

# 7 ci fgY Cj Yfj ]Yk

## GHJZ7cbHJWh8YHJ]`g

### 7cbj Ybcfg

B Ua Y	9a U]`	5j U]`UV]`]m	@cWUh]cb	D\cbY
G][] <sup>-</sup> >chh_UbXh	g"&th UbXt4 i bgk "YXi "Ui	VmUddc]bha Ybh	K YVghYf ' ‰>	),(*

### GWXcc``7cbHJWh'±bZcfa Uh]cb

GWXcc``cZhXY`5fhg`UbX`AYX]U

Fcca " ‰ž@Yj Y`" žFcVYfhK YVghYf'6i ]`X]b[ fl %(Ł

D\cbY.'f\$&E'-',)'(,)\*

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

K YVg]hY. k k k "Ufhg"i bgk "YXi "Ui #gUa

# 5W\_bck `YX[ Ya YbhcZ7ci bhfm

I BGK '5fhgž'8Yg][b'UbX'5fW]hYWhifY'?Ybg]b[hcb'UbX'DUXX]b[hcb'WUadigYg'UfY'Vi]hhcb'5Vcf][]bU`

## 7ci fgY 8YW] g

### $I b hg c Z 7 f Y X h^*$

### Gi a a UfmcZh\Y 7ci fgY

 $H\g``Wci\ fgY`]bffcXi\ W\g`mci\ hc`gca\ Y`cZh\Y`WbffU``hYI\ hg``UbX``WcbW'dhg``]b`h\Y`_Ym`]bhY``YWi\ U``a\ cj\ Ya\ Ybhg\ UbX`h\Ycf]Yg`Zfca\ h\Y`YUf`mlk\Ybh]Yh\`Wbhi\fmhc`h\Y`dfYgYbh`Ug`h\YgY`VYUf`cb``]hYfUfmUbU`mg]g''`Mci\`k\]``YI\Ua\]bY``U`fUb[\Y`cZfY`UhYX`]ggi\Yg`]bWi\X]b[\.$ 

- %"\ck 'h\Y'j Yfm'Uggi a dhjcbg'cZ`Ub[i U[Yž'Wca a i b]\Whjcb'UbX'a YUb]b['\Uj Y'VYYb'ei YghjcbYX'Zfca YUf'mk YbhYh\'Wbhi fm'hc'h\Y'dfYgYbh'
- &" h\Y fY!WcbWdhcb cZ]XYbhlmiUbX ]hq ]a dUWicb ``]hYfUfmWcbqlfi Whcb/
- '" h\Y`k Umg`dc`]h]WU``ghfi Whi fYg`Wcbghfi Whih\Y`fY`Uh]cbg\]d`VYhk YYb`\i a Ub`gi V^YWhg`UbX`cV^YWhg`gi Wk Ug`Wca a cX]h]Yg"

### 7 ci fgY @YUfb]b[ Ci hWca Yg

- %" XYd`cmih\YcfYh]WU``hYI hg`]b``]hYfUfmiUbU`mq]q
- &" Wca dUfY j Uf]ci g'h\YcfYhWU`dcq]hcbg'UbX'UddfcUW\Yq
- ' " 'WcbXi WhfYgYUfW\']b 'h\Y 'UfYU cZWcbhYa dcfUfmWf]hJWU`h\Ycfm
- ("kf]hY`U`WYUf`UbX`ZiYbhYggUmYb[U[YX`k]h\`h\YcfYh]WU``]ggiYg
- ) " k cf\_\_]bXYdYbXYbhmUbX\_]b Wc``UVcfUh]cb

