

DYfgcb`][ h  
@mVÖbg\_b]b[ Uf



@mVÖbg\_b]b[ Uf ! ; ]Zhf a Á`

Dc`g\_U

; fUhi `i `Ya m` nWmna miK La `k gmg\_h\_]Y[ czVt  
bU^YdgnY`

5 bj ÄbXg`Uth[ fUhi `YfUYthibm[ ]ZhdUf

I b[ Yfg\_U

; fUhi `½c\_° BU[ ncb`gc\_ Vc`Xc[ g½ch\_½] ½bc\_°

; fUhi `UW` ]bU^YdgnY` mWYb]U`k `Xb]i ` `i Vi °

5 bj ÄbXg`Uth[ fUhi `YfUYthibm[ ]ZhdUf

; fUhi `½c\_`ÄgU`Y[ `cWU\_Uh\_½] ½bca `a ]bX\_Yth hÖ\_bY\_  
UhYg\_Ø hÖ\_bUd`½b"

K gmg\_h\_]Y[ c`bU^YdgnY[ c`bU`bck Y`XfcXnY` mWU`

½Zcfa Y`hZ`Ubj ÄbXg`Uth[ fUhi `YfUYthibm[ ]ZhdUf`gca `Xi `ÄbbYf[ Ubg\_Uj Ä`

; fUhi `½c\_`½Ugg½\_ÖÄgMY\_U\_Ua ½½i`°

; fUhi `UW`n`c\_Uh` ]k mack ]YXnYb]U

gU\_fla Yb]U`bY[ c`"fU`""

½Zcfa Y`hZ`Ubj ÄbXg`Uth[ fUhi `YfUYthibm[ ]ZhdUf`gca `Xi `ÄbbYf[ Ubg\_Uj Ä`

; fUhi `½c\_`Uh`" ] [ Yb`"! \Yn°

; fUhi `UW`a` cXY`dUfnY` ]gnWö V]U`bU`k` gdl `bY`^  
XfcXnY` mWU`

5 bj ÄbXg`Uth[ fUhi `YfUYthibm[ ]ZhdUf

; fUhi `½c\_`Ua` YontUggrcbntU\_`ÄgUj `Y[ ÄbntY\_U`  
½Ugg½\_ÖÄgMY\_U\_Ua ½½i`""

@mVÖbg\_b]b[ Uf ! : Öf`cj b]b[

Dc`g\_U

; fUhi `i `ö`nUföWmb°

GHubXUFXFUg`ZÖf`Uth[ fUhi `YfU`bÄ[ cb`gca `ZÖf`cj`Uhg[ ]

I b[ Yfg\_U

; fUhi `½c\_`Uh`Y`Y[ nmÄgMY\_` \Yn°

mWö`K` La `k gmg\_h\_]Y[ czVt`bU^YdgnY`bU`  
bUXWcXn`áW`^XfcXnY` mWU`

5 bj ÄbXg`ZÖf`Uth[ fUhi `YfUYthibm`ZÖf`cj`UhdUf

5`Y[ `cWU\_Uh\_½] ½bca `a ]bX\_Yth hÖ\_bY\_`Y`Y[ nmÄgMY\_  
U\_Ua ½½i`""

; fUhi `UW`n`c\_Uh` ]nUföWmb°` mWö`K` La` ž`U`m`V]Y`  
nUk` gnY`Vm]` ]gnWö `]k` ]"

5 bj ÄbXg`ZÖf`Uth[ fUhi `YfUYthibm`ZÖf`cj`UhdUf

; fUhi `½c\_`Uh`Y`Y[ nmÄgMY\_` \Yn°`F`Ya` Ä`Ya` `bU[ ncb`  
Vc`Xc[ c\_`"YgnY\_`Y[ nÖth°

; fUhi `UW`n`c\_Uh` ]nUföWmb°` mWö`K` La` ž`U`m`V]Y`  
nUk` gnY`Vm]` ]fU`Ya` `fU\_`gnWö `]k` ]ž`U\_`hYfU`h"

5 bj ÄbXg`ZÖf`Uth[ fUhi `YfUYthibm`ZÖf`cj`UhdUf

; fUhi `½c\_`Uh`Y`Y[ nmÄgMY\_` \Yn°`F`Ya` Ä`Ya` `bU[ ncb`  
Vc`Xc[ [ ½zc[ `½c\_`hYbb`Y[ na` ½g°

