



# **MDIA3002**

Ai`hjd`UhZcfa'AYX]U

GYa YghYf'C bY''#'&\$%

# 7 ci fgY<sup>·</sup>Cj Yfj ]Yk

# `GHJZZ`7cbHJWh`8YHJ]`g`

## '7cbj Ybcfg'

BUa Y	9a U]`	5j U]`UV]`]m	@cWUhjcb	D∖cbY
? Yff]Y`8Uj_]Yg	_"XUj ]Yg4 i bgk "YXi "Ui	VmUddc]bha Ybh	' %%7 FcVYfh KYVghYf	-',)(,)*

## "Hihcfg"

BUa Y	9a U]`	5j U]`UV]`]m	@cWUhjcb	D∖cbY
7∖f]g`FcX`Ym	_"XUj ]Yg4 i bgk "YXi "Ui			

## GWXcc``7cbHJWhi=bZcfaUhjcb

Fcca " ‰ž"Yj Y" FcVYfhK YVghYf6i ]X]b[

D\cbY.`f\$&Ł`- ' , ) `( , ) \*

9a U]`. '<u>gUa 4 i bgk "YXi "Ui</u>

K YVg]hY. <u>httdg.##gUa "Ufhg"i bgk "YXi "Ui</u>

GWJYbWYg. <u>\http://thdg.#k.k.k."Ufhg"ibgk"YXi"Ui #WffYbHghiXYbhg#JWUXYa]W]bZcfaUh]cb#dfchcWc`g![i]XY`]bYg#</u>

#### 5WUXYa]W=bZcfaUh]cb

: cf`YggYbh]U``ghi XYbh]bZcfa Uh]cb`fY`Uh]b[`hc.`fYei Yghg`Zcf`YI hYbg]cb/fYj ]Yk `cZa Uf\_g/cVWV dUh]cbU``\YU`h UbX`gUZYhm'YI Ua ]bUh]cb`dfcWYXi fYg/gdYW]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 qYY`<u>hhda.#k k "Ufhq"i bak "YXi "Ui #W ffYbhah XYbhq#UWUXYa ]W]bZcfa Uh]cb#dfchcWc`a![i]XY`]bYa#</u>

## 7ci fgY<sup>·</sup>8YHJ]`g

### 7 fYX]hDc]bhg`\*`

## Gi a a UfmcZh\Y 7ci fqY

#### GivYWh5fYU.?WW[S

H\]gʻWci fgYʻZcW gYgʻcbʻh\YʻZ h fYʻg\_]`gʻh\Uhʻci fbU`]gaʻ[ fUXi UhʻgʻbYYX hcʻVY`]bXi ghfmfYUXmʻH\]gʻa YUbg a Ughʻf]b[ʻg\_]``gʻ]bʻUbX`XYj Y`cd]b[ ʻUʻWf]hJWU``UddfcUW\`hcʻUi X]cžj ]gi U``UbX`j YfVU``Zcfa gʻcZʻci fbU`]ghJW dfcXi Wf]cb''`6mYI dYf]a YbhJb[`k]h\j ]gi U``UbX`Ui X]cʻghcfmhY``]b[ žh\YʻgdYWJZWU]a ʻcZh\]gʻWci fgY`]gʻhc dfcXi Wf`a Uhʻf]U``fYUXmZcf`fUX]c! `UbX`HY`Yj ]g]cb!ghmY`bYk gʻ]h'a g''`GdYWJU``UhhYbhJcb`]gʻ[ ]j Ybʻhc`bYk ʻZcfa g UbX`ghmYgʻcZ'ci fbU`]ga 'Ya Yf[ ]b[ `cbʻh\Y`]bH'fbYhžk \YfY`Ui X]cžj ]gi U`žj YfVU``UbX`]bh'fUWhJjY`Ya Ybhg Vca V]bY`]b`]bbcj Uhji Y`k Umgʻhc`hY``bYk gk cfh\ma i `h]!gYa ]chJWghcf]Yg''5gʻci fbU`]ghžj ]XYc[ fUd\Yfžgci bX Yb[ ]bYYfždfcXi Wff`UbX`YX]hcfžZ h fY`ci fbU`]ghgʻbYYX hc`X]gd`Um[ fYUh'f`ZYI ]V]`]mUbX`U`XY[ fYY`cZ YI dYf]a YbhUhjcb`]bʻh\Y]f`bYk g`[ Uh\Yf]b[ `dfUWhJWfg''H\]gʻVci fgY`dfcj ]XYgʻgh XYbhgʻk ]h`h\Y`cddcfh b]mhc XYj Y`cd`h\YgY`g\_]``gžUbX`hc`UXX'j U`i Y`hc`h\Y`]bZcfa Uhjcb`h\Ym[ Uh\YfžVch`]b`hYfa gʻcZdfcXi WJb[ Wca dY``]b[ `ghcf]YgʻUbX`]b`YI dYf]a YbhJb[`k]h\`a i `h]d`UhZcfa `bYk g`[ Uh\Yf]b[ `UbX`X]ggYa ]bUhJcb`dfUWf]Wfg''

