

# **MDIA1004**

BYKkggi:bkubXubauybhU`g

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 $: cf'a\ cfY']bZcfa\ UfJcb'UVci\ hih\Y'UffYbXUbWY'dfchcWc`g']b'h\Y':\ UWV`hmicZ5fhg'UbX'GcWJU`\\ GWJYbWYg.'\underline{htdg.} \#k\ k\ k''\underline{Uffg''i\ bgk''YXi''Ui\ \#W\ ffYbHghi\ XYbhg\#\underline{UWJXYa}]W]bZcfa\ UfJcb\#\underline{dfchcWc`g![i\ ]XY`]bYg\#\underline{UWJXYa}$ 

## 5 WUXYa]W±bZcfa Uhjcb

: cf`YggYbh]U``ghi XYbh`]bZcfa Uh]cb`fY`Uh]b[ `hc.`fYei Yghg`Zcf`Yl hYbg]cb/fYj ]Yk `cZa Uf\_g/cWW dUh]cbU``\YU`h\UbX`gUZYhm'Yl Ua ]bUh]cb`dfcWXi fYg/gdYV]U``Wcbg]XYfUh]cb`]b`h\Y`Yj YbhcZ]``bYgg`cf`a ]gUXj Ybhi fY/ghi XYbhYei ]hmUbX`X]gUV]`]hm'UbX`ch\Yf`YggYbh]U``UWUXYa ]W]bZcfa Uh]cbž gYY`\hdg.#k k k "Ufhg"i bgk "YXi "Ui #W ffYbhghi XYbhg#JWUXYa ]W]bZcfa Uh]cb#dfchcWc`g![i ]XY`]bYg#

## 7ci fgY 8YW] g

7 fYX]h'Dc]bhg'\*

Gi a a UfmcZh\Y'7ci fgY

Gi VYWh5fYU. ? WW[S

H\]g'Wci fgY'XYj Y`cdg'g\_]``g']b'h\Y'dfUW]WY'cZbYk g'fYdcff]b[ 'Ug']hcdYfUhYg'k ]XY`mUWfcgg'X]ZYfYbh Xca U]bg'cZ'ci fbU']ga "'Mci 'k ]```XYj Y`cd'g\_]``g'bchcb`m]b'h\Y'fYdcff]b[ 'cZW ffYbhUZZJ]fg'UbX'gdcfhg'bYk g Ug'hfUX]h]cbU``mi bXYffU\_Yb'VmbYk gdUdYfg'UbX'VfcUXWJghbYk g'XYdUfha Ybhgž'Vi h'U'gc']b'h\Y'fYdcff]b[ 'cZ bYk g']bž'Zcf'Yl Ua d'Yž'a i g]Wž'Ufhgž'hfUj Y`ž'ZJg\]cb'UbX'a chcf]b[ 'ci fbU']ga "'H\Y'Wci fgY'k ]``'ZcW' g'cb'g\_]``g UggcW]UhYX'k ]h\ 'U``'ghU[Yg'cZh\Y'bYk g'fYdcff]b[ 'dfcW'ggž'UbX'mci 'k ]``XYj Y`cd'mci f'\_bck 'YX[Y'cZ\ck dchYbh]U``bYk g']hYa g'UfY gY`YWhYXž\ck 'ci fbU']ghg'a UbU[Y'fY`Uh]cbg\]d'k ]h\ ''WcbhUWg'' UbX`\ck 'h\Ym WcbXi Wi]bhYfj ]Yk g''C Vj ]ci g`mh\YfY'k ]``U`gc'VY'U'ZcW g'cb'bYk g'k f]h]b[ ']lgY`Z—'h\Y'j YfVU``ghmYg'UbX ghfi Wi fYg'Ya d`cmYX']b'bYk g'fYdcfh]b[ 'cZX]ZYfYbh'hmdYgž'UbX'h\Y'g\_]``g'fYei ]fYX'hc'X]gh]``gca Yh]a Yg Wca d'Yl 'a UhYf]U``]bhc'U'Zcfa 'k \]W\ k ]``'UhfUWiUbX'\c'X'h\Y'UhhYbh]cb'cZWUgi U``fYUXYfg'''6Ug]W d\chc'ci fbU']gh]Wg\_]``g'k ]``'U'gc'VY'Wcj YfYX''