DYfgcb`][ h  
@mV`Cbg\_b]b[ UF



; fUhi `i `õ'nUfõVmb`°7nm'f` k mmbUWm] VY'XUõ  
`i Vi 3

; fUhi `½c\_`Uh'Y`Y[nmÁgMY`Yn`Hi X`Y½c\_`a ½Z`c[m  
a `]cf`Ygn'Ubu[m]mbUd3

5 bj `AbXgZõF`Uhi[ fUhi `YfUYhmbZõF`cj UhdUf`gca `Xi `Abbyf`j `À`cW`ZõF`UhiGJa h]X][ hZfÁ[ U`bÁF`Vfõ`cdYh\_ca a Yf`Uh  
VÁ`Ug

@mV`Cbg\_b]b[ UF ! : ÒXY gYXU[ UF`cW`ÁfgXU[ UF

Dc`g\_U

I b[ Yfg\_U

I fcXn]bck Y` mMYb]U`

6c`Xc[ `gnØYhÁgbUdch`

5``a `Ab`ZÒXY gYXU[ gV`À`gb]b[ ž`]\HhUgj Ub`][ h] ]gdÁ`ZÒXY gYXU[ g\_cfh

K gmgH\_]Y[ c`BU`YdgnY[ c`k `8bj] `I fcXn]b`

6c`Xc[ `gnØYhÁgbUdch`

5``a `Ab`ZÒXY gYXU[ gV`À`gb]b[ ž`]\HhUgj Ub`][ h] ]gdÁ`ZÒXY gYXU[ g\_cfh

Grc`Uhi

A `Á[ `ÁgnYf`Ybbr]h`

5``a `Ab`ZÒXY gYXU[ gV`À`gb]b[ ž`]\HhUgj Ub`][ h] ]gdÁ`ZÒXY gYXU[ g\_cfh

K gmgH\_]Y[ c`bU`YdgnY[ c`k `hma` `gnMY[ `I `bma` `Xb]i` "

BU[ ncb`gc\_`Vc`Xc[ g]½chi\_½] ½bc\_`YnYb`U`ØCb`Y[ Yg  
bUdcb`"

5``a `Ab`ZÒXY gYXU[ gV`À`gb]b[ ž`]\HhUgj Ub`][ h] ]gdÁ`ZÒXY gYXU[ g\_cfh

GdY b]Yb]UA UfnY `k `8bj] `I fcXn]b`

J ½cb]j U`I fUUh`CggYg]½a cX`°6c`Xc[ `gnØYhÁgbUdch`

5``a `Ab`ZÒXY gYXU[ gV`À`gb]b[ ž`]\HhUgj Ub`][ h] ]gdÁ`ZÒXY gYXU[ g\_cfh

K gmgH\_]Y[ cžVt`bU`YdgnY`k `hma` `Xb]i` "

BU[ ncb`gc\_`Vc`Xc[ g]½chi\_½] ½bc\_`YnYb`U`ØCb`Y[ Yg  
bUdcb`"@Y[ mYb`VgX]½g]U`bUdcb`X`°

K gdUb]U`nW`i fcXn]b`

5``a `Ab`ZÒXY gYXU[ gV`À`gb]b[ ž`]\HhUgj Ub`][ h] ]gdÁ`ZÒXY gYXU[ g\_cfh

B U`YdgnY` mMYb]U`n`c`Uh`^`fcVmb]Vh`i

6c`Xc[ `Á] ZcfXi` `i`h`

5``a `Ab`ÁfgXU[ gV`À`gb]b[ ž`]\HhUgj Ub`][ h] ]gdÁ`ÁfgXU[ g\_cfh

B U`YdgnY` mMYb]U`n`c`Uh`^`""fcVmb]Vh`i

6c`Xc[ `""Á] ZcfXi` `i`h`

] fgXU[ gV`À`gb]b[ `gca` `Ubj `AbXgZõF`UhiZ]fU`Yb`gdYV]Z\_`ÁfgXU[ `fH`YI` ""&)!Áfg]g]j YfVfõ`cdgXU[ ž`(\$!Áfg]fi V]bVfõ`cdgXU[ Ł

""UhfU`hYa`°` mWõ`k`gdUb]U`Y`^`fcVmb]Vh`i` `i`Vi`°

""Á] `i`h`b`]gY[ nØhVc`Xc[ Ub`Gc\_`Vc`Xc[ g]½chiUh  
Á] ZcfXi` `i`U`Ua` ½V`i`°

5 bj `AbXgZõF`UhiVYrcbU` `Ab[ XYb`dÁ`Á`\_hYbg`UdYh`cW`ZõF`UhiCbg\_U`Yb`hYfj` `][ `Vfõ`cdgXU[

