Gdf]b[Z]Y`X`A Ub`GYbhYbWYX`hc`@]ZY`Zcf 6fi hU``7Uf^UW_]b[`AifXYf

5 a Ub 'k Ug 'gYbhYbWYX 'hc ``]ZY ']b 'df]gcb ']b 'WcbbYWh]cb 'k]h\h\Y '&\$&%'a i fXYf 'c Z'6f]UbbY '6c]gY ``Yž 'Zc ``ck]b['\]g 'WUdhi fY]b '@U_Y`UbXž': `cf]XU"



@U_Y`UbXž:: `cf]XUžI G5 !! \dirab `U`W\]``]b[`WUgY`h\Uh`\Ug`fcW_YX`h\Y Gdf]b[Z]Y`X`Wca a i b]hmž'? UmgcbY`K U`hYfgž'U[YX'' +ž'k Ug gYbhYbWX`hc``]ZY`]b`df]gcb`k]h\ci h`h\Y`W\UbWY`cZ'dUfc`Y`Zcf'h\Y Vfi hU``WUf^UW_]b[`UbX`a i fXYf`cZ`&)!mYUf!c`X`6f]UbbY` 6f] 6c]gY``Y"'H\]g`gca VYf'j YfX]Whž`XY`]j YfYX`Vm`U`< Ua dXYb`7ci bhm Wci fh`f\X[Yži bXYfgWcfYg`h\Y`gYj Yf]hm`cZ'h\Y`Wf]a Y`UbX`h\Y]a dUWh`]h`\Ug`\UX`cb`h\cgY`WcgY`hc`6c]gY``Y"`5`cb[`k]h\`h\Y``]ZY gYbhYbWYž'K U`hYfg`k]```U`gc`gYfj Y`%, `hc`&\$`mYUfg`WcbW' ffYbh`m`Zcf Ufa YX`WUf^UW_]b[ž`Ug`WcbZ]fa YX`Vm`A Ugg@]j Y"

H\Y'\Uffck]b['XYhU]`g`cZ'h\Y'Wf]a Y'Ya Yf[YX'Zfca 'U'h\cfci[\]bj Ygh][Uh]cb'WcbXi WhYX'Vm'a i `h]d`Y'U[YbW]Ygž'Ug`ghUhYX'Vm < Ua dXYb'8]ghf]Wh'5hhcfbYm'5bh\cbm'8"'; i ``i b]"'Cb'5i[i gh'%%ž

&\$&%ž6c]gY``Y`k UgʻZci bX`ZUWY`Xck b`UbX`i bfYgdcbg]j Y`]b`U`ga U``
`ch`cb`6U`Xk]b`GhfYYhžgi ZZYf]b[`Zfca `U`ghU[[Yf]b[`) * `ghUV
k ci bXgž'k \]W\`]bWi XYX`XYZYbg]j Y`k ci bXg`cb`\Yf``YZh`Ufa `UbX
\UbX"`C ZZ]WYfg`cb`h\Y`gWYbY`UhhYa dhYX`Z]fgh`U]Xž'Vi h`hfU[]\WU``mž
6c]gY``Y`qi \W\ a VYX`hc`\Yf`]b^ff]Yq"

$H\Y 7f]a Y I b Zc XYX$

9j]XYbWYfYjYU`YX`U`WU`W``UhYX`UhhUW_/K U`hYfg`\UX`gYYa]b[`md`UbbYX`hc`fcV`6c]gY``Yž``if]b[`\Yf`Uk Um`Zfca`U'diV`]WUfYU"'H\Ymcib[`k ca Ubž_bck b`Zcf`WUffm]b[`\Yf``Udhcd`UbX`B]bhYbXcGk]hW\Zcf`gW\cc`k cf_ž`Zci[\h'VUW_'VfUjY`m`Xif]b[`h\Y'j]c`YbhYbWcibhYf":c``ck]b[`h\Y'aifXYfž`K U`hYfg`ghc`Y`\Yf`WUfž`XfcjY`]hhc`7\]WcdYYž`UbX`gYh`]h`UV`UnYž`UhhYadh]b[`hc`WcjYf`\]g`hfUW_g"