### HYUWX]b[ GhfUhY[]Yg

H\]g`Wci fgY`]g`]bZcfa YX`VmUb`UddfcUW\`hc`hYUW\]b[`UbX``YUfb]b[`h\UhZcghYfg`]bHYfUWfj ]lmžgh XYbhU[YbWh UbX'h\Y'd`YUgi fY'cZ\_bck `YX[Y"`\=ndfca ch/g'bYk 'k Umg'Zcf'gh XYbhg'hc XYj Y`cd'dfcXi Whj Y'dcgg]V]`]h]Yg Zfca 'h\Y'X]qWd`]bUfmVUqYq'cZh\Y]f'qh XmUbX hc fYWt[b]qY h\Y'dchYbhJu` ]b ]bhYfX]qWd`]bUfmYb[U[Ya Ybh]b h\Y\ia Ub]hYg"5q'U'h\]fX mYUf Wci fqYz]hdfca chYg ]bXYdYbXYbh`YUfb]b[ 'Ug fYZYWYX ]b gh XYbhZcW gqYX gYa ]bUfgžth\Y`Ya d\Ug]g`cb`fYgYUfW\žUbX`th\Y`Wci fgY`gma dcg]i a "`H\YfY`k]```VY`U`cbY!\ci f``YWfi fY`YUW\ k YY\_"5 "YWn fY ]g a cfY h\ub U dfYgYbhUh]cb cZ]bZcfa Uh]cb/]h]g Ub UWn]j Y UbX ]bhYfUWn]j Y Zcfi a k \YfY ]XYUa'UbX'fYUX]b['dfUWfWyg'UfY'fY\YUfaYXž'fYafYX'UbX'WkU``Yb[YX"'+i]a'fkY'a]fY'k\YfY'gfiXYbfa YbWci bhYf'h\Y'Wcbj YbhJcbg'cZdfYgYbhJb['UWUXYa ]WfYgYUfW\'UbX'ghU[]b['UWUXYa ]WXYVUhY"'@YWf fY UthYbXUbWY`]g`gi ddcft\YX`Vmlk c`fYj ]g]cb`tcc`g.`YW\c' \*\$`UbX`cb!`]bY`a Ut\Yf]U``dcgt\YX`]b`t\Y`k YY\_`UZ\Yf`t\\Y `YWi fY"BY]h\YfcZh\YqY'gi ddcfhq']q'U'fYd`UWYa YbhZcf'UhYbXUbWY"'H\Y'YW\c' \*\$']q'U'fYWcfX'cZUb'Yj Ybh bchu'qi a a UfmcZ]bZcfa Utlcb"'\disp\_\_YYd]b[ 'k ]th 'th Y 'cV'YWtlj Yg 'cZth]fX! mYUf 'gh Xmžth Y 'gYa ]bUf a cXY dfcj ]XYg U a cfY ]bXYdYbXYbhUbX Wc``UVcfUhj Y ``YUfb]b[ Ybj ]fcba Ybh' K \]Y Z ``mgi ddcfhYX UbX X]fYWhYXž h\Y`gYa]bUf`U``ckg`ghiXYbhg`hc`UggiaY`]bWfYUgYX`fYgdcbg]V]`]hmZcf`h\Y`X]fYWf]cb`cZYUWX`WUgg`UbX`Zcf`h\Y Zcfa i 'Uhlcb'cZfYgYUfW.'Hug g"'H\YmUfY'U'gc'UV'Y'hc'WflhWu'`mfYZYWficb'h\Y]f'ck b'dfcWyggYg'cZ'YUfb]b[ž k\]WX`]q`cZdUff\W``Uf`]a dcffUbWY`]b`U`Wci fqY`]bHcXi W\b[`bYk`Wf\h\W)`fYUX\b[`dfUW\\Yq"`H\Y`qYa]bUf fYei ]fYq YUWX gh XYbh\$ 'U'Wti"

# 5 hmy b X Ub WY F Yei ] f Ya Yb hg

 $\hbox{Ghi XYbhg. UfY. ghfcb[`mYbWcii fU[YX.'hc.'UhhYbX.'U```WUggYg.'UbX.'fYj]Yk.'`YWhi fY.'fYWcfX]b[g''' } \\$ 