DYfgcb`][ h  
@mV`Cbg\_b]b[ Uf



B U^YdgnY' mWYb]Un'c\_Uh^]DcfW`Ubck Y^ ; fUhi `1/2c\_`U'DcfW`1b`@U\_cXUca \cn°  
F cVWb]Vtni  
5 bj `AbXg`ZCf`UtnZ]fU`Yb`&\$!Áf][ `VfD``cdgXU[

B U^YdgnY' mWYb]Un'c\_Uh^]GfVfbY^F cVWb]Vtni ; fUhi `1/2c\_`Uh`9n0ghU\_cXUca \cn°  
5 bj `AbXg`ZCf`UtnZ]fU`Yb`&!Áf][ `VfD``cdgXU[

B U^YdgnY' mWYb]Un'c\_Uh^]F i V]bck Y^F cVWb]Vtni ; fUhi `1/2c\_`U; nA` 1bhiU\_cXUca \cn°  
5 bj `AbXg`ZCf`UtnZ]fU`Yb`(\$!Áf][ `VfD``cdgXU[

B U^YdgnY' mWYb]Un'c\_Uh^]DYf ck Y^F cVWb]Vtni ; fUhi `1/2c\_`U; nCb[mU\_cXUca \cn°  
5 bj `AbXg`ZCf`UtnZ]fU`Yb`\$!Áf][ `VfD``cdgXU[

B U^YdgnY' mWYb]Un'c\_Uh^]? cfUck Y^F cVWb]Vtni ; fUhi `1/2c\_`UJ`1gncb`U\_cXUca \cn°  
5 bj `AbXg`ZCf`UtnZ]fU`Yb`"!Áf][ `VfD``cdgXU[

B U^YdgnY' mWYb]Un'c\_Uh^]N chY^F cVWb]Vtni ; fUhi `1/2c\_`Uh`5fUbnU\_cXUca \cn°  
5 bj `AbXg`ZCf`UtnZ]fU`Yb`) \$!Áf][ `VfD``cdgXU[

B U^YdgnY' mWYb]Un'c\_Uh^]8]La Ybrck Y^ ; fUhi `1/2c\_`U; nA` 1bhiU\_cXUca \cn°  
F cVWb]Vtni  
5 bj `AbXg`ZCf`UtnZ]fU`Yb`\* \$!Áf][ `VfD``cdgXU[

@mV`Cbg\_b]b[ Uf ! `? fntU`dA`X][ !\A`gb]b[ Uf

Dc`g\_U I b[Yfg\_U

K fUW`Xc`nXfck ]U' >cWi `1gh`

GHubXUFX`\_fntU`dA`X][ !\A`gb]b[ ž\]HtUbj Ub][ [hj ]g`dA`\_cfh

mWd`gmv\_]Y[ c`dck fch `Xc`nXfck ]U' F Ya A`Ya ž\c[ mbYa gc\_1EU`cVWUb`YgnY"  
GHubXUFX`\_fntU`dA`X][ !\A`gb]b[

Dfnm`a ]^cX`blg; mWYb]UnXfck ]U' F Ya A`Ø\_ž\c[ ma ]bA` \Ua UfUW`cVWUb`YgnY"  
GHubXUFX`\_fntU`dA`X][ !\A`gb]b[ žF`Ab`a Yf`Ab`Yb`dYfgcb

A m`La ]`YghYa `niHcVá`" mWd`gmv\_]Y[ c`dck fch F 1X[ cbXc`c\_`AgfYa A`Ya ž\c[ m\Ua UfcgUb`cVWUb  
Xc`nXfck ]U' `YgnY"  
GHubXUFX`\_fntU`dA`X][ !\A`gb]b[

DYfgcb`][ h  
@mWÖbg\_b]b[ UF



CX'k gmg]W'k ""žk fUW'gnV\_c`Xc'nXfck ]U' A ]bXYb\_]`bYj ÅYb`U""ž`cWVi `Vgh\_ŕj ]bi b\_"  
? fntUdÁ`X][ !\À`gb]b[ UF`ZfÁb`ZYfU`dYfgcbYf`dÁ`Yth`cbhcf`Y`Yf`Yb`UFYhgd`Urg

