# **PTRL5024**

8f]``]b[ ': `i ]Xg'UbX'7Ya Ybh]b[ 'HYW\b]ei Yg

HYfa 'H\fYY''##'&\$&\$

# 7ci fgY<sup>\*</sup>Cj Yfj ]Yk

# GHJZZ:7cbHJWh:8YHJ]`g

### 7cbj Ybcfg

B Ua Y	9a U]`	5j U]`UV]`]lm	@cWUh]cb	D\cbY
N\]I ] <sup>.</sup> 7\Yb	n\]l]M4 i bgk "YXi "Ui	3		Ž*%'&'-',)
			@Yj Y``&ž"H9H6	) % &

### GWXcc``7cbHJWhʻ±bZcfa Uh]cb

GW.cc``cZA]bYfU`g`UbX`9bYf[mFYgcifWygC`X'AU]b'6i]`X]b[ž@YjY`'%ž%)-'f?%) ŁIBGK'GM8B9MBGK'&\$)&'5IGHF5@-5

H. 'Ž\*%'f&Ł'-',)')\$\$\* 9.

### 7ci fgY 8YW] g

### 7 fYX]hDc]bhg \*

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

H\Y`Wci fgY`Wcj Yfg`Vch`h\Y`h\YcfmUbX`dfUWfjWD`Udd`]WWhjcbg`cZXf]``]b[ 'Zi ]Xg`UbX`k Y```Wa Ybhjb[ hYW.bc`c[ m"H\Y`a U]b`hcd]Wg`]bWi XY.`h\Y`Z bWhjcbgžWca dcg]hjcb`UbX`UXX]hj Yg`cZXf]``]b[ 'Zi ]Xg/WUmUbX dc`ma Yf`W.Ya ]ghfmUbX`Udd`]WWhjcbg`]b`Xf]``]b[ 'Zi ]Xg/Xf]``]b[ 'Zi ]X`XYbg]lmXYhYfa ]bUhjcb`UbX`WJ`W``Uhjcbg/Xf]``]b[ 'Zi ]X`Zj`hfUhjcb`UbX`a i X`WU\_]b[ 'dfcWYgg/5D=Xf]``]b[ 'Zi ]X`dfcdYfhjYgžYei ]da YbhUbX`hYghjb[ dfcWYXi fYg/W.Ya ]WU``UbU`mg]g/Xf]``]b[ 'Zi ]X`gmghYa `XYg][ b`Zcf`Wcbhfc``Zcfa Uhjcb`XUa U[ Y`UbX`k Y``VcfY ghUY]`]mm'Xf]``]b[ 'Zi ]X`\mXfUi `]Wg`UbX`W hhjb[ g`hfUbgdcfhUhjcb/WWa Ybha Ubi ZUWi fYžWca dcg]hjcb`UbX ghUbXUfX]nUhjcb/Wwa Ybhg`i ffmf\Yc`c[ mdfcdYfhjYg/5D=Wwa Ybhjb[ 'Yei ]da Ybh UbX`dfcWYXi fYg/Wwa Ybhg`i ffmXYg][ b`UbX`WJ`W``Uhjcbg/a i X`fYa cj U``VmWwa Ybh'[ Ug`a ][ fUhjcb/Wa Ybhjb[ 'Yei ]da YbhUbX`dfcWYXi fYg/dcgh'cv`Wcbg]XYfUhjcbg`UbX`Yj U`i Uhjcb/Xf]``]b[ 'Zi ]Xg`UbX Wwa Ybhjb[ `Yei ]da YbhUbX`dfcWYXi fYg/UfW.dfcYWf"