### 5 hih Y WobWi g]cb cZih ]g Woi fgY h Y ghi XYbhk ]``VY UV Y hc

- %" I bXYfgHUbX`]bXi gHfmfYei ]fYa Ybhg`Zcf`Z hi fY`ĉi fbU`]ga `HfU]b]b[ `UbX`ĉi fbU`]gh]Wg\_]`g`UbX Uhff]Vi HYg
- &" 7 f]ŋWU``mYj U`i UhY h\Y fc`Yg`d`UmYX'Vmk f]hhYbž'j ]gi U``UbX'Ui X]c`Y`Ya Ybhg`]b'h\Y`a i `h]d`UhZcfa ghcfmhY``]b[`dfcWfgg
- ' "9ZYW]j Ý`m]bWcfdcfUHY k f]HYbžij ]gi U``UbX`Ui X]c`]bZcfa Uh]cb
- ("I bXYfgHUbX'h\Y'gHYb[h\g'UbX'k YU\_bYggYg'cZk f]hHYbž'j]gi U``UbX'Ui X]c']bZcfa Uh]cb']b'h\Y ghcfmHY``]b[`dfcWigg
- ) "K cf\_'tc['Yt\Yf']b'U'Wc``UVcfUhjjY'Ybj]fcbaYbhtc'kf]hY'UbX'dfcXiWY'cf][]bU``UbX'WcadY``]b['gtcf]Yg h\UhWcaV]bY'kf]hYbžj]]giU``UbX'UiX]c'Y`YaYbng'tc'h\Y]f'aUl]aia'dchYbhJU`

### HYUWX]b[ GhfUhY[]Yg

DSf[a`S₩

FZ[e UagdeWTg[/Ye a` fZWe] [^e S`V]`ai WWYWkag ZShWVWhWabWW [` kagd WhW# S`V \$ UagdeWe [ 5a\_\_g` [USf[a`` <agd S^[e\_žFZ[e\_WS`ei WW] bWUf kag fa Ua\_Wfa fZ[e UagdeWdMSVk fa g` VWdfS] W eUZa 'Sd'k dWeWSdUZ [ fa fZWUa`efdgUf[a` aX'agd S^[ef[U fW] fe [` i Z[UZ kag VdSi a` fZWdWWhS`f dMeWSdUZ {fWdSfgdWfa [`Xad\_ kagdS` S\*keWe aXbgT {eZVW efad{WežI WS'ea W] bWUf kag fa TWdMSVk fa fS] Wa` fZW bdaVgUf[a` aXad[Y[ S^'agd S^[ef[U efad{We fZSf [`UadbadSfW[\_SYWE S` V eag` VžFZ[e\_WS` e fZSf kag eZag V TWi W^2hWdeWW [` Zai fa SbbdaSUZ S` V [`fWdh[Wi] ] Wk eagdUMe Xadkagdefadk S` V fa Ua` VgUf S^^[` fWdh[Wi e [` S bdaXWee[a` S^S` V WfZ[US^\_S` Wdz Kag eZag V S'ea S'dMSVk TWXS\_ [1Sdi [fZ fZWefdgUfgdWS` V WW\_ W fe aXS XWSfgdWefack S` V kag eZag V S'ea ZShWS i W^2VWhWabWW eW eWaXi ZSf\_S] WXadS Ua\_bW^{` Y` Wi e efadkž

#### HYUWX]b[ 'GhfUhY[m

#### @YWhifYg.

H\Y`YWi fY`hjaY`k]```gYfjY`hc`YI dUbX`mci f`i bXYfgHUbX]b[`cZW ffYbha i `hj!aYX]UhYX`]bXi ghfmWcbhYI hg`UbX h\Y`fYei]fYaYbhg`Zcf``ci fbU`]ghg`hc`VY`g\_]``YX`]b`gYjYfU``UfYUg`cZa i `hjd`UhZcfa``ci fbU`]ga"`G\_]``g`h\Uh\UjY U`fYUXmVYYb`Hui [\h]b`%\$\$!`UbX`&\$\$!`Yj Y``7 ca a i b]WUh]cb`UbX`>ci fbU`]ga `Wci fgYg`k ]```VY`fYj ]Yk YX`k ]h fYgdYWihc`h\Y`a i `h]d`]WUh]cb`cZa YUb]b[ `h\UhicVWV fg`k \Yb`h\Y`X]ZYfYbhY`Ya Ybhg`fk cfXgžgci bXgž`]a U[ YgŁ UfY`Wca V]bYX`]b`h\Y`a i `h]gYa ]ch]WYbj ]fcba Ybh"