K gmg]W'k ""dcnXfUk ]U'š`7]ö`gYfXYW]b]Y" ; nñ[nñ`^`a Y[ `Ua UF`A ]bXYb\_]`[ cbXc`f`1X`]Ht'  
? fntUdÁ`X][ !\À`gb]b[ UF`ZfÁb`ZYfU`dYfgcbYf`dÁ`Yth`cbhcf`Y`Yf`Yb`UFYhgd`Urg

@mWÖbg\_b]b[ UF`!`5`a`AbbU`[ fUhi`U]cbYf

Dc`g\_U I b[Yfg\_U  
; fUhi`i`ö"" ; fUhi`1z`\_U""  
GhUbXUFX`[ fUhi]gZfUg

mWö`dck cXnYb]Uk`dfmng`c`V]`g]a`nW BU[mcb`gc`\_g]`Yfh`ÅggnYfYbVg]h`ŕj`1bc`\_bY`YX`U""  
g`\_Wg]k`k`""  
5 bj`ÅbXg`ZÖf`Uth`Öbg\_U`bÁ[ cb`nW`U]h``]`ZfUa`h]XYb

mWö`g]a`nW`g`\_Wg]k`k`"" Gc`\_g]`Yfh`ŕj`1bc`\_U""  
5 bj`ÅbXg`ZÖf`Uth`Öbg\_U`bÁ[ cb`nW`U]h``]`ZfUa`h]XYb

7\W`a`m7]`dc`[ fUhi`ck`Uá"" GnYfYth`Åb`\_`[ fUhi`1z`\_U""  
5 bj`ÅbXg`ZÖf`Uth`[ fUhi`YfU`bÁ[ cb`gca`\_`UF`Ágh`UX`\_ca`a`]hbÁ[ chgdYV]Z]\_h

; fUhi`i`ö"" GnÁd`a`i`b`\_Uj`c`h`U""  
5 bj`ÅbXg`ZÖf`Uth`[ fUhi`YfU`bÁ[ cb`gca`\_`UF`Ágh`UX`\_ca`a`]hbÁ[ chgdYV]Z]\_h`ž`a`]bXFY`[ fUhi`YfU`bY

; fUhi`i`ö`nXUb]U`dfUk`U`U`hXm ; fUhi`1z`\_U`c`[ cg]j`1bncX`cn`  
5 bj`ÅbXg`ZÖf`Uth`[ fUhi`YfU`bÁ[ cb`gca`\_`UF`U]h]`\_g]b`i`dd`Öfb]b[

; fUhi`UW""K`]YXn]U`Ya`ž`Y`7]`g]ö`i`XU' GnÁd`a`i`b`\_Uj`c`h`Hi`Xh`\_ž`c`[ m`a`Y`[ Zc`[ cX`h`Xb]  
Vg]b`1z`\_U""  
5 bj`ÅbXg`Uth`[ fUhi`YfU`bÁ[ cb`žj`Ub`][ h]`g`Yb`b`ÅfUj`Åb`Y`Yf`Yb`Z]a`]`Ya`YX`Ya

8cVfU`fcVchU' ; fUhi`  
=bZcfa`Y`hž`[ Ubg\_U`cj`Ub`][ hcW`ZÖf`\_cf]b]b[ `ZÖf`[ fUhi`U]cbYf`f]dÁ`Yb`[ Y`g`Už`Ubj`ÅbXg`Uth`[ fUhi`YfU`bÁ[ cb

@mWÖbg\_b]b[ UF`!`5`\_UXYa`]g`\_U`ZfUa`[ Áb`[ UF

Dc`g\_U I b[Yfg\_U

DYf gcb`][ h  
@mVÖbg\_b]b[ Uf



; fUhi `i `öi \_c VmYb]Ughi X]i k ° ; fUhi `½c\_ UX]d`ca ½\cn°  
5 bj ÄbXg:ZÖf`Uthi[ fUhi `YfU`bÄ[ cb`gca `Yf\Ä`]hi b]j Yfg]YhgYi La Yb

; fUhi `i `öi nXub]UY[ nLa ]b]i k ° ; fUhi `½c\_ Ugl`YfYgj ]ng] ½\cn°  
5 bj ÄbXg:ZÖf`Uthi[ fUhi `YfU`bÄ[ cb`gca `Uj \_`UfUhg]bUYi La Ybgdfcj

Dc\_UhUY žVč`dchfUZ]gn°; fUhi `i `öi k ]YfbmVX BU\_]`U\_]f½zn8`GnÄd`a i b\_Uj c`hUj ]ng] U  
k nb]\_i k °  
=bZcfa Y`cVW`j UFXU[ `][ `ZfUgžUbj ÄbXg:XÄ`bÄ[ cb`gca `Xi ` \_ÄbbYf`j Ä` \_`UfUhiUj `Yb`Ybhu`i hca cfXYbh][ hvFU