# 7ci fgY'GWXYXi `Y

J]Yk 'WUgg'ha YhUV'Y

H]a YtUV`Y

YW fY Ya]bUf  YW fY Ya]bUf  YW fY Ya]bUf	#blfcXi Whch hc '7 f]h]wu "H\Ycfm'UbX'Glfi Wh fU']ga " F c 'UbX'6Ufh\Ygžff \Yhcf]wcZh\Y'=a U[Yfi  >YUb'6Ui Xf]``UfX'ffH\Y'DfYW\gg]cb'cZG]a i `UWfUfi : Ya ]b]ga  < Y`YbY'7]l ci gžffH\Y'@Ui [\'cZh\Y'A YXi gUfi  >i_`]U'? f]ghYj Už'7\UdhYf'%ž'Zfca "YV = cZdeVgR _ VRUVc'fi'H\Y'GmghYa "UbX'h\Y'GdYU_]b['Gi VYWh'ž dd"'&(!'' Ł  DgmW\cUbU'mg]g  G][ a i bX': fYi Xž'ffH\Y'I bWUbbmfi 9"H"5"'< cZZa Ubž'fH\Y'GUbXa Ubfi
YWNifY Ya]bUf YWNifY Ya]bUf	>YUb'6Ui Xf]`UfX'ffH\Y'DfYWrgg]cb'cZG]a i `UWfUfi : Ya ]b]ga <y`yby'7]i [\'czh\y'a="" ci="" gufi="" gž'fh\y'@ui="" yxi="">i_`]U'? f]ghYj Už'7\UdhYf'%ž'Zfca ' YV = cZdeVgR _ VRUVc'fI'H\Y'GmghYa 'UbX'h\Y'GdYU_]b['Gi VYWf'ž dd"'&amp;(!'' Ł  DgnW\cUbU`mg]g  G][ a i bX': fYi Xž'fH\Y'I bWUbbmfi</y`yby'7]i>
Ya]bUf YWifY Ya]bUf	: Ya ]b]ga  < Y`YbY`7 ]I ci gž'fH\Y`@Ui [\`cZh\Y`A YXi gUfi  >i_`]U`? f]ghYj Už7\UdhYf`%ž'Zfca ` YV = cZdeVgR  _ VRUVc'fi'H\Y`GmghYa `UbX`h\Y`GdYU_]b[ `Gi V^YWf`ž dd"`&(!' ' Ł  DgmW\cUbU`mg]g  G][ a i bX`: fYi Xž'fH\Y`I bWUbbmfi
Ya]bUf YWifY Ya]bUf	<pre><y`yby`7]i [\`czh\y`a="" ci="" gufi="" gžfh\y`@ui="" yxi="">i_`]U`? f]ghYj Už7\UdhYf`%ž7fca` YV = cZdeVgR _ VRUVcfi'H\Y`GmghYa`UbX`h\Y`GdYU_]b[`Gi VYWf`ž dd"`&amp;(!'`' Ł  DgnW\CUbU`mg]g  G][aibX`: fYi Xž*fH\Y`I bWUbbmfi</y`yby`7]i></pre>
YWifY Ya]bUf	>i_`]U'? f]ghYj Už7\UdhYf'%ž'Zfca 'YV = cZdeVgR _VRUVc'fi'H\Y'GmghYa 'UbX'h\Y'GdYU_]b['Gi VYWh'ž dd"'&(!'' Ł DgmW.cUbU`mg]g G][aibX': fYi Xž'f#\Y'I bWUbbmfi
Ya ]bUf	_ VRUVcfľH\Y'GmghYa 'UbX'h\Y'GdYU_]b[ 'Gi VYWfiž dd"'&(!' ' Ł DgmWkcUbU`mg]g G][ a i bX': fYi Xž'fH\Y'I bWUbbmfi
Ya ]bUf	G][aibX': fYi Xž'fH\Y'I bWUbbmfi
YVVni fY	9"H"5"" <cza td="" ubfi<="" ubžif#\yigubxa=""></cza>
YWhifY	
	DcgHWc`cb]U`]ga
Ya ]bUf	<ca 6\uv\užf6][="" ]="" bg="" cbxyfgfi<="" h_yb="" p="" zcfk=""></ca>
	9Xk UfX GU]Xž fC f]YbHJ ]ga fi
YWhi fY	BYk '< ]ghcf]Wjga
Ya ]bUf	A ]WXY`: ci Wui `hz`fDUbcdh]W]ga fifUXX]h]cbU` fYUX]b[.;]``Yg`8Y`Yi nYz`fDcgh!gWf]dhcb`h\Y gcW]Yh]Yg`cZWcblfc`fii GhYd\Yb'; fYYbV`Uhz`fF YgcbUbWY`UbX`K cbXYffi
YUX]b[	‰ ‰
Υ	'a ]bUf

	GlmiY~Zfca cZdeVd c`aZofVdždd":%*\$!%\$"
@YWhi fY	H\Y`BYk`7f]h]W]ga
GYa ]bUf	7 'YUbh.'6fcc_g'UbX'FcVYfhDYbb'K UffYbžfDcYhfm Ug'U'k UmcZGUm]b[fi D'Uhcž'5cRej]fd 6fcc_g'fH\Y'Df]a UWhcZh.Y'@]b[i]gh]WAYX]iafi
@YWhi fY	Dcghghfi Whi fU`]ga
GYa ]bUf	>UWei Yg:8Yff]XUž:fD`Uhcfg`D\Ufa UWhfi
	D`UhcžifD\UYXfi gfi
	GYa]bUf @YWifY

## FYgci fWyg

### DfYgWf]VYX F Ygci fWYg

A cghicZh\Y`fYei ]fYX`hYI hg`UfY`Zfca `h\Y`@`œ`\_ 3\_e\'`]`Xj `W YV`q R\_U 5 cZeZfZd^ {`&bX`YX]h]cb f&\$%\$\E`YI hfU\Wg`Uj U]`UV`Y`cb`A ccX`Y"

.

