

9!A Uj` !`Bm]hVg

`Yb[nY`

GnLbck bmiDUB]Y`DfYnmXybvWYz`

B U[mcb`\\j Uu cgz`U`Vla` nYhtbY`_a Y[\\Uhfncnchifub[`Uj Ubz`La]bY`_gnYfydY`b]Y`_Y`

bAa Yh

G\ f [Y\ fhYf` < Yff`Df`AgjXybrz`

GnLbck bmiDUB]Yz`

<]j Uu cgz`ZAfZ]` Vla` nYhtz`]ga YfyhYb`bAj`

G\ f [Y\ fhYf` < Yffz`

8 fc[]#GnLbck bmiDUB]z`

<]j Uu cgz`b]` Vla` nYhtz`]ga YfyhYb`bAj`

G\ f [Y\ fhYf` : fU` z`

GnLbck b]`DU` gk` cz`

<]j Uu cgz`Vla` nYhtAg`bYa`]ga YfyhYb`

G\ f [Y\ fhYf`8Ua` Yb`i` bX` < YffYbz`

GnLbck b]`DU` gk` cz`

<]j Uu cgz`La`]_cf`hOw`Ya` VfbY`_` Vla` YnnO`_`

G\ f [Y\ fhYf`8Ua` Yb`i` bX` < YffYbz`

GnLbck b]`DU` gk` cz`

<]j Uu cgz`Vla` nYhtY`_`bY` Y`Ag`bYa`]ga YfyhYb`

G\ f [Y\ fhYf`8Ua` Yb`i` bX` < YffYbz`

GnLbck bmiDUB]Yz`

<]j Uu cgz`ZAfZ]` Vla` nYhtz`bAj`]ga Yfh`

G\ f [Y\ fhYf` < Yff`Gwa`]Xh`z`

GnLbck bUDUB]z`

<]j Uu cgz`b]` Vla` nYhtz`\\`uLgz`]ga YfhibAj`

G\ f [Y\ fhYf` : fU` `Gwa`]Xh`z`

GnLbck bUDUB]z`

\\j Uu cgz`b]` Vla` nYhtz`Y[nYXO`1/2`i` z`]ga YfhibAj`

G\ f [Y\ fhYf` : fU` `Gwa`]Xh`z`

GnLbck bUDUB]z`

<]j Uu cgz`b]` Vla` nYhtz`bAj`]ga Yfht`Wu`1/2`]1/2`UdchibYa`]ga Yfh`

G\ f [Y\ fhYf` : fU` `Gwa`]Xh`z`

GnLbck bmiDUB]Yz`

? Yj` AgvA`\\j Uu cgz`a` 1/6`hOfhAbh`_cf`1/2`Vub`O`h`Yh`_ChAg`

@]YWyf` < Yff`Gwa`]Xh`z`

8 fc[]`Hca` Ugni` z`

BYa` \\j Uu cgz`U`Vla` nYhtU`VUf`Vla` b`_z`bYa` `hO`]` mU`_cf`

@]YWyf` :>c`\\Ubbz`

D]gnYa mXc'DU gfk U'k 'gdfUk]Y''''
<]j UuUcgžUj ½UUhbyj ÄVyb

K]f'gWfY]Wb'⇒bYb'WnØ[`]W''''

D]gnYa mXc'DU gfk U'k 'nk]án_i 'n''''
<]j UuUcgžUj ½UUhbyj ÄVyb

K]f'gWfY]Wb'⇒bYb']b'Ni gJa a Yb\Ub['a]h''''

K 'bUk]ánUb]i 'Xc''''
<]j UuUcgžLa]_cf'a ½j Ubj ULa]'nYb'Y' nYhYg]ga YfYhX'U'a Y[_YfYgYh]j ½UUhfi `

6Yri ['b\A YbX'U' Z''''

B Uk]áni 'áWxc''''
<]j UuUcgžLa]_cf'a ½j Ubj ULa]'nYb'Y' nYhYg]ga YfYhX'U'a Y[_YfYgYh]j ½UUhfi `