H\Y`YWi fY'h]a Y`k]```gYfj Y`hc`Yl dUbX`mci f`i bXYfghUbX]b[`cZW ffYbha i `h]!a YX]UhYX`]bXi ghfmWcbhYl hg`UbX h\Y`fYei]fYa Ybhg`Zcf``ci fbU`]ghg`hc`VY`g\_]``YX`]b`gYj YfU``UfYUg`cZa i `h]d`UhZcfa `ci fbU`]ga "`G\_]``g`h\Uh\Uj Y U`fYUXmVYYb`hUi [\h`]b`%\$\$!`UbX`&\$\$!`Yj Y``7 ca a i b]WUh]cb`UbX`>ci fbU`]ga `Wci fgYg`k]```VY`fYj ]Yk YX`k]h\ fYgdYWihc`h\Y`a i `h]d`]WUh]cb`cZa YUb]b[`h\UhcWW fg`k\Yb`h\Y`X]ZYfYbhY`Ya Ybhg`fk cfXgž`gci bXgž`]a U[ YgŁ gfhc'Wc`a/ay]&`jXa]b`%fV\&n]j`Yhg\aaY]dh]W/kbjY]gcTaaYbhjYX`Y`Y`Z/Uf``a WJYY``YWi fY\ a YUg`K]```VUfY\`fha Y`ddY`]WUh]VY

5 hkci [\`h\Y`h\YUHY`UbX`WUgg`g]nY`UfY``Uf[YžkY`gh]```gYY\_`hc`a U\_Y`h\Y``YWhifYg`Ug`]bhYfUWh]j Y`UbX Wb[U[]b[`Ug`dcgg]V`Y"`5hh]a Ygžmci '```VY`YbWcifU[YX`hc`gdYU\_`UbX`Ug\_`eiYgh]cbgž`\UjY`mcif`gUmž`hc`cZYf ]XYUg`UbX`dUfh]W]dUhY`]b`XYVUhYg"`KY`kUbhmci`hc`gYY`h\Y``YWhifY`Ug`U`WXUbVW`hc`h\]b\_`hc[Yh\Yf`bch a YfY`mWcbgi a Y`dfY!dUW\_U[YX`\_bck`YX[Y"`Gc``]ghYbžfYZYWhUbX`[Yh]bj`c`jYX"`H\Y``YWhifY`g`]XYg`k]``VY Uj`U]`UV`Y`cb`h\Y`WcifgY`AccX`Y`kYVg]hY`VYZcfY`h\Y``YWhifY"`<ckYjYfžXiY`hc`Wcdmf][\hfYei]fYaYbhg`U`ch

# 5ggYgga Ybh

5 ```dfcXi Wijcb`]XYUg`a i ghVY`Uddfcj YX`Vmmci f`h hcf"

∔i]gʻYbWcifU[YXʻH\UhmciʻdfYgYbhmcif`cf][]bU``dfcXiWMjcb`]bʻZfYYʻai`hjd`UhZcfaʻZcfaUhgʻk\YfYʻdcgg]V`Yž giW\ʻUgʻ<u>5hUj]gh</u>z`cf``]b\_gʻj]UʻJ]aYcž`GcibXWciX`cf`MciHiVY'''MciʻWUbʻdfcj]XYʻH\YgY``]b\_gʻj]UʻAccX`Y`H\Y

a i gh'VY 'Wcdmf][\h'ZfYYžgc'gi dd`]YX 'Zfca 'di V`]Wjmžh\Y'ck bYf'cZd\chc'cf'WfYUhjj Y 'Wca a cbg'`]WfbWf'L"

&" 5 Z]jYhcigYjYbia]bihYidcXWUghžk]h\i]aU[YifWcdmf][\hZfYYŁ"

' "5 ZjjYhc gYjYb a ]bihY j ]XYc"

("``5`-\$\$`!`%&\$\$`k cfX`ZYUH fY`5B8`g\cfhfcbY`hc`hk c`a]bi hYgŁdcXWUghcZcbY`cZ'h\Y`]bhYfj]Yk g`]b h\Y`ghcfm```Mci`g\ci`X`bch\UjY`hc`Xc`UXX]h]cbU``]bhYfj]Yk g`Zcf`h\]g`WcadcbYbhž`fUh\Yf`YX]hUb`UiX]c fYWcfX]b[`cZcbY`cZmcif`]bhYfj]Yk g"

) "``5`-\$\$`!`%&\$\$`k.cfX`ZYUHifY`5B8`g\cfhifbbY`hc`h\fYY`a]bi HYgŁj]gi U``fY`UHYX`hc`h\Y`ghcfm!`Y"[`'Ub ]bhYfj]Yk`'h\Uhmci `Z]`a YX`fUbX`i gYX`HUbgWf]dh]b`ghcfmŁcf`cdYb]b[``ccd`j]XYcž``cWUh]cb`j]XYcžcf`ch\Yf`fY"[ ; cc[`Y`YUfh\žXUHU`j]gi U`]gUh]cbž'UfW\]jU``ZcchJ[YŁ"

Gi Va ]gg]cb`bchYg.A ccX`Y`H\Y`6cl`!`d`YUgY`hU\_Y`bchY`cZgi Va ]gg]cb`]bghfi Wijcbg

