni b['ni Ybhk]W_Y`bʻi bX'V]YhYbʻXUa]h Y]bYbʻk Y]hYfYbʻF Ui a ʻZØfʻX]YʻDUfh]n]dUh]cbʻʻl b[YfʻA YbgWXYb''·9]b VYk i gghYfʻi bXʻa cXYfbYfʻ5bgUhnʻni fʻGhUXhYbhk]W_`i b['_Ubb XUni VY]hfU[Ybž'XUggʻ<UbUi 'ni Y]bYaʻbcWXʻYVYbgk YfhYfYbʻCfh ZØfʻU``Yʻ6Øf[Yf.]bbYbʻk]fX''·9]bʻ[i hYgʻ<ÀbXWXYbʻVY]ʻXYf ; YghUʻhi b['X]YgYfʻDfcnYggYʻ]gh'[YZfU[hž'i a 'XYbʻK ØbgWXYbʻi bX Gcf[YbʻXYfʻl b[Ybʻ; YbYfUh]cbʻFYWXbi b['ni 'hfU[Yb''

8]Y'JYfUbghU`hi b[Yb'nY][Ybž'XUgg'5b[YVchY'ZØf'\$ [YbX`]W\Y'i bX XYfYb'6YhY]`][i b['b]W\h'bi f'X]Y'GhUXh'VYfY]W\Yfbž'gcbXYfb'Ui W\X]Y'XYa c_fUh]gW\Y'?i`hi f'gh\Af_Yb'_\ObbYb'''<UbUi ']gh'Ui Z'XYa f]W\h][Yb'K Y[ž'i bX'Yg'V`Y]Vh'gdUbbYbX'ni 'VYcVUW\hYbž'k]Y'g]W\X]Y'ni _i bZhgk Y]gYbXYb'\Rightarrow XYYb'XYf'\Rightarrow [YbX`]W\Yb']b'XYf GhUXhYbhk]W_`i b['i a gYhnYb'k YfXYb''

8 Y hU]`g	
Cfh	BYighÀXhYfFUh\Uigž <ubuiž8yihgw\`ubx< th=""></ubuiž8yihgw\`ubx<>
EiY``Yb	j cfgdfi b[!cb`]bY"XYk k k "ZZ\"XYk k k "VVgf"Vi bX"XY

6 Ygi W Yb 'G | Y i bg 'Ui Z 'b U [! \ Ygg Yb "X Y