#### 5 hith Y WcbWi g]cb cZih ]g Wci fgY h Y ghi XYbhik ]``VY UV Y hc

- %" I bXYfghUbX`]bXi ghfmfYei ]fYa YbhgʻZcfʻZ hi fYʻci fbU`]ga 'hfU]b]b[ 'UbX'ci fbU`]gh]Wg\_]``gʻUbX Uhhf]Vi hYg
- &" 7 f]h]WU``mYj U`i UhY`'ci fbU`]gh]WbYk g`fYdcfh]b[ 'dfUWf]WYg`UbX`h\Y`Wca a i b]WUh]j Y`Z bWf]cbU`]hmicZ bYk g`fYdcfh]b[ 'hYl hg
- ' "8YjY`cd`Ub`i bXYfgHJbX]b[`cZh\Y`gcW]U``fY`Uh]cbg\]dg`UbX`]bhYfUW]cbg`]bj c`j YX`]b`h\Y`bYk g [Uh\Yf]b[`UbX`Z]`hYf]b[`dfcWYgg
- $("8YjY`cd'g\_]``g']b'WcbW']j ]b[ žfYgYUfWk]b[ 'UbX'dfcXi W]b[ 'bYk g'fYdcfhg'UWfcgg'U'fUb[ Y'cZX]ZZYfYbh 'ci fbU`]gh]WWcbhYl hg$

#### HYUWX]b[ 'GhfUhY[]Yg'

#### FUNCbU'Y.

H\Y``YWi fY`fja Y`k]```VY`XYj chYX`fc`ci h]b]b[`'UbX`X]gWi gg]b[`fh\Y`j Uf]ci g`ghU[Yg`cZh\Y`bYk g`fYdcffjb[dfcWigg`UbX`fc`U`XYhU]`YX`YI d`cfUfjcb`cZh\Y`X]ZYfYbhimdYg`cZbYk g`fYdcffiUbX`fh\Y]f`ghm]gfjWUbX`fYI h Wa dcg]hjcbU``dfcdYffjYg"`H\Y`fi fcf]U`g`k]```VY`XYj chYX`fc`YI YfWjgYg`UbX`X]gWi gg]cb`XYg][bYX`fc`XYj Y`cd ghi XYbhgf3`dfUWfjWU``g\_]``g`]b`WcbWY]j ]b[žfYgYUfWX]b[`UbX`kf]hjb[`bYk gžUbX`]b`Wf]hjWU``mYj U`i Ufjb[`UbX

# 5ggYgga Ybh

Hi hcf]U``HJg\_g`fUb[Y`Zfca `W ffYbhUZU]f`ei ]nnYg`UbX`YI YfW]gYgžigi Va ]hhYX`hc`mci f`K ⊋ Žhc`hk c`dfYdUfYX k f]h]b[``HUg\_g`h\Uhk]```VY`Zcfa U``mgi Va ]hhYX`j ]U`A ccX`Yž'Wca df]g]b[``%&")`i ``YUWX"`GYY`A ccX`Y`Zcf`h\Y gi Va ]gg]cb``]b\_g`UbX`a cfY`]bZcfa Uh]cb"`H\Y`(, `\ci fg`XYUX`]bY`]g`YbWci fU[YX`Zcf`h]a Y`a UbU[Ya Ybh'

H\Y`UWi U``XYUX`]bY`]g`Vm9B8`C: `7@5GG`cfž`Zcf`h\Y`lk c`gdYW]Z]Wa Uf\_YX`li lcf]U``Ugg][ ba Ybhgž&(\ci fg``UhYf`j ]U`A ccX`Y"H\Y`bYk g`ghcfmWb`VY`k f]h\Yb`]b`Y]h\Yf`bUffUhj Y`bYk g`cf`\UfX`bYk g`ghmY"`FYj]g]cb`cZbYk g`k f]h]b[ `ghm`Yg`]g`]b``YWi fY`%UbX`h\Y`Zfghhi lcf]U``fk YY\_`&L"

H\Y'YI Ua 'k]``VY`XfUk b`Zfca ']bZcfa Uh]cb`Zfca ``YWhi fYg`UbX`hi hcf]U``UWhjj ]h]Yg"'9bgi fY`mci `UhhYbX`h\Y`YWhi fYg`k\YfY`dcgg]V`Y`hc`Ug\_'ei Ygh]cbg`UbX'dUfh]W]dUhY`]b`k cf\_g\cd`UWhjj ]h]Yg`]b`h\Y``YWhi fY"