Hi fb]h]b'gYh]b[.'H\]g']g'bchU'Hi fb]h]b'Ugg][ ba Ybh

5ggYgga Ybh(.FYUX]b[ >ci fbU`

GHUfhXUHY. Bch5dd`]WUV`Y

@Yb[h.'9ei]j "%\$\$\$ k cfXg

**8YHJ]`g**. `Gh XYbhg`a i gh'Wca d`YhY`Y][ \hWf]h]WU``fYZYWh]cbg`cb``]gh'X`Wci fgY`fYUX]b[ g`fUddfcl "``Yb[ h`dYf Wca a Ybh`&) \$`k cfXgŁ"'6Ygh'Zci f`Ybhf]Yg`hc`VY`gi Va ]hh'X`Zcf`Z]bU``UggYgga Ybh''5```Y][ \h`Ybhf]Yg`a i gh'VY Wca d`Yh'X`VmXYUX`]bY`hc`Uj c]X`nYfc`a Uf\_`Zcf`HUg\_"9ei ]j "`%\$\$\$`k cfXg"C b[ c]b[ `k f]hhYb`ZYXVUW\_'j ]U Wca a Ybh'Z bWh]cb`Uh'Wci fgY`k ]\_]": cfa U``k f]hhYb`ZYXVUW\_`VUgYX`cb`UggYgga Ybh'Wf]hYf]U`Uh'YbX`cZWci fgY k ]h`[ fUXY#a Uf\_"

#### 5XX]h]cbU``XYhJ]`g.

H\Y`fYUX]b[`\*cifbU`g`UfY`XiY`U`**kYY\_`UZhYf`h\Y``YWfifY`h\YmfY`UhY`hc**"`=b`gcaY`kYY\_g`h\YfY`]g`YIhfU`h]aY XiY`hc`Ubch\Yf`UggYggaYbhXiY`XUhY"

H\Y`Z]bU``gi Va ]gg]cb`]g`mci f`VYghZci f`či fbU``Ybhf]Yg"`Hc`Z `Z]``h\]g`Ugg][ ba YbhžfYUX]b[ `či fbU` Ybhf]Yg`a i ghVY`gi Va ]hhYX`h\fci [ \ci hih\Y`gYa YghYf"

FYZYf'hc'h\Y`FYUX]b[`>cifbU``]bghfi Wf]cbg'Zcf'Z fh\Yf']bZcfa Uh]cb"'

Gi Va ]gg]cb bchYg.Cb[c]b[ "

Hi fb]h]b`gYh]b[.`H\]g`Ugg][ ba Ybh]g`gi Va ]hYX`h\fci [ \`Hi fb]h]b`UbX`ghi XYbhg`Xc`bchgYY`Hi fb]h]b g]a ]`Uf]hmifYdcfhg"

## Gi Va ]gg]cb cZ5ggYgga YbhHUg\_g

Gh XYbhg UfY YI dYWYX 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

Zmci YbWci bhYfU'dfcV`Ya k∖Yb'UhYa dh]b['hc'gi Va]hmci f'Ugg][ba Ybhih∖fci [∖'Hi fb]h]bž'd`YUgY hY`Yd\cbY'9I hYfbU``Gi ddcfhcb'-',)'''' %cf'Ya U]`th\Ya cb'<u>YI hYfbU`hY`hgi ddcfh4 i bgk "YXi "Ui</u> ł `G][ b]Z]WUbhmUZYWimci f`dYfZcfa UbWi`]b`UggYggUV`Y`k cf\_ž`VY`]hU`Zcfa U``YbX!cZigYa YghYf`YI Ua ]bUh]cbž`U WUgg`hYghž`U``UVcfUhcfmhYghž`U`gYa ]bUf`dfYgYbhUh]cb`cf`Ubmich\Yf`Zcfa `cZUggYgga Ybh'

: cf'Z fh\Yf'XYHJ]`g`]b`fY`UH]cb`rc`GdYW]U``7 cbg]XYfUH]cb`]bWi X]b[`''K \Yb`rc`5dd`mf'Z''<ck`rc`5dd`mf'UbX "Gi ddcfh]b[`8cW a YbHJh]cb"'d`YUgY`fYZYf'rc'h\Y`GdYW]U``7 cbg]XYfUH]cb`rk YVgh]Y.` \hhdg.##gh XYbH'i bgk "YXi "Ui #gdYW]U`!Wcbg]XYfUH]cb

#### 5WUXYa ]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"`=hWUb`HU\_Y`a Ubm Zcfa gžZfca `XY`]VYfUHY`W\YUH]b[`Hc`UWW]XYbHU``mWcdm]b[`Zfca `U`gci fWY`k]H\ci hUW\_bck `YX[Ya YbH'

IBGK [fcidg'd`U[]Uf]ga ]bhc h\Y Zc``ck]b[ WUhY[cf]Yg.

7 cdm]b[..i g]b[.ih,Y`gUa Y`cf`j Yfmig]a ]`Uf`k cfXg`hc`h,Y`cf][.]bU``hYI h`cf`]XYU`k ]h\ci hUW\_bck `YX[.]b[.ih,Y gci fWF`cf`i g]b[.iei chUh]cb`a Uf\_g"`H\]g`U`gc`Udd`]Yg`hc`]a U[.Ygž`Ufh`UbX`XYg][.b`dfc`YWfgž`Ug`k Y```Ug dfYgYbhUh]cbg`k \YfY`gca YcbY`dfYgYbhg`Ubch\Yf`g`]XYUg`cf`k cfXg`k ]h\ci hWfYX]hY[.cf]Yg.