⇒b'6Yri ['U' Z''''

D]gnō'Xc'DU gfk U'n'n'UbntUb]Ya 'c''''
? Yj ÄgVÄ`j UuUcgžUj ½UUhbyj ÄVyb

⇒W'gWfY]WY'⇒bYbži a 'a]W'bUW''''ni 'Yf_i bX][Yb''''

K 'ja]Yb]i 'DUBUA]WU'U'Užd]gnō'Xc'DU gfk U''''
<]j UuUcgžj U'U_] 'a ½j bYj ÄVyb'Éfb]

⇒W'gWfY]WY'⇒bYb]ja 'BUa Yb]j cb''''

DU g_U'Z]fa U'ncgU'U'bLa 'k ngcW
dc`YVbU#Y_ca YbXck UbU'dfnYn''''
<]j UuUcgži Xj Uf]Ug

⇒f'i bYfb\A Yb'k i fXY'a]f'j cb''''g\A f'Ya dZc`Yb''''

ᄃᄃᄃᄃᄃᄃ : ᄃᄃᄃᄃᄃᄃ `Yb[nY

7 nma]U'VmDUB'Vt 'dfnYV]k _c''''
<]j UuUcg_ÄfÄgžj j Urcg

bÄa Yh

K ØfXY'YgG]Y'⇒bYb'Yrk UgUi ga UWYbžk Ybb''''

7 nmVmVmDUB'U' 'i dfnY'a m''''
<]j UuUcg_ÄfÄgžj j Urcg

K ÄfYb'G]Y'gc'ZYi bX']W''''

6 mVma 'ncVck]ánUbniž[XnVn''''
<]j UuUcg_ÄfÄgžj j Urcg

⇒W'k ÄfY'⇒bYb'g\A f'j YfVi bXYbžk Ybb''''

6 m]Vma mk Xn]öWb] [XnVma İ ['DUB'dfnYg Uä
bLa 'k]öW^]bZcfa UM] bU'hYa U''''
<]j UuUcg_ÄfÄgžbu[mcb'i Xj Uf]Ug

K]f'k ØfXYb'i bgg\A f'ZYi Ybžk Ybb'G]Y'i bg
U' gZ\A f']WYfY'-bZcfa U]cbYb ØVf''''ni gYbXYb'_Cbbyb''

6mVna `k Xn]oVbnz[XnVmDUB`nVWVWU`""
<]j Uu]cg_`AfAgz`bu[mcb`i Xj Uf]Ug

=W`k AfY`=bYb`g\`f`XUb_VUfZk Ybb`GjY`""`_CbhYb`""

7 nma I [Vma]`DUB`dfnYg Ua`""
<]j Uu]cg_`AfAgzi Xj Uf]Ug

K 0fXYb`GjY`a]f`ZfYi bX`]WYfk Y]gy`""`ni gYbXYb`""

>YgY`a minU]bhYfYgck Ub]`bUWmVYa #cfnma Ub]Ya`""
<]j Uu]cg_`AfAgzi Xj Uf]Ug

K]f`g]bX`XUfUb`]bhYfYgg]Yfhz`""`ni`Vn]Y\Yb`#f`U`hYb`""

7\WU Vna`nUbnUaZ`Vn`""
<]j Uu]cg_`AfAgzi Xj Uf]Ug

=W`a 0WY`GjY`ZfU[Ybz`cV`""

7 nma I [Vma]`DUB`dc`YV]a`""
<]j Uu]cg_`AfAgz`_0nj YhYb

? 0bYb`GjY`""`Ya dZ\`Yb`""

Dfcg] Vna`c`dfnYg Ub]Y`a]`""
<]j Uu]cg_`AfAgz`_0nj YhYb

K 0fXYb`GjY`a]f`ZfYi bX`]WYfk Y]gy` `ni gYbXYb`""

Dfcgno`c`d]`bY`dfnYg Ub]Y`a]`""
<]j Uu]cg_`AfAgz`bu[mcb`_0nj YhYb

GjY`k YfXYb`Xf]b[`]Wgh[YWYb`""