#### 5ggYgga Ybh'HUg\_g'

5ggYgga Ybh'tUg_	K Y][\h	8iY'8UHY	Ghi XYbh@YUfb]b[ Ci hWca Yg 5ggYggYX
BYkg'dfcXi Wgcb'dUW_U[Y'	&) ı	\$%#%\$#&\$%_`%%\$\$`DA	%ž&Ž Ž(
Hi hcf]U``DfYdUfUh]cb`	&) ı		

5```rlug\_g`a i ghVY`Wca d`YhYX`Vmih\Y`YbX`cZWUggžcf`Zcf`h\Y`lk c`llug\_g`h\UhUfY`a Uf\_YX`fl\&")`ı `YUW\E``&(\cifq``UhYf`hc`A ccX`Y"`F YZYf`hc`h\Y`qW\YXi `Y`Zcf`a cfY`]bZcfa Uh]cb"`

Gi Va ]gg]cb bchYg. ± WUgg j ]U K ]\_] cf A ccXY

 $\label{eq:higher} \mbox{Hi fb]h]b gYhh]b[...H\]g]gbchU'Hi fb]h]b Ugg][ba Ybh]$ 

5ggYgga Ybh' . : ]bU`Yl Ua

GhUfhXUhY. Bch5dd`]WUV`Y

 $8YHJ]^g. "-\ci fYI Ua "'H\]g^]g^H\Y^Z]bU^UggYgga YbhHJg_"9I Ua "]g^[ fUXYXž'k ]h\'k cf_'UggYggYX^U[ U]bgHUgYhcZWf]hYf]U"$ 

5XX]h]cbU`XYhU]`g.

D`YUgY`gYY`<u>I\_BGK\_'YI\_Ua\_'UX^</u>gha\_Ybhg`Zcf`]bZcfa\_Uh]cb`]ZfYei\_]fYX"

.

# Gi Va ]gg]cb cZ5ggYgga YbhHUg\_g

 $Gh\ XYbhg\ 'UfY\ 'YI\ dYWhYX\ 'hc\ 'di\ hh\ Y]f\ 'bUa\ Yg\ 'UbX\ 'gh\ XYbhbi\ a\ VYfg\ 'cb\ 'Yj\ YfmdU[\ Y\ 'cZh\ Y]f\ 'Ugg][\ ba\ Ybhg\ ''$ 

Hi fb]h]b Gi Va ]gg]cb

- K cf\_'gi Va ]hhyx'%5'hc'% 'XUmg'UZhYf'h\Y'gh]di `Uhyx'XYUX`]bY'k ]``'VY'UggYggYX'UbX'ZYYXVUW\_dfcj ]XYX'Vi h'U'a Uf\_'cZnYfc'k ]``'VY'fYWcfXYX'''=Zh\Y'k cf\_'k ci `X'\Uj Y'fYWf]j YX'U'dUgg'a Uf\_'Vi h'Zcf h\Y'`'UhYbYgg'UbX'h\Y'k cf\_']g'U'Wca di `gcfm'Wci fgY'Wca dcbYbh'f\i fX`Y'fYei ]fYa Ybhz'U'gh XYbh'k ]`` VY'XYYA YX'hc'\Uj Y'a Yhh\Uh'fYei ]fYa Ybh/
- K cf\_'gi Va ]hhYX`&\$`cf`a cfY`XUmg`UZhYf`h\Y`gh]di `UhYX`XYUX`]bY`k ]```bchVY`UWW\dhYX`Zcf UggYgga YbhUbX`k ]```fYWY]j Y`bc`ZYYXVUW\_ža Uf\_'cf`[ fUXY"'=Zh\Y`UggYgga YbhHUg\_']g`U`Wca di `gcfm Wca dcbYbhcZh\Y`Wci fgY`U`gh XYbhk ]```fYWY]j Y`Ub`l bgUh]gZJWcfm: U]``fl : Ł`[ fUXY`Ug`U`fYgi `hcZ i bgUh]gZJWcfmdYfZcfa UbWY`]b`Ub`YggYbh]U``Wca dcbYbhcZh\Y`Wci fgY"