- VYHYfaUbU[Y'mcifh]aY
- i bXYfgHUbXimci f`f][ \hg`UbXifYgdcbg]V]`]h]Yg`Ug`U'gh XYbhUhI BGK
  VY`Uk UfY`cZd`U[]Uf]ga ž'Vcdmf][ \hz`I BGK `Gh XYbh7cXY`cZ7cbXi VhUbX`5VWVdHUV`Y`I gY`cZ IBGK '=7 HFYgcifWygDc`]Wm

•

# 7 ci fgY GWX YXi `Y

## <u>J]Yk WUgg'Ha YHJV`Y</u>

# H]a YHJV`Y'

8 UHY	Hmd Y	7 cbhYbh
	@Y₩i fY	əbrfcXi Whjcb. DfjbWjd`Yg`cZ7cbj Yf[ Ybh>ci fbU`]ga
A UfVX		
		FYUX]b[ g. '
		G]a cbgžA "'f&\$%&L"' <agd 5d[e[e="" [fk="" a="" bbadfg`="" s^[e_="" s`v="" sffzw5daeedasve,="" xad<br="">fZWBdNeežA Y`Vci fbYž5i ghfU`]U.'GW[]VY"'7&lt;5DH9F'CB9.'&gt;ci fbU`]ga 'Ug`Ub UWhcZYb[U[YX`W]h]nYbg\]dždd"%&amp;!&amp;&amp;"</agd>
		<y]bf]w\z55"`f&\$%&l"`; `cvu``bykg`9iw\ub[y`ubx`byhkcf_`="">cifbU`]ga" =b`7"`DYhYfg`/`A&gt;`6fcYfgaUz*f9Xg"LzFdgefS`VBSdf[U[bSf[a`[`SFdS`eXad_WW @WIe&gt;S`VeUSbW/dd"`, -!%\$%L"`BYk`Mcf_`#@cbXcb.`FcihYX[Y"</y]bf]w\z55"`f&\$%&l"`;>
		?c`cXnmž>"`f&\$%&Ł"`BoSUf[U[`Y 5a` hWoYW UW <agd 3`;`="" fa<br="" foavguf[a`="" s1[e_,="">5oaeeŽ? WW[S E faokfW1[`YžBYk 'Ncf_'#@cbXcb.'F ci hYX[Y"'<b>7&lt;5DH9F 'CB9</b>.</agd>

K YY_', .'&' '5df]`'!'&- 5df]`	@YWA fY	9h,]\\g`]b h,Y`\\cbj Yf[ YbhbYk gfcca F YUX]b[ g. ` 6YbXYfZ >F "Z8 Uj Ybdcfftž@8"Z8fU[ YfZA K "ZUbX:: YX`YfZ: "`fl&\$\$- Ł".D \\badf[ Y XdfZW? \\V[SZ-h`YX]]cbZBYk \\Cf_ZBM#C1 ZcfX'1 ? . `C1 ZcfX'1 b]] Yfg]m DfYgg"`7 < 5DH9F '&% '9h\]\\gZdd"`) ++!*\$' " 7 fU][ Z8 5"'f&\$%%£"%; UW\\VUV[`A` 个 \ <agd .="" ?="" `gu[="" s="" y"`<br="" {e_="" ž@dbxcbz1="">7 &lt; 5DH9F '&amp; '5b Yf\]\\U``Ybg'Zcf``cc_]b[ 'UhYI \\Y``Yb\\YZdd"% !&amp;( K UfXZG"'f&amp;\$%*E"H\Y`9h\]\\g`cZ8][ ]tU``&gt;ci fbU']ga ž]b`</agd>