6oXn]Ya mik Xn]oVbn]z`Y`]`""
<]j Uu]cg_`AfAgzi Xj Uf]UgzUj 1/2`U`UhibYj AVYb

K]f`k AfYb`=bYb`XUb_VUfZk Ybb`""

>U`U`YghDU`g`U`cVWbU`WbU`nU`""
<]j Uu]cg_`cb`fAh`_AfAgz`_0nj YhYb

K]Y`U`hYh`=f`U`h`Y`Yf`@]ghYbdfY]gZf`""

>YgY`a minU]bhYfYgck Ub]`""`]`VWVY`]Vma mig]o
Xck]YXn]Ya`""
<]j Uu]cg`AfXY`_`XAgz`_0nj YhYb

K]f`g]bX`Ub`""`]bhYfYgg]Yfhi bX`k 0fXYb`[YfbYk]gg]bz`""

N`fY`_`Ua mik b]cg_i`Ya nZ`Y`dfcXi`_i``a`DU`gk`c`""
<]j Uu]cg`AfXY`_`XAgz`_0nj YhYb

K]f`\UWb`=fYf`K`YfVi b[`YbHbca`a`Ybz`XUgg]GjY`""
\Yfgh`Yb`""

A`Ua minUa]Uf#B`cg]a mig]o`n`nUa]UfYa`""
<]j Uu]cg`gn]bXa`bnj`U`cnUz`_0nj YhYb

K]f`VWUg]W]h[`Yb`""

8c_ Uxb]Y'dfnYubU]nck U] a mIDU gfk U'dfcdcnmV5
]''''

K Jf \UWb`=f`5b[YWchigcf[ZAH] [YdfØzhi bX

< Jj Uu cgz`Øn`Yh`X`Øb`Åg

N'dfnm_fc Vj`]bZcfa i`Ya nž`Y''''

@Y]XYf`a ØggYb`k Jf`=abYb`a]HhY`YbžXUgg

< Jj Uu cgz`U`Yb`Uhj]ggU hUg`h`Uj U[m`ÅfXY`_` X`Åg`_]`bntU

NU`áVmb]_`Yghk`Zcfa UWY''''

8Yf`5b\Ub[]gh]a`''''!: cfa UH'

5b[c`:\]j Uu cgz`f`Ågn`YH`g`Y`F`g`c[mU`V`a nY`hia]`nYb`dfc[fUa a U`'bn]ggU`a Y[`U`V`g`h`c`a`]`bntU

B]Yi XUc`a]`g]õ`chk cfn`n`nU`áVmb]_`U`c`X`DUbU`A`I`^
dfc[fUa`k`m`fm`k`]fi`gU'

=W` \UW` =fYb`5b\Ub[`Yi`H`A`cf[Yb`b]W`h`Ø`Z`b`Yb`
_`Ø`b`Yb`"A`Y]b`J`]fY`g`M`b`b`Yf` \`U`h`Y]b`Yb`J`]fi`g`Y`b`H`X`W`H`'

< Jj Uu cgz`_`Øj`Yh`Ybž`f`Ågn`YH`g`dfc`V`Åa`U`Y`F`g`U`V`g`h`c`a`]`bntU`_`U`d`V`g`c`U`h`U`b

DfnYdfUgnLa ž`Y`b]Y`dfnYg`U`Ya`DUbi`H`^
k]UXca`c`V`k`W`Y`b]Y`ž`U`Y`n`d`ck`c`Xi`d`ca`m`_]`k`
UXfYg]Yžk]UXca`c`ã`ncg]U`Xc`a`b]Y`c`X`Y`g`U`b`U`n`
dck`f`ch`Ya`"