 $H\Y']bj\ Ygh][\ Uh]cb\VcfY\ Zfi\]h'k\ \Yb\dc\]W'X]gWcj\ YfYX\6c]gY``Y\ g \\ B\]bhYbXc\Gk\]hWk\]b\ U\XfYggYf\Uh\Ub\Ud\Ufha\ Ybh'g\ UfYX\Vm'K\ U\hYfg\ UbX\'\]g'[\]f\Zf]YbXz\U'cb[\ 'k\]h\'\]g'k\ U``Yh'UbX\-8\"'Gdf]b[\ Z]Y`X \\ XYhYWh]j\ Ygz``YX\Vm'7\Ud\h''\HfYbh'8i\ XUz']XYbh]Z]YX\K\ U`hYfg'Ug'h\\Ydf]a\ Y'gi\ gdYWh'UbX'gYW'fYX\Ub'UffYgh'k\ UffUbh'cb'5i\ [\ i\ gh'\%+z^* & $\%''' < ck\ Yj\ Yfz`\Y'\UX'U`fYUXm'ZYX'h\\Y'ghUhY'Vm'h\\Uh'h]a\ Y'''$

GhU[[Yf]b[GhUh]gh]Wa

 $\label{eq:continuous} $$ \int Uf]cig'XYac[fUd\]Wg'''H\Y''6\SG']g'XYX]WUhYX'hc'aYUgif]b['Wf]aYUbX''4gh]WY']b'h\Y''I''G'''UbX''Wc``UVcfUhYg'k]h\'Ybh]h]Yg'hc'Yb\UbWY`cWU`'Wf]a]bU`'^4gh]WY'gmghYag'UbX'XUhU'fYdcfh]b[''$

5g·Gdf]b[Z]Y`X`fYZYWhg·cb·h\]g·[i hlk fYbW\]b[`WUgYź·h\Y
Wca a i b]hm·Z]bXg·]hgY`Z·ZUW]b[`h\Y`\Ufg\`fYU`]h]Yg·cZij]c`YbWY`UbX
Wf]a Y"`H\Y`WcbgYei YbWYg·cZigi W\`\Y]bci gʻUWhgʻYI hYbX`VYmcbX
h\Y`]a a YX]UhY`j]Wh]a gž·fYj YfVYfUh]b[`h\fci [\ci hˈbY][\Vcf\ccXg
UbX`]bgd]f]b[`WU``gʻZcf`]bWfYUgYX`gUZYhm·a YUgi fYg"`H\YfY g
gca Yh\]b[`hc`VY`gU]X`Zcf`ZcghYf]b[`Uk UfYbYggʻUbX`UXj cWUh]b[`Zcf
W\Ub[Y`hc`Ybgi fY`h\Uh``cWU``Wca a i b]h]YgʻfYa U]b`fYg]`]Ybh
U[U]bgh·h\Y`h\fYUhgʻcZ`Wf]a Y"`6f]UbbY`6c]gY``Y gʻhfU[]Wghcfm
gYfj YgʻUgʻUʻdU]bZl``fYa]bXYf`cZ`h\Y`bYYX`Zcf`j][]`UbWY`UbX
gi ddcfh`Zcf`h\cgY`UZZYWhYX`Vmj]c`YbWY"

| 8 Y hU]`g | |
|-----------|--------------------------|
| Cfh | @U_Y`UbXž': `cf]XUž'l G5 |
| EiY``Yb | • k k k "a Ugg`]j Y"Wca |
| | • V 'g"c 'd"[cj |

6Ygi WXYb G]Y i bg Ui Z. a Y]b!k]Yb bYh