m

		FYUX]b[g"
		@UbWUghYfz?"f&\$%&L"H[VWal <agd s1[e_="" wtzi="bhYfiXY.6UW_dUW_&lt;br" xadfzwi="">&gt;cifbU`]ga `8YZ]bYX"'dd`(\$!('"</agd>
		J]gž: "`f&\$% L"`Hk]hHYf`Ug`U`FYdcfh]b[`Hcc``Zcf`6fYU_]b[`BYkgž6[Y[fS^ <agd s*[e_1`f%l%z&+!(+<="" td=""></agd>
		Hcad_]bgž5"f&\$\$, E"@Yggcbg:fca'5`6UW_dUW_`>cifbU`]gh"DombhYf"cf[ \hndg.#kkk"dombhYf"cf[#bYkg#Yggcbg!VUW_dUW_!*cifbU`]gh
K_YY_`‰.`&%`A_Um'!`&+ A_Um	@YWM fY	7 ci fgY K fUd I d
A OIII		FYUX]b[g.
		>cbYgžG"'f&\$%+Ł"`8]gfi dh]b[ 'h\Y`BUffUh]jY.'a a Yfg]jY`>ci fbU`]ga `]b`J]fh U` FYU`]mf` <agd "<="" 'f&!'="" )="" s^ax?="" td="" wv[sbc6uf[uw`%="" łž%+%!`%=""></agd>
		5`Vf][\hz`>"`f&\$%+Ł"`K_Y`WcaY`hc`h\Y`9fU`cZ:U_Y`BYkg"`?WV[SS`V 5ag`[USf[a`ž&`f] Łž;+!,-"`
		@YY!K_f][\hzD"zD\]``]dgz5"zUbX:K_]hgV%[YzH"f&\$%&&`5ZS`Y[Y <agd_s^[e_" @cbXcbz1 ?.`Fci hYX[Y"7\UdhYf`:ci f. 8c]b[`]h5```]b`U'A i `h]!G_]``YX I b]j YfgY`dd`*' !, \$"`</agd_s^[e_" 
K YY_`% .`&, `A Um'!'' >i bY	GYa ]bUf	K YY_% `]gʻmci f`Ughk YY_`cZhi hcf]U`gžUgʻh\Y`hi hcf]U`gʻfi b`U`k YY_VY\]bX'h\Y `YVMi fYg"
		H\YfY`]g`bc``YWMifY`H\]g`kYY_"
		Mci f`UggYgga YbhCf][]bU``DfcXi WN]cb`]gXi Y`h\]g`k YY_"`D`YUgY`fYZYf`hc A ccX`Y`Zcf`UggYgga Ybhgi Va ]gg]cb`]bghfi WN]cbg"
		Mci f`fYUX]b[ `^ci fbU``Z]bU``gi Va ]gg]cb`fVYgh'Zci fE`]g`Xi Y`gccb"`
		H\YfY`UfY`bc`gYhfYUX]b[g`Xi Y`Vi hd`YUgY`fYZYf`hc`5ggYgga Ybhg`Zcf`XYUX`]bYg Zcf`mci f`fYUX]b[`^ci fbU``UbX`cf][]bU``dfc`YWf`

## F Ygci fWfg

#### DfYgWf]VYX F Ygci fWfg

H\YfY`]g`U`dfYg₩]VYX`fWcadi`gcfmŁ`Vcc\_`Zcf`h\]g`WcifgY`UjU]`UV`Y`Zfca`h\Y`IBGK`Vcc\_g\cd`UbX`U`gc`j]U h\Y``]VfUfm'`

#### 6YXbUfY\_žA "žUbX 7Ud Yž < "f&\$%&L" BYk g 8]gWci fgY"@cbXcb #BYk Mcf\_. 7cbh]bi i a "

H\]gʻVcc\_`k]``VYʻgi dd`Ya YbhYXʻVmfYUX]b[gʻgci fWYXʻZfca ʻči fbU`gʻUbXʻVcc\_gža cghcZk \]W\`k]``VY Uj U]`UV`Y`h\fci [\`h\Y``]VfUfmWUHU`c[i Y`cf`]b`ci f`A ccX`Y`g]hY`7 ci fgY`F YUX]b[gʻh\UhU`gc``]b\_gʻhc`h\Y `]VfUfmfgʻfYgci fWYg"`H\Y`Z ```fYUX]b[```]gh]gʻ]b`h\Y`k YY\_!Vmik YY\_`gi a a UfmcZ`YWi fY#YUX]b[`h]a YHUY`Yg" D`YUgY`UXj ]gY`h\Y`YWi fYf`cf`h`hcf`]Zmci `\Uj Y`X]ZZW`h]Yg`cVHJ]b]b[`UbmifYUX]b[g"

FYZYfihci'AccXiYiZcfi'hihcf]U`idfYdUfUh]cbi'aUhYf]U`ži]bWiX]b[i'aiiih]d`UhZcfaiYIUad`Ygih\Uhk]```VYifYZYffYXihc ]bi'hihcf]U`g''

#### 5XX]h]cbU`FYgci fWg"

6YXbUfY\_žA "`UbX`7Ud`Yž< "`f&\$%+Ł"`FZW6[eUagdeWaX@WieHS'gWe, : ai @WieAdYS`[eSf[a`e5dASfW @WieiadfZ[`Wee"`@cbXcbžI ?.`CID"

6YbXYfž>F "ž8UjYbdcfhž@8"ž8fU[YfžAK "žUbX": YXYfž: "`f&\$\$-Ł"`DWbadf[`YXadfZW? WV[Sž-h\ YX]h]cb"`BYk `Mcf\_#CIZcfX.`CID"

6i ``ž'5"'f&\$%\$'L''? g'f[\_ WV[S <agd S'[e\_ , 3 BdSUf[US^9 g[VWz BYk 'Mcf\_z'BM F ci hYX[ Y"

7fU][ž85"'f&\$%/{L"'7jUWWUW[`A`{`W<agd`S/[e\_ž@cbXcb"'I?.`GU[Y"

; ]hbYfž'G"'f&\$%\*'L"'? g'f[\_ WV[S E fackfW4]` Y Xad6 [Y[fS^5a\_ g` [USf[a` e"'BYk 'Mcf\_ž'BM'F ci hYX[ Y"'

; fUmž>"ž6ci bY[fi ž@"ž7\Ua VYfgž@"f9XgŁ"f&\$%&Ł"FZW6SfS <agd Sfe\_: S`VTaa]"GYVUghcdc`ž7U`.