H\]g']bZcfa Uh]cb']g'U`gc'Uj U]`UV`Y'Uh

\hdg.#k k k "Uffg"i bgk "YXi "Ui #W ffYbhgh XYbhg#UWJXYa ]W]bZcfa Uhcb#dfchcWc`g![i ]XY`]bYg#

#### GdYWJU`7cbq]XYfUhcb55dd`]WUhcbq

 $\label{thm:condition} $$Mci_WUb_Udd_mZcf_gdYW_JU^*Wcbg]XYfUh_Jcb_k_Yb_]^bYgg_cf_ch_Yf_W_fW_a_ghUbW_g_Jbh_YfZ_YfY_k_]h_mci_f_UggYgga_Ybh_dYfZ_cfa_UbW_"$ 

G]W\_bYggža ]gUXj Ybhi fY'cf'ch\Yf'W]fW a ghUbWrg'VYmcbX'mci f'Wcbhfc``a Um

ł DfYj Ybhmci Zfca Wca d`Yhjb[ 'U'Wci fgY'fYei ]fYa Ybhž

ł? YYd mci Zfca 'UttYbX]b[ 'Ub'UggYggUV'Y'UWt] ]tmž

ł Ghod moi igi Va ]hh]b[ iUggYggUV Y k cf\_ Zcf U Wci fgYž

ł G][ b]ZJWUbhmiUZZYWimci fidYfZcfa UbWY]biUggYggUVYkcf\_žVYjhUiZcfa U`YbX!cZgYa YghYfiYl Ua ]bUhjcbžU WUggihYghžU`UVcfUhcfmhYghžU`gYa ]bUfidfYgYbhUhjcbicfiUbmch\YfiZcfa icZUggYgga Ybh'

cfilia fth Yfixyfuljgi]bify`uhjcbihciGdYWju`i7 cbg]XYfuhjcbi]bWi X]b[iiK \Ybihci5dd`mižii<ckihci5dd`mi`ubXiiGiddcfhjb[i8cWia Ybhuhjcbiid`YugYifyZyfihcih\YiGdYWju`i7 cbg]XYfuhjcbik YVg]hY.ii\hdg.#ghiXYbhibgk "YXii"ui #gdYWju`iWcbg]XYfuhjcb

#### 5 WUXYa ]W<cbYghmUbX D`U[]Uf]ga

D`U[]Uf]ga `]g`i g]b[ 'h\Y`k cfXg`cf`]XYUg`cZch\Yfg`UbX`dfYgYbh]b[ 'h\Ya `Ug`mci f`ck b"'\lefi\Wb'hU\_Y`a Ubm Zcfa gžZfca `XY`]VYfUhY`W\YUh]b[ 'hc`UVW]XYbhU`mWcdm]b[ 'Zfca `U`gci f\W' k ]h\ci hUW\_bck `YX[ Ya Ybh'

IBGK [fcidgdu[]Uf]ga ]bhch\YZc``ck]b[ WUhY[cf]Yg.

7 cdm]b[.'i g]b['h\Y'gUa Y'cf'j Yfmg]a]`Uf'k cfXg'hc'h\Y'cf][]bU`hYl h'cf']XYU'k]h\ci h'UW\_bck `YX[]b['h\Y gci fW'cf'i g]b['ei chUh]cb'a Uf\_g"'H\]g'U`gc'Udd`]Yg'hc']a U[Ygž'Ufh'UbX'XYg][b'dfcYWhgž'Ug'k Y``'Ug dfYgYbhUh]cbg'k \YfY'gca YcbY'dfYgYbhg'Ubch\Yf'g']XYUg'cf'k cfXg'k]h\ci h'WfYX]h'

⇒ Uddfcdf]UhY 'dUfUd\fUg]b[...7\Ub[]b[ 'U'ZYk 'k cfXg'UbX'd\fUgYg'k \]'Y 'a cghmfYhJ]b]b[ 'h\Y'cf][]bU` ghfi Wh fY 'UbX#cf'dfc[fYgg]cb'cZ]XYUg'cZh\Y'cf][]bU'žUbX']bZcfa Uh]cb'k ]h\ci hUW\_bck `YX[Ya Ybh'H\]g'U`gc Udd`]Yg']b'dfYgYbhUh]cbg'k \YfY'gca YcbY'dUfUd\fUgYg'Ubch\Yf'g']XYUg'cf'k cfXg'k ]h\ci hWfYX]hUbX'hc d]YW]b[ 'hc[Yh\Yf'ei chYg'UbX'dUfUd\fUgYg']bhc'U'bYk 'k \c`Yžk]h\ci hUddfcdf]UhY'fYZYfYbW]b[ "