GdYWJU``dfcYWh``AiX`dfc[fUa`UbX`W hjb[g`hfUbgdcfhUhjcb`]b`XYj]UhYX`kY``g"'5g`dUfhcZh\Y`dfcYWfzghiXYbhg`UfY`fYei]fYX`hc`WUffmcihU`]hYfUhifY`gifjYmcb``UhYghXYjY`cdaYbh]b`aiX`dfc[fUa`UbX`W hjb[ghfUbgdcfhUhjcb`]b`XYj]UhYX`kY``g/WUffmcihU`WUgY`ghiXmVmXYg][b]b['U'aiX'dfc[fUažXf]``]b['\mXfUi`]Wgcdhja]nUhjcb`UbX`W hjb[g`hfUbgdcfhUhjcb`]b`U`XYj]UhYX`kY``"

### 7 ci fgY 5]a g

H\]g`Wci fgY`k ]```YbUV`Y`ghi XYbhg`rc`UWei ]fY`Z bXUa YbhU``\_bck `YX[Y`cZXf]``]b[ 'Zi ]Xgž'Xf]``]b[ '\mXfUi `]Wg UbX`WYa YbhJb[ 'hYW\b]ei Y`UbX`rc`Udd`mih\Y`h\Ycfmhc`h\Y`XYg][ bž'Yj U`i UhJcb`UbX`cdhJa ]nUhJcb`cZXf]``]b[ Zi ]X`dfc[ fUa ž'Xf]``]b[ `\mXfUi `]Wg`UbX`WYa YbhJb[ 'cdYfUhJcbg"

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

- % 8 Yg][ b`UbX`Yj U`i UhY`Xf]``]b[ 'Zi ]X`dfc[ fUa `UbX`WYa Ybh]b[ 'cdYfUh]cbg'i bXYf`gdYW]Z]Wk Y`` WcbX]h]cbg
- &" DfYdUfY 'UbX 'HyghXf]``]b[ 'Zi ]Xg 'UbX 'WYa YbHb[ 'g`i ffmUVWcfX]b[ 'hc '5D=gHJbXUfXg
- ' " C dha ]nY:Xf]``]b[ 'Zi ]X:\mXfUi `]Wa:Zcf:\][ \ fUhY:cZdYbYhfUh]cb:UbX:W hh]b[ g:hfUbgdcfhUh]cb:YZZ[W]YbWn

### HYUW ]b[ 'GhfUhY[ ]Yg'

- %" K YY\_`m``YWf fYg`UfY`XYg][ bYX`rc`dfcj ]XY`gh XYbhg`Z bXUa YbhJ``i bXYfghUbX]b[ 'h\fci [\`U`gYf]Yg`cZ hcd]Wcb`Xf]``]b[ 'Zi ]Xgž`Xf]``]b[ \mXfUi `]Wg`UbX`WYa Ybh]b[ "
- &" H\Y`Z bXUa YbhJ``a UhYf]U``Wcj YfYX`]b`h\Y``YWi fYg`]g`gi ddcfhYX`VmdfcV`Ya !gc`j ]b[ 'Yl YfW]gYg`]b hi hcf]U`g`UbX`WUgg`X]gW gg]cbg"
- ' " @YUfb]b[ Xi f]b[ ``YWi fYg]gZ fh\Yfgi ddcfhYX Vm[ fci d VUgYX ``UVcfUhcfmdfUWjWYg"
- ("@YUfb]b['cb'UXj UbWYX'hcd]Wg']g'UWX]Yj YX'VmgdYWJU`XYg][bYX'fYgYUfWX'dfcYWyg"
- ) " C b`]bY ``YUfb]b[ 'gi ddcfh]q 'U`gc 'Uj U]`UV`Y 'h\fci [ \ 'A ccX`Y"

# 5ggYgga Ybh

# 5ggYgga YbhHUg\_g

5ggYgga Ybh'hUg_	K Y][\h	8i Y'8UHY	Ghi XYbh@YUfb]b[ Თ i <b>\MY</b> &&YJ55;0YgYYYYX
5gg][ ba Ybh%	) ।	( <i>#</i> %\$ <i>#</i> &\$&\$	%ž <sup>*</sup> &
5gg][ ba Ybh&			