AY]\_Yž; "žUbX`FYXXYbž; "`f9XgŁ"`f&\$%%L"``@W'eA`^{`W,FdS`eXad\_Sf[a`eS`V5a`f[`g[f[WežBYk`Mcf\_ž BM`DU`[fUjY`AUV&]``Ub"

C'8cbbY``žD"žAW?b][\hž8"žUbX`9ghYž>"žf&\$%&L"`<agd S^[e\_ SffZWEbWWW aX4kfWe, 3gefdS^[S` @W/ebSbWde[`fZW\$#ef5WfgdxžH\Y`KU`\_`Ym:cibXUh]cb#A955ž5ighfU`]Ub`FYgYUfW\`7cibW]`ž 7UbVYffU"`<u>\hd.#kkk"kU``Ymg"Wca#bYkg#+%(%#</u>

D\]``]dgž; "`UbX`@]bX[fYbžA "`f&\$\$) Ł"`3gefdS'[S` 4daSVUSef <agd S'[e\_ žGci h\`A Y`Vci fbYž5i gHfU`]U.` CI D"

D]WUfXžF; "f&\$%\$L"HS^gW5dWSf[a`S`V fZW8gfgdWaX@W/eAdYS`[eSf[a`e, IZkS`V:ai <agd`S^[e\_ ?gef5ZS`YWfaDW\_S[`DWWhS`f[`fZW\$#ef5W fgdkž6UfWY`cbUžGdU]b.`AYX]U`LL="

F UmžJ "'f&\$\$' Ł" FZWF WWh[e[a` : S` VTaa], 3` ;` e[VWde 9g[VWfa TW[` Y S 9 dWSf 4 da SVUSef <agd S1[efZi@cbXcbž1 ?. `A UWa]``Ub"

G]a cbgžA "`f&\$%&L"`<agd S^[e\_ Sf fZW5 daeeda SVe, 5 d[e[e S` V A bbadfg` [fk Xad fZWB dNee"``A Y`Vci fbYž 5i ghfU`]U. `GWf]VY"

HUbbYfžG"ž?Ug]b[YfžA "žUbXF]WLUfXgcbžB"f&\$\$-Ł"8WSfgdWL d[f[YFW\*{YfZWEfackžGcih\AYVcifbYž 5ighfU`]U.`CLD"

HUbbYfžG"žUbX`F]W\UfXgcbžB"`f&\$% Ł"`<agd`S'[e\_ DWeWSdJZ S`V;`hWef[YSf[a` [` 36[Y[fS^I adV" @cbXcbžI ?..`CI D

K ]`\_]bgcbž>G"ž; fUbhž59"ž'UbX`: ]g\Yfž8>"'f&\$\$- Ł" Bq` U[b^We aX5a` hWdYW' f <agd` S^[e\_ ž B Yk Mcf\_#CTZcfX. `CTD"

#### GcWJU`AYX]U

K Y YI dYWigh XYbhgihcia U]bhU]bidfcZygg]cbU`ighUbXUfXgi]biU```WcffYgdcbXYbWYž]bWi X]b[igcW]U`ia YX]U" Mci iWUbiigYi A 8=5' \$\$&``cfihk YYh#Zc``ck i4 8Uj ]YgA YX]U\_if?Yff]Yi8Uj ]YgEZcfiWci fgYiWca a YbhgiUbXiZcfig\Uf]b[iYI Ua d`YgicZa i`h]d`UhZcfa icfibYk g"``Ghi XYbhgik \cia U\_Yi]bUddfcdf]UhYifYa Uf\_gik ]```VYifYdcfhYX hcih\YiI b]j Yfg]miUi h\cf]h]Yg"

#### <][\`mFYWcaaYbXYX

Ghi XYbhgʻg\ci `X'Wcbhjbi Y'h\Yjf`Yb[U[Ya Ybhk]h\'h\Y`5 i ghfU`]Ub'bYk gʻa YX]U'UbX'k]h\']bh'fbUhjcbU``bYk g a YX]U'cf[Ub]gUhjcbg'h\UhcZYf'U'fUb[Y'cZdYfgdYWhjjYg'cb'WiffYbhk cf'X'YjYbhg'h\UhUfY'g\Ud]b[`h\Y'bYk g UbX'dUfhjWi`Uf`mh\cgY'h\UhYb[U[Y']b'a i `hjd`UhZcfa"

FZWESfgd/SkBSbWdžFZW? a`fZ1k'UbX'FZWCgSdfWdk7eeSk'UfY']adcfHUbhigcifWigicZicb[Yfi1cifbUi]gh]W YggUmg"'=bhYfbUh]cbUinžicb[fYUXg"cf['UbX'icb[Zcfa"cf['WfUhY'Ufh]WYgiZfca'UfcibX'h\Y'kcfXžZfca'h\Y BYk'Mcf\_Yfihcib]W\Y'h]hYgiUWfcggiUifUb[YicZgiVYWfgž]bWiX]b['gdcfh"@cb[Zcfa"cf['UgcicZYfg dcXWUghg"'