 $7c^{i}$  g]cb. 'k cf\_]b[ 'k ]th. 'cth. Yfg'Vi h'dUgg]b[ 'c\Zth. Y'k cf\_'Ug'U'dYfgcb'g']bX]j ]Xi U''k cf\_"'7c''i g]cb'U'gc

# 7ci fgY GWXYXi `Y

### J]Yk 'WUgg'ha YHUV'Y

# H]a YtUV`Y

8 UhY	HmdY	7 cbhYbh
K YY_'%'&' '>i `m!'&- '>i `m	@YWi fY	±bHfcXiWh]cb'hc'h\Y'7cifgY'UbX'BYkg'Kf]h]b[ FYj]g]cb
		6YZcfY``YWhifY`fYUX]b[.
		@Ua V`Yž`G"`f&\$%* Ł"`K f]h]b[`BYkg`Zcf`Df]bh'`@W'e 3e ;f: SbbW e"`A Y`VcifbY.`CIDž'dd"'%+'!%)&"
		@Ua V`Yž`G"`f&\$%* Ł"`K f]h]b[`BYk g`Zcf`Cb`]bY`UbX DcfhUV`Y`8Yj]WYg"``@Wie 3e;f : SbbW ež AY`VcifbY.`CIDždd"`%**`!%\$"
		H\YfY`UfY`BC`hihcf]U`g`h\]g`kYY_"`Hihcf]U`g`ghUfh KYY_`&"`
K YY_`&.'' \$`>i`m!`) 5i [igh		@YWNifY.`FYgYUfWX]b[`Ghcf]Yg.`FYUWN]jY`UbX DfcUWN]jY`FYdcfh]b[
		6YZcfY``YWhifY`fYUX]b[
		@Ua V`Yž`G"`f&\$%* Ł"``>ci fbU`]ga `F YgYUfW\"'@W'e Se [f: SbbW e"`A Y`Vci fbY.`C   Dž'dd"`-+'!'%&\$"
		Dc`YMjž>"`f&\$%&Ł`H\Y`Hk]MYf]gUNjcb`cZ±jYgNj[UNjYFYdcfn]b["`±j`G"HUbbYf'/ `B"F]W\UfXgcb` <agd s^[e_<br="">DWeWSdJZS`V;`hWef[YSf[a`[`S6[Y[fS^IadV`fIdd",,'!'%\$&amp;Ł"`AY`VcifbY.`CID"</agd>
		Hilmoof]U``%":HUg_`%:7iffYbh;5ZZU]fg`Ei]n;j]U AccX`Y"
K YY_''.'*'5i[igh!'‰ 5i[igh	@YWi fY	@YWnifY.FYgYUfWX]b['DUfh'&'.'H\Y DfcUWn]jY'Ghcfm'
		6YZcfY``YWhifY`fYUX]b[
		6UWcbžK "'f&\$‱Ł"'H\Y'FYgYUfW\'DfcWYgg"'+D'B" F]W\UfXgcb'UbX'G"'HUbbYf'f9XgŁ" <agd s{e_<br="">DWeWSdJZ S`V;`hWef[YSf[a`[`S6[Y[fS^IadVfdd" *)'!'+*Ł"'AY'VcifbY.'CID"</agd>
		Hi hcf]U``&"'HUg_`&"'`GcifVW`U`gYf]Yg`cZfYVWbh