6]HhY`Yb`h`g`W`i`X][`Yb`G]Y`X]Y`Y`f`gd`Å`H`Y`K`Y]H`Y`Y]h`i`b[`X`Y`f`
B`U`W`f`]W`h`z`U`W`f`U`i`Z`]fi`b`X`Y]b`Y`g`H]dd`Z`Å`Y`f`g`_`Ua` `=a`f`Y`9!`
A`U]`a`]h`X`Ya`<]b`k`Y]g`"i`b`V`Y`_`U`b`b`H`Y`f`B`i`h`Y`f`" `U`b`a`]W`
ri`f`Ø`W`"

< Jj Uu cgz`i`Xj`Uf]Ug

K]õW`^]bZcfa UW]`a`c`Y`DUb`n`b`U`Y`ã`b`U`b`U`g`n`Y`^
g`f`c`b`]Y`]b`H`Y`f`b`Y`h`c`k`Y`''''

K Y]H`Y`Y`=bZcfa`U`h]c`b`Yb`Y`f`\`U`H`Yb`G]Y`U`Zi`b`g`Y`Y`f`
=b`H`Y`f`b`Y`g`Y]H`i`b`H`Y`''''

< Jj Uu cgz`La]_cf`f`Y`_`]`a`cnc`X`U`\`cb`U`dc`X`U`h

9!A Uj`!`@Yn]E]g

`Yb[nY

b`Åa`Yh

>Y`Y`]`d`c`f`n`Y`Vi`Y`DUb`X`c`X`U`h`_`ck`Y`^`d`ca`c`W`i`z`d`f`c`g`n`õ`
a`b]Y`dc]bZcfa`ck`U`ã"

:`Ø`f`k`Y]H`Y`Y`5`i`g`_`Ø`b`z`Y`g`h`Y`Y]W` `=a`b`Yb`[`Y`f`b`Y`ri`f`
J`Y`f`Z`Ø`i`b["`

< Jj Uu cgz`bU[`n`c`b`i`Xj`Uf]Ug

K`f`U`h]Y`^`U`_`Y`^`_`c`k`]Y`_`d`c`f`n`Y`V`n`z`d`f`c`g`n`õ`b`L`g`
dc]bZcfa`ck`U`ã"

6]HhY`U`g`Yb`G]Y`i`b`g`k`]g`Yb`z`Z`U`g`k`]f` `=a`b`Yb`k`Y]H`Y`f`
V`Y`_`Z`]W`g`Y]b`_`Ø`b`Yb`"

I`Xj`Uf]Ug`z`bU[`n`c`b`i`Xj`Uf]Ug

N`[`I`f`m`X`n]õ`_`i`Ø`''''

J`]Y`Yb`8`U`b`_`]a`J`c`f`U`g`''''

< Jj Uu cgz`bU[`n`c`b`i`Xj`Uf]Ug

>Y`Y`]`dclfnYVi`^`DUB`^U`_JW`_c`k`JY`_XcXU`_ck`n`W`
]bZcfa`UW]ždfcgnō`g]ō`n`Y`a`bá`_cbhU`_hck`Uā`
<]j`Uu`cgž`bU[`mcb`i`Xj`Uf]Ug`

: Øf`k`Y]hYfY`-bZcfa`U]cbYb`gh\Y`JW`-bYb`[`YfbY`ri`f`
J`YfZØ[`i`b[`"

6ōXō`VUFXnc`k`Xn]ōWbminU`nUdcnbU`b]Y`g]ō`n`Y`
gdfUk`á`hU`_gnmV`_cz`^U`_hc`a`c`_`]k`Y`
<]j`Uu`cgž`bU[`mcb`i`Xj`Uf]Ug`

=W`k`ÁfY`-bYb`Ái`»`Yf`gh`XU`_`VUFžk`Ybb`G]Y`X]YgY`
5b[`Y`Y[`Yb\Y]hgc`gWbY`^`k`JY`a`Č[`]W`dfØZy`_`ČbbhYb`"

6ōXō`k`Xn]ōWbminU`gnmV`_á`cXdc`k`JYX`ždcb]Yk`U`""`
<]j`Uu`cgž`i`Xj`Uf]Ug`

6]hY`Ubtk`cfhYb`G]Yi`bgi`a`[`Y`YbXžXU`

>Y`Y`]`dclfnYVi`^`DUB`^U`_JW`_c`k`JY`_XcXU`_ck`n`W`
]bZcfa`UW]ždfcgnō`c`_cbhU`_h`
<]j`Uu`cgž`i`Xj`Uf]Ug`