567 °@W eDSV[až:567 °DSV[a @Sf[a` S^UbX 567 °@W e\$&`cZYf"]b!XYdh `Wcj YfU[ Y`cZk cf`X`bYk g`UbX W ffYbhUZU]fg`h fci [ \`h\Y]f`fUX]c`UbX`HJ `bYk g`dfc[ fUa g''`

Ghi XYbhgʻa UmʻUʻgcʻZJbXʻ]hi Y`dZi ``hcʻYb[U[Y`k]h\`ch\YfʻUddfcUW\YgʻhcʻWcbj Yf[Ybh'ci fbU`]ga "`

#### FYWca a YbXYX<sup>-</sup>FYgci fWYg

#### 667 7c``Y[YcZ>ci fbU`]ga

K Y`\UjY`cb`]bY``]VfUfmUVWYgg`hc`h\Y`giVghUbh]U``fYgcifWYg`dfcj]XYX`Vmh\Y`667`7c``Y[Y`cZ>cifbU`]ga" H\YgY`]bWiXY.

6f]YZ]b[g`cb`\ck`fr`fYdcfhcb`jUf]cig`\_Ymfcd]WUfYUg`giW\`Ug`Dc`]h]WgžFY`][]cbžGW]YbWfžfhY`9Wcbcam/

**G\_]``g#**Hihcf]U``j]XYcg`cb`U`k]XY`fUb[Y`cZ\_Ym`cifbU`]gh]Wg\_]``g`giW\`Ug`kf]h]b[``\YUX`]bYgž`]bhYfj]Yk]b[ž d]hW\]b[`U`ghcfmž`HU\_]b[`UbX`W\ccg]b[`d]WifYgžj]XYc`g\_]``gžUiX]c`g\_]``g"

DYUgY'HU\_Y'H\Y'Ha Y'hc'k UHW\'H\Y'fYYj Ubhih hcf]U`g'69: CF9'mci 'Ya VUf\_'cb'mci f'a U'cf'dfc'YWg"

#### 5XcVYDfYa]YfYUbX5iX]h]cbhfU]b]b[..@mbXU"Wca

@mbXU"Wca `]g`Ub`cb`]bY`h`tcf]U``hcc``Zcf`ghi XYbhg`hc``YUfb`cf`Yb\UbWY`h\Y]f`dfcXi Wfjcb`g\_]``g`Uj U]`UV`Y`j ]U h\Y``]VfUfm'`Hi hcf]U`g`]bWi XY`DfYa ]YfYž`5i X]h]cbž`5i XUW]mž`D\chcg\cdž`@[`\ffcca `UbX`Ub]a Uh]cb`gcZk UfY" @mbXU"Wca `]g`\][`\`mfYWca a YbXYX`Zcf`ghi XYbhg`k ]g\]b[`hc`Z fh\Yf`h\Y]f`Ui X]c`#j ]gi U``g\_]``g"

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

DYf]cX]WU``mgh XYbhYj U`i Uhjj Y ZYYXVUW\_`cb'h\Y Wci fgY`]g`[ Uh\YfYXži g]b[ 'Ua cb[ 'ch\Yf`a YUbgži BGK fg 7 ci fgY`UbX`HYUW\]b[ '9j U`i Uh]cb'UbX`=a dfcj Ya Ybhf7 5H9 ±`DfcWfgg"'Gh XYbhZYXVUW\_`]g`hU\_Yb gYf]ci g`mž'UbX`Wcbh]bi U``]a dfcj Ya Ybhg'UfY`a UXY`hc`h\Y Wci fgY`VUgYX`]b'dUfhcb`gi W\`ZYYXVUW\_"

: cfYl Ua dYžZYYXVUW\_ZcfA 8-5' \$\$&']b'&\$%&#% 'g\ck YX'h\Uhighi XYbhg'k YfY WcbWfbYX'UVci h dUfh]W]dUh]cb']b'hi hcf]U'g"'Ghi XYbhg'bchYX'h\Uhigca Y'cZh\Y]f'dYYfg'X]X'bchWca Y'hc'WUgg'dfYdUfYX'cf ]bXYYX`\UX'bc']XYU'k \Uh\UX`\UddYbYX']b'h\Y'YWhi fY"H\YfYZcfYžk Y']a d`Ya YbhYX'U'gmghYa 'cZfhi hcf]U` dfYdUfUh]cb'hUg\_gfžk \]W\'ghi XYbhg'k YfY'YI dYWhYX'hc'Wca d`YhY']b'dfYdUfUh]cb'Zcf'h\Y'hi hcf]U`"'H\YgY'hUg\_g UfY'VUgYX'cb'ghi XYbhYb[U[Ya Ybhk]h\'h\Y''YWhi fY'a UhYf]U`'UbX'fY'Yj UbhfYUX]b[g"''

#### ⊨a U[Y<sup>·</sup>7fYX]h

6cX]Yg7 \*=bHYfZJVWg\*&\$%\*

#### 7F*⊒*CG

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