; fUhi `i `öi cVfcbmiÄ U[ ]ghfU]` mVö`dck cXnYb]Uk ; fUhi `½c\_ Ua YghYf`X]d`ca ½\cn`Äggc\_`gl`Yfh`\_ë] ½bc\_ U  
dfUWñi `ö] Vyb°  
5 bj ÄbXg:ZÖf`Uthi[ fUhi `YfU`bÄ[ cb`gca `gi hZÖfhig]b`a U[ ]ghYfYi La Yb`cVW`ZÖf`UthiÖbg\_UXYa `mV\_Uh]` `]ZfLa h]XYb

; fUhi `i `öi k ]YfbmVX`k nb]\_i k `n`Y[ nLa ]bi `]` mVö dck cXnYb]Uk `dfnngn c`VY° ; fUhi `½c\_ Uh`ÄfYhgÄ[ ]\Yn`Äggc\_`gl`YfhU`\_Äg W]Y\_Vyb°  
5 bj ÄbXg:ZÖf`Uthi[ fUhi `YfU`bÄ[ cb`gca `hU[ ]hgi XYbhYb`a Yb`gca `Xi `Äf`cgÄ`Yf`dÄ`]ZU` `XY`d`LbYfUf`UthVÖf`Ugi XYfUY`Y`Yf`  
Uthig\_UZZU`Ythi`cVW

; fUhi `i `öi nXub]UY[ nLa ]b]i k `]` mVö`dck cXnYb]Uk ; fUhi `½c\_ Uh`ÄfYhgÄ[ ]\Yn`ÄgU`Y`cWU\_Uh`\_ë] ½bc\_ U  
dfUWñi a i b\_½`gcf`½b°  
5 bj ÄbXg:ZÖf`Uthi[ fUhi `YfU`bÄ[ cb`gca `hU[ ]hgi XYbhYb`cVW`gca `Xi `j`YhÄf`i`hY`YZYf`UthZÄ`hU[ `]`Ythi`cVW

; fUhi `i `öi dfnmöV]U`bU`i b]k Yfgn]m]`Dck cXnYb]U° ; fUhi `½c\_ Uh`Y[ mYh`a ]`Z`j`ÄhY`]`Yn`5`Y[ `cWU\_Uh`  
\_ë] ½bca °  
5 bj ÄbXg:ZÖf`Uthi[ fUhi `YfU`bÄ[ cb`gca `g\_UVÖf`Ugi XYfU

@mVÖbg\_b]b[ Uf ! `? cbXc`Yubgyf

Dc`g\_U

>YghY a mik gnm]m]i[ öVc\_c`k`ghná b]öV]bU[ á  
a ]YfV]ä`"""] V\W]Y]Vma mik nfU]ä`bUgnY  
bU[ öVgnY`k`gäi` Vmi`VY`

5 bj ÄbXg:ZÖf`Uthi`f`ÖghU`bÄ[ cb`XÄ`bÄ[ cb`Uj `XYfUg`bÄfU`Ub`Öf][ U[ `ÄthVcfh`8`ÖXgZU`Yh`\_Lb`\_Uj`Uf]hj`Äb]hY`Yf`cj`Äb]h

I b[ Yfg\_U

A ÄngÄ`YgYb`gc`\_c`j`U`U`c`thi`\_ž`c[ m]`"]`nYb`\_`f]hY`Yb  
Y`i`bn]i`ÄggYf`Yhb`\_`Y[`nÖ`hÄf`n`Äg`öb`\_`Yh`#`f`Äg`j`Ä`h`öb`\_`Yh`  
bn]j`½`b]b]`"

6 UFXnc`bLa `dfnm`fc`g`ngnYä`c`ghfU]WY`Hk`Y[ c  
V]g\_]Y[ c"

A ÄngÄ`YgYb`gU`b`½`i`\_`Uj`Yg`hYgÄ`Yh`

5 bj ÄbXg:ZÖf`Uthi`f`ÖghU`bÄ[ cb`XÄ`Yb`bÄfU`Ub`Öf][ `]`ÄthVcfh

DYfgcb`][ h  
@mVÖbg\_b]b[ UF



G\_ UXLa `k nfhmgnVWYFY[ c`k gdl` Vti VJU`

GnYfYtbÅa `fÅgj ÅYya Yhibn]j ]bÉub] Ynyb`U`gca cfÖ  
bUdcb"