Gi Va ]gg]cb bchYg.Cb ]bY A ccX Y E i ]n

Hi fb]hjb gYhjb[. H\]g ]g bchU Hi fb]hjb Ugg][ ba Ybh

5ggYgga Ybh( 5gg][ba Ybh' fDfc YWŁ

5ggYgga Ybh) . 5gg][ ba Ybh(

8YHJ]`g.7Ya Ybh]b[ WJ`W `Uh]cbg

Gi Va ]gg]cb bchYg.Cb`]bY A ccX`Y Gi Va ]gg]cb

5ggYgga Ybh\*. @UVcfUhcfm

**8YHJ]**`g.8f]``]b[ ': `i ]X'UbX'7Ya Ybh]b[ '@UVcfUhcfm

Gi Va ]gg]cb bchYg.Cb`]bY'A ccX`Y'gi Va ]gg]cb

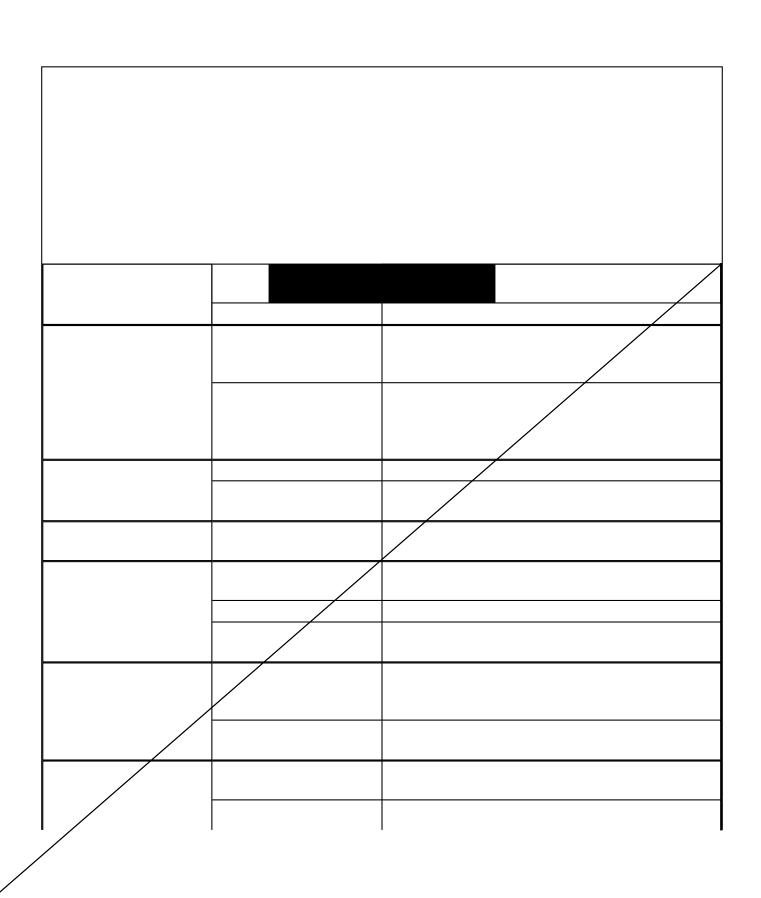
Hi fb]hjb gYhjb[. H\]g ]g bchU Hi fb]hjb Ugg][ ba Ybh

5ggYgga Ybh+. Hi hcf]U`DUfh]W]dUh]cb

8YHJ]`g. Hi hcf]U``UbX`]b`WUgg`YI YfWJgYg

5ggYgga Ybh, .: ]bU`9l Ua

 $8 YHJ]^{\circ}_{0}.5 \text{ 'kc'} \text{ c'} \text{ c'} \text{ i } ]\text{bY'ei } ]\text{n'k } ]^{\circ}_{1} \text{ VY'} \text{ c'} \text{ x'k } ]\text{h}_{0} \text{ 'h}_{1} \text{ Y'YI } \text{ Ua 'dYf}_{0} \text{ x''}; i } ]\text{XY'}_{0} \text{ y'}_{1} \text{ Ua 'k } ]^{\circ}_{1} \text{ VY'fY'}_{1} \text{ UgYX'df}_{0} \text{ c'}_{1} \text{ h}_{1} \text{ Y'}_{1} \text{ Ua ''}$ 