: Øf`k`Y]hYfY`-bZcfa`U]cbYb`gh\Y`JW`-bYb`[`YfbY`ri`f`
J`YfZØ[`i`b[`"

7]Ygnma`b]Y`a`c`_`]k`U`dYfgdY`_hmk`U`k`gdí`_dfUWf`
<]j`Uu`cgž`i`Xj`Uf]Ug`

=W`ZfYi`Y`a`JW`_U`ZX]Y`Ni`gJa`a`YbUfVY]h`

8n]ō`_i`ō`n`U`DU`g`_á`dca`cWk`_hY`^`gdfUk`JY`
<]j`Uu`cgž`i`Xj`Uf]Ug`

J`JY`Yb`8U`_`ZØf`_`-fY`<`J`ZY`]b`X]YgYf`5b[`Y`Y[`Yb\Y]h`

@]Wō`b`U`a`c`_`]k`c`_á`ca`_`I`k`JYb]U`gdfUk`mdcXW]Ug`
gdch`_U`b]U`
<]j`Uu`cgž`i`Xj`Uf]Ug`

=W`ZfYi`Y`a`JW`_XUfU`Z`X]YgYb`GUWj`Yf\`U`hia`]h`-bYb`ni`
VYgdfYWYb`"

>Y`Y`]`dclfnYVi`^`DUB`_XcXU`_ck`n`W`_]bZcfa`UW]""`
<]j`Uu`cgž`_`Ňj`YhYb`

: U`_g`G]Yk`Y]hYfY`-bZcfa`U]cbYb`VYbŇj[`Yb`""`

8cWb]Ua`miDU`gfk`U`dfUWø`
<]j`Uu`cgž`_`Ňj`YhYb`

K`]f`g`W`Ä`h`Yb`G]Y`U`g`?`i`bXY`"

Dfcgnō`c`_`cbhU`_h!`_`a`_`I`^`bi`a`Yf`hY`YZcbi`_`hc`""`
<]j`Uu`cgž`bU[`mcb`_`Ňj`YhYb`

6]hY`_`cbhU`_`h]YfYb`G]Y`a`JW`""`A`Y]bY`HY`YZcbbi`a`a`Yf`_`]g`h`""`

7nY`_`La`_`b`U`DU`b`U`c`Xdc`k`JYX`_`"
?`Yj`_`Á`gV`_`Á`_`]j`Uu`cgž`i`Xj`Uf]Ug`

=W`k`ØfXY`a`JW`ZfYi`YbžVUXj`cb`-bYb`ni`_`^`ČfYb`"

N`k`mfU`h`Ua`_`]`gnUW`b`_`j`_`ž`
<]j`Uu`cgž`V]á`nYh`h`b`Yj`Y`]ga`YfYhYb`

A`]h`ZfYi`bX`]WYb`_`;`fØ`»`Yb`

N`k mFlUla]`gnUW/b_i #DcnXfUk]Ua ž
<]j Uu]cgž[mU_fUb`Ugnb]žž]ga YfhVĚa nYth

A]hžFyi bX]WYb; fØ»Yb

N`dck U Ub]Ya ž
<]j Uu]cgž`bYa `[mU_fUb`Ugnb]žž]ga YfhVĚa nYth

< cWUWhi b[g c``

DcnXfUk]Ua `gyfXYWtb]Yž
B Ya `]j Uu]cgž`ĀhØn`Yh`dUfhbYf`_ØnØtžU_]`ĤY[Yn XbY_

< Yfn]WY; fØ»Y

DcnXfUk]Ua ž
B Ya `]j Uu]cgž`ĀhØn`Yh`dUfhbYf`_ØnØtžU_]`[mU_fUb`Xc`[cnbU_]Y[mØth

; fØ»Y