		gcWJU`a YX]U'dcghg'h\UhifY`UhY'hc'U'fffYUWhj Yfighcfm'
K YY_'(.'%' '5i [i gh!'% 5i [i gh	@YWhifY	@YWhifY.'8UhU'>cifbU`]ga '6YZcfY'`YWhifY'fYUX]b[
		; fUmž'>"ž'6ci bY[fi ž'@"/ '7\Ua VYfgž'@"f&\$%&L"'±b h\Y'BYk gfcca "'FZW6SfS <agd :="" s`vtaa]ł<br="" sfe_="">7Ua Vf]X[Y.'Cff Y]`mž'dd"'&amp;\$'!'*\$"</agd>
		Hitof]U`' žHUg_''. D]hW\mcif ¥YU'Zcf'Ub'YjYbh VUgYX'bYkg'ghcfm'
K_YY_').'&\$'5i[igh!'&* 5i[igh	@YWn fY	@YWhifY.∵9IhYbX]b[mcifKf]h]b[k]h\∷YUhifY HYW\b]eiYg.∵5b≒bhfcXiWh]cb
		6YZcfY``YWhifY'fYUX]b[
		@Ua V`Yž`G"`f&\$%* Ł"`: YUhi fY`K f]h]b["`@Wie 3e;f : SbbW ežA Y`Vci fbY.`C   Dž'dd"`% '`!`% (" ? Ug]b[YfžA "ž`F]W.UfXgcbž`B"ž/`HUbbYfž`G"`f&\$%&Ł" 8YjY`cd]b[`K f]h]b[`HYW.b]eiYg"`8WSfgdWId[f[`Y FW^[`Y fZWE fackžA Y`Vci fbY.`C   Dž'dd"`, %!`%\$, "
		Hi hcf]U``(`HUg_'(.`
		5GG9GG98". "K f]hY"U" \$\$"k cfX"bYk gʻghcfmiZfca "U gi dd`]YX"dfYgg"fY`YUgYž"UbX'gci fWY"UXX]hJcbU` fYgYUfWX"UbX"Ub"YI ]ghJb[ "XUHU"j ]gi U`]gUhJcb"''
		Gi Va ]gg]cb Xi Y. &( '\ci fg UZhYf hi hcf]U` j ]U A ccX`Y``]b_"''&") 'i
K YY_'*.^&+^5i[igh!^& GYdhYa VYf	@YWhifY	@YWhifY. ≒bhfcXiWhjcb hcFUX]cKf]hjb[UbX DcXWUghg
		6 Y ZcfY '@YWhifY 'FYUX]b[ @UaV'Y z'G" 'f&\$%* L" ''Kf]h]b[ '6fcUXWUghBYkg" '@Wie 3e;f: SbbWie" 'AY'VcifbY. 'CID z'dd" '%) ''!%**"
		Hi hcf]U^). HUg_^). Hi fb^U^bYk g^ghcfm]bhc^U^ZYUh fY ghmY^]bhfcXi Wjcb"
K YY_'+." 'GYdhYa VYf'!'- GYdhYa VYf	@YWn fY	@YWhifY."H\Y"5fhcZ'h\Y"±bhYfj]Yk
		6YZcfY`@YWhifY`FYUX]b[ @UaVYfhž`G"`f&\$%* Ł"`±bhYfj]Yk]b["`@NWeew8s;fAs It : SbbW e"`AY`VcifbY.`CID
		Hi hcf]U``*ž'HUg_`*.`FUX]c'GWf]dh'91YfW]gY"
-		·

1		±ohfcXiVMjcbihciHF7inccai_jhg"i
K YY_', .'%\$'GYdhYa VYf'!	@YWhi fY	@YWhifY7cifhFYdcfh]b['UbX'@Y[U`=ggiYg
%* 'GYdhYa VYf		6YZcfY``YWhifY'fYUX]b[
		@Ua V`Yž`G"`f&\$%* Ł``7 ci fhgž`7 f]a Y`UbX`Gdcfh'`@W'e Se;f: SbbW ežA Y`Vci fbY.`CI D`dd`"&- (`!`' %+ @Ua V`Yž`G"`f&\$%*Ł``7 cbhYa dh'`@W'e 3e;f: SbbW ež A Y`Vci fbY.`CI Dždd"`&* &'!&+*
		Hi hcf]U``+`.`Bc'hUg_`XiY"`+bhYfj]Yk]b['dfUWh]WY"`
K YY_''%+'GYdhYa VYf'! &''GYdhYa VYf	@YVVi fY	@YWhifY.~CV^YWhjj]hmiUbX~6]Ug
		6YZcfY``YWhifY'fYUX]b[
		<pre>&lt; Ua a cbXžD"% '7 U`Wchtž5"'f&amp;\$%%L"'H\Y'F]gY'UbX : U```cZCVYWfj]hm" <agd "'@cbxcb'#byk'="" "<="" '!%%="" +="" -="" 3="" 5="" ;`fdavguf[a`="" dff[us^="" efgv[we,="" fci="" hyx[yždd"'="" mcf="" pre="" s{e_=""></agd></pre>
		Hi lpf]U``, ž'Hi lpf]U``HUg_`+'5GG9GG98.`K f]hY`U bYk gʻglpfmZca 'Uʻgi dd`]YX`Wci fh^X[Ya Ybh''&( \ci fgʻZca 'hi lpf]U`'lpc'gi Va ]hZ bU`"'ff\&")`ı Ł
6fYU^&( 'GYdhYa VYf'! ' \$'GYdhYa VYf		
K YY_'%\$.'%'CW\cVYf'!'+ CW\cVYf	@YWhi fY	@YWhifY. '9h\]WU`≔ggiYg`]b`BYkg`FYdcfh]b["
CVVCVII		6YZcfY``YWhi fY'fYUX]b[
		@Ua V`YžG"'f&\$%* Ł"`>ci fbU`]ga '9h\]Wgž@W e Se [f : SbbW e"'A Y`Vci fbY. 'C I Dž'dd"'*%!', %' K UggYfa Ubž<"fk\$%\$`Ł"'H\Y'GYUfW\'Zcf'; `cVU` A YX]U'9h\]Wg"'+b'7"A YmYfg'f9XŁ"' <agd 7fz[ue<br="" s1e_="">S BZ['aeabZ[US^3bbdaSUZž</agd>
1		