		@UV`fH9H6`@, &-`UbX`cb`]bYŁ`@UV`(`!`A i X 7 \Ya ]WU``5bU`mg]g`6
K YY_'%\$.`%*`Bcj Ya VYf'! &\$`Bcj Ya VYf		@YWn fY fC b`]bYŁ; Ugʻa ][ fUh]cbž7 Ya Ybh]b[ Yei ]da Ybh/7 Ya Ybhd`UWa YbhUbX dcgh^cV Yj U`i Uh]cb"
	Hi hcf]U`	Hi hcf]U``fCb`]bYŁ': ]bU``FYj ]Yk"

### FYgci fW/g

### DfYgWf]VYX F Ygci fWYg

Gi ddcfha UhYf]U`Zcf'h\]g'Wti fgY`]bWi X]b[ žk\YbYj Yf'Uj U]`UV`Yž'Wtd]Yg'cZ`YWi fY'bchYgž`YWi fY'g`]XYgž fYVta a YbXYX`fYUX]b[ gžYhW'WUb`VY`Zci bX'cb'A ccX`Y" H\Y``YVVi fY`bchYg#g`]XYg'a UmVY'j ]Yk YX`UbX`Xck b`cUXYX`Zca 'h\Y'l BGK!A ccX`Y. \hd.##a ccX`Y"hY`h'i bgk "YXi "Ui #

### FYWca a YbXYX FYgci fWfg

: c``ck]b[g'UfY'h\Y'fYWca a YbXYX'Vcc\_g'Zcf'h\]g'Wci fgY.

- F mYb '7 UYbbž' < 7 < '8 Uf Ymž'; Ycf[ Y F "'; fUm '7 ca dcg]h]cb 'UbX 'DfcdYfh]Yg 'cZ8f]``]b[ 'UbX '7 ca d`Yh]cb
- : `i ]Xgž'+h\ 'YX]h]cbž'; i `ZDfcZYgg]cbU``Di V`]g\ ]b[ ž'9`gYj ]Yfž'&\$%\* "
- '6ci f[ cmbY '5 "H" '>f"ž'A ]`\Y]a '? "? "ž'7 \YbYj Yfh'A "9" 'UbX 'Mci b[ ': "G" '>f". '5dd`]YX '8f]``]b[ '9b[ ]bY"

]b

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

H\Y'GWkcc``\Ug'XYj Y`cdYX'U'[i]XY`]bY'hc'\Y`d'mci'k\Yb'gi Va]hh]b['U'Wci fgY'Ugg][ba Ybh'

K Y YbWci fU[Y'mci'hc'fYhJ]b'U'WcdmcZYj YfmUgg][ba Ybhgi Va]hYX'Zcf'UggYgga YbhZcf'mci f'ck b'fYWcfX Y]hYf']b'YUfXWcdmcf'Y'YWfcb]WZcfa "

5 "UggYgga Ybhg a i gh\Uj Y Ub UggYgga YbhWcj Yf g\YYhUHUWXYX"

#### @UhY Gi Va [gg]cb cZUb 5gg][ ba Ybh

: i ```a Uf\_g`Zcf`Ub`Ugg][ ba Ybh'UfY`cb`mdcgg]V`Y`k \Yb`Ub`Ugg][ ba Ybh]g`fYVW]j YX`Vmh\Y`Xi Y`XUhY"`