### FYWca a YbXYX FYgci fWyg

Ch\Yf`fYWcaaYbXYX`HYI hg.
>ZEVCRg YV`g,3\_3\_eY`]`Xjž&bX`9X]h]cb`&bX`9X]h]cbžYXg"`>i`]Y`F]j\_]b`žA]W\UY``FmUb`f6`UW\_kY``ž&\$\$(\tau YV `deŽ5`]`\_ZR] ef UZVd VRUVc`&bX`9X]h]cbžYXg"`6]```5g\WfcZhž; UfYh\`; f]ZZ]h\gž'<Y`Yb`H]ZZ]bfci hYX[Yž&\$\$+\tau YZ

.

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

=k]```VY`dYf]cX]WU``m[Uh\Yf]b[`ghi XYbhZYXVUW\_cb`h\Y`Wti fgY`h\fci [\'j Uf]ci g`a YUbgž`]bWi X]b[`ghi XYbh
ZYXVUW\_`]b``YWhi fYg`UbX`gYa ]bUfg`Ug`k Y```Ug`h\Y`A m9I dYf]YbWr`gmghYa "`=k ci `X`UddfYW]UhY`]h]Zmci
k ci `X`hU\_Y`U`a ]bi hY`Uhh\Y`YbX`cZh\Y`Wti fgY`hc`dfcj ]XY`mci f`fYgdcbgYg"

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

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

Image: Ybwei bhyfu'dfcv'ya k \yb'uhhya dhjb[ 'hc'gi va ]hmci f'Ugg][ ba Ybhh\fci [ \ 'Hi fb]h]bž'd'YUgY

Hy'Yd\cby'9| hy'fbu''Gi ddcfhcb'-', ) '' ' ' %cf'Ya U]''h\Ya 'cb'Y! hy'fbu'hy'hgi ddcfh4 i bgk "YXi "Ui "''Gi ddcfh
\ci fg'UfY', .\$\$Ua '-'%\$.\$\$da 'cb'k YY\_XUmg'UbX'-.\$\$Ua '-').\$\$da 'cb'k YY\_YbXg'fl \*) 'XUmg'U'mYUft'''=Z'mci
UfY'i bUV'Y'hc'gi va ]hmci f'Ugg][ ba YbhXi Y'hc'U'ZJi 'hk ]h\ 'Hi fb]h]b'mci 'a Um'Udd'mZcf'Ub'Y! hy'bg]cbž'Vi hmci
a i ghfYhJ]b'mci f'h]W\_Yhbi a VYf'Zfca '9! hy'fbU''Gi ddcfhfU'cb[ 'k ]h\ 'Ubmch\Yf'fy'Yj UbhXcW a Ybhgt'hc
]bWi XY'Ug'Yj ]XYbW' hc'gi ddcfhmci f'Y! hy'bg]cb'Udd']WUh]cb"'=Zmci 'Ya U]''9! hy'fbU''Gi ddcfhmci 'k ]'`
Ui hca Uh]WJ'`mfYW']j Y'U'h]W\_Yhbi a VYfZ'Vi h]Zmci 'hY'Yd\cbY'mci 'k ]``bYYX'hc'gdYW]Z]WJ'`mUg\_'Zcf'cbY''
Hi fb]h]b'U'gc'dfcj ]XYg'i dXUhy'g'cb'h\Y]f'gmghYa 'ghUh' g'cb'Hk]hyf''

; YbYfU`mž'UggYgga YbhiHug\_g'a i ghVY'gi Va ]hhYX'Y`YVWfcb]\WJ``mij ]U'Y]h\Yf'Hi fb]h]b'cf'U'A ccX`Y Ugg][ ba Ybh''=b']bgHJb\W'g'k \YfY'h\]g']g'bchdcgg]V`Yž']hk ]```VY'gHJhYX'cb'mci f'\\circ i fgY'g'A ccX`Y'g]hY'k ]h\U`hYfbUh]j Y'gi Va ]gg]cb'XYHJ]`g"

cfi]bZcfa Uhjcbicbi\ckihcigi Va ]hUgg][ ba Ybhgicbi]bYij ]UiA ccXiY.i\hdg.#gh XYbhi bgk "YXi "Ui #\ck! gi Va ]hUgg][ ba Ybha ccXiY

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

D`U[]Uf]ga i]gii g]b[ih\Yik cfXgicfi]XYUgicZch\YfgiUbXidfYgYbh]b[ih\Ya iUgimci fick b"i=iWUbihU\_Yia Ubm Zcfa gžZfca iXYi]VYfUhYiWXYUh]b[ihciUWW]XYbhU`mWcdm]b[iZfca iUigci fWYik]h\ci hiUW\_bck iYX[Ya Ybh'i

5 WUXYa]W±bZcfa Uhjcb