### FYgci fWyg

### DfYgWf]VYX F Ygci fWYg

HYI Mcc

@Ua V`Yž`G`f&\$%\*Ł`@W`e Se [f: SbbW`e"`A Y`VcifbY.`CID"`±i]g`fYWca a YbXYX`h\Uhimci`\UjY`mcif`ck b Wcdmž`Zcf`ibfYghf]WhYX`UWWygzčUjU]`UV`Y`Zfca 'h\Y`IBGK`Vcc q\cdfq`Y6cc\_``]b "

Ch\Yf^fYUX]b[g^UfY^Uj U]`UV^Y^Zfca ^h\Y^`]VfUfmWci fgY^fYUX]b[g^]Wcb^j ]U^A ccX^Y"^

Ncca 'fYWcfXYfg'UbX'a cV]'Y''ci fbU`]ga '\_\_]hg'WUb'VY'Vcffck YX'Zfca 'h\Y'HYW\b]WU``F Ygci fWY'7 YbhfYž F cVYfh'K YVghYf'6i ]'X]b[ z'dYbX]b[ 'dfcZ]W]YbWh''

#### FYWca a YbXYX FYgci fW/g

H\Y`Wci fgY`fYei ]fYg`Vch\`bUh]cbU``UbX`]bhYfbUh]cbU``W ffYbhUZJJ]fg`\_bck `YX[Y"`'±i]g`fYWca a YbXYX ghi XYbhg`fYUX`k ]XY`m'UWfcgg`5i ghfU`]Ub`UbX`]bhYfbUh]cbU``bYk g`UbX`W ffYbh'UZJJ]fg`d`UhZcfa g"

#### Gi [ [ YghYX ZfYY bYk g g]hYg.

567]j Yk 'fbYk g'WkUbbY'`-'+" \$'fYdcfhž'H\Y'8fi a ž'A UhhYf'cZ: UWhUbX': ci f'7cfbYfgŁ UVWbYh'Ui 567 'fUX]c 'bUh]cbU`'#hf]d`Y'>'#567 'GmXbYmF UX]c gVg"Wca "Ui 6i nnZYYX'bYk g' h\Y[i UfX]Ub"Wca #Ui h\Y'Wcbj YfgUh]cb"Wca '#Ui

#### @]a ]hYX ZfYY j ]Yk ]b[.

ga \"Wca "Ui bmh]a Yg"Wca gWa Ud"Wca

## 7ci fgY 9j U'i Uh]cb UbX 8Yj Y'cda Ybh

 $H\[g'WcifgY']g'VY]b[\ 'ghfYUa\ `]bYX'UbX'ZYYXVUW\underline{\ '}h\fci[\ \cihh\ Y'WcifgY']g'k\ Y`Wca\ Y'Ug'k\ Y```Ug']b'fam Yl\ dYf]YbWffigi\ fj\ Ymg''$ 

#### ⇒a U[Y'7fYX]h

6cX]Yg'/ \*\D\YfZJ\W\g'\&\\$\%\*

#### 7F = 7CG

7F=7CG'Dfcj ]XYf'7cXY.'\$\$\$-,;