K Y'i bXYfgHJbX'h\UhiUhih]a Yg'mci 'a Umbch'VY'UV'Y'hc'gi Va ]hiUb'Ugg][ ba Ybh'cb'h]a Yž'UbX'h\Y'GW\cc``k ]``UWWca a cXUhY'UbmZJ]f'UbX'fYUgcbUV'Y'YI hYbg]cb"'K Y'k ci `X'fYWca a YbX'mci 'fYj ]Yk 'h\Y'I BGK 'GdYWJU` 7 cbg]XYfUh]cb'[i]XY`]bYg'—'gYY'gYWfJcb'VY'ck "

@UhY`gi Va ]gg]cb`k ]``bchVY`UVWYdhYX`UbX`k ]``VY`Wcbg]XYfYX`Ug`bc`gi Va ]gg]cb"

### GdYWJU`7cbg]XYfUhJcb

Mci 'Wub'Udd`mZcf'gdYWJU`'Wcbg]XYfUhJcb'h\fci [\'<u>H\Y'Bi WYi g'Gh XYbh<i V</u>'k\Yb']``bYgg'cf'ch\Yf WJfW a ghUbWfg']bhYfZYfY'k]h\'mci f'UggYgga YbhdYfZcfa UbWf'''G]W\_bYggža ]gUXj Ybh fY'cf'ch\Yf WJfW a ghUbWfg'VYmcbX'mci f'Wcbhfc``a Um

- DfYj Ybhmci Zfca Wca d`Yhlb[ 'U'Wci fqY fYei ]fYa Ybh
- ? YYd 'mci 'Zfca 'UthYbX]b[ 'Ub'UggYggUV'Y'UWhj ]hm
- Ghodimoi igi Va ]hhlb[ 'UggYggUV'Y'k cf 'Zcf'U'Wci fgY

K YʻUg\_ʻh\Uhmci 'd`YUgY WcbhUWh\Yʻ7 ci fgYʻ7 cbj Ybcfʻ]a a YX]UhY`mcbWYʻmci '\Uj Y`Wca d`YhYX'h\YʻgdYW]U` Wcbg]XYfUh]cbʻUdd`]WUh]cbžbc``UhYf'h\UbʻcbY`k YY\_`Zfca 'gi Va ]gg]cb"

A cfY XYHJ]  $\dot{g}$  cb  $\dot{g}$  dYWJU  $\dot{w}$  bg]XYfUh]cb  $\dot{w}$  bb  $\dot{v}$  Y  $\dot{z}$  ci bX  $\dot{u}$  b  $\dot{k}$  k k  $\dot{g}$  h  $\dot{x}$  Y bh'i bgk  $\ddot{y}$  Xi  $\ddot{u}$  i  $\ddot{y}$  dYWJU  $\dot{w}$  bg]XYfUh]cb

#### Gh XYbhGi ddcfh

H\Y`I b]j Yfg]lmUbX`lh\Y`: UW`lmdfcj ]XY`U`k ]XY`fUb[Y`cZgi ddcfhgYfj ]Wyg`Zcf`gh XYblgž]bWi X]b[.

# 5 WUXYa ]W + DZcfa Uh]cb

# 7 ci fgY F Ygi `hg

: cf<sup>'</sup>XYfU]<sup>'</sup>g<sup>'</sup>cb<sup>'</sup>I BGK <sup>'</sup>UggYgga Ybh'dc<sup>'</sup>]Whž'd<sup>'</sup>YUgY<sup>'</sup>j ]g]h '<u>k k k "gh XYbh'i bgk "YXi "Ui #UggYgga Ybh</u>

 $\pm gca\ Y']bgHUbW'g'mci\ f'Z]bU``Wci\ fgY'fYgi\ `hia\ Um'VY'k\ ]h\ Y`X'UbX'bch'fY'YUgYX'cb'h\Y'I\ BGK 'd`UbbYX'XUHY'' H\ ]g']g']bX]WUHYX'VmU'Wci\ fgY'[\ fUXY'fYgi\ `hicZY]h\ Yf.$ 

• @9 '-']bX]\WUhYg'mci '\Uj Y'bch\Wca d'YhYX'cbY'cf'a cfY']hYa g'cZUggYgga Ybh/cf