5 bj ÅbXg`ZÖf`UthfÖgU`bÁ[ cb`XÁ`Yb`bÅFU`Ub\Öf][ ` [ ÅthVcfh

>YgY` a midcfi gnYb]`n`dck cXi` `dfnYXk VWYgbY^  
a ]YfVY`DUbU#DUb]`gnbU`#WVf\_]`#a ö U`#` cbrž`""""

J Å[ HY`YbØ`gca cfÖU\_`j U[`ni`b\_`U  
Z]UX#]bncX#ZÅf`YX#ZY`YgÅ[ YX`\_cfU]`U`U`½]`a ]Uth`""

5 bj ÅbXg`ZÖf`UthfÖgU`bÁ[ cb`XÁ`XYfUg]`gcb`#XcHfVf`#a U\_Y`#a U\_U`Uf` [ ÅthVcfh]f]bbY\Å`Yf`bLa bYhdÅ`XYb`Uj` `]XbY#L

Dfcgnö`dfnmää`bUgnY`bU[ `öVgnY`\_cbXc`YbWY`]  
k nfhmik gdl` Vti VJU`k` `ma` `bU`fhi` Xb]Y`gnma` `VlUg]Y`"

? Åf`Y\_`Zc[ UXX`fÅgj Åb`b\_`YhVWYb`U`bY\Ån]X` gnU`\_VUb`"

5 bj ÅbXg`ZÖf`UthfÖgU`bÁ[ cb`XÁ`Yb`bÅFU`Ub\Öf][ ` [ ÅthVcfh

7U`na` `gyfW`a` `YgY` a` min`K` Ua` ]`]`K` Ugná`fcXn]`bá`k  
ma` `bU`fhi` Xb]Y`gnma` `c`\_fYg]Y`"

@Å`Y`\_Vyb`j` Y`YX`Åg`U`VgU`½`c`XXU`j` U[`ni`b\_`YnY`\_Vyb`U  
bY\Ån]X`\_`Vyb`"

5 bj ÅbXg`ZÖf`UthfÖgU`bÁ[ cb`XÁ`Yb`bÅFU`Ub\Öf][ ` [ ÅthVcfh

@mVÖbg\_b]b[ UF ! ? Uff]ÅfZUa [ Áb[ UF

Dc`g\_U

I b[ Yfg\_U

nWö`k` gnggh\_]Y[ c`bU^YdgnY[ c`]`dck` cXnYb]Uk  
bck` Y^dfUWnk` `""

Gc\_`g\_`Yfh\_`É` ]bi` b\_`Uh`Ö`^`a` i` b\_`½`cn`U`""""

5 bj ÅbXg`bÅf`h]X][ UfY`\_c`Y[ cf`Öbg\_Uf`bÁ[ cb`mV`U`h]` `a` YX`Ythbntth`é`V

CX`k` gnggh\_]W`dfUWk`b\_]`i`k` `""`ž` nWma` m  
dck` cXnYb]Uk` `bck` na` `a` ]Y`gW`dfUWf`

A` ]bXbn]½`Ub`""`ž`Gc\_`g\_`Yfh\_`É` ]bi` b\_`Uh`Ö`^`  
a` i` b\_`U`Y`m`X`Y`r`"

5 bj ÅbXg`bÅf`h]X][ UfY`\_c`Y[ cf`Öbg\_Uf`bÁ[ cb`mV`U`h]` `a` YX`Ythbntth`é`V

nWma` mik` gnggh\_]Y[ c`ž`V`bU^YdgnY`bU`bck` na`  
g`Ubck` ]g\_i` `""

Gc\_`g\_`Yfh\_`É` ]bi` b\_`Uh`Ö`^`V`c`gn]½`c`X`cn`a` i` b\_`½`cn`  
a` ]bh`""

5 bj ÅbXg`bÅf`h]X][ UfY`\_c`Y[ cf`Öbg\_Uf`bÁ[ cb`mV`U`h]` `a` YX`Yb`bnih`Å`bgh

nWma` mi7]`g`Ja` mW`g`\_W`g]`k` `k` `nk` ]án\_i` `n`  
fcdcVWöVYa` `c`\_Y`bY[ c`\_fc\_i` `k` `Uf]YfnY`  
nUk` cXck` Y^`

Gc\_`g\_`Yfh`Uh`Ö`^`a` i` b\_`U`Y`m`Yb`"

5 bj ÅbXg`bÅf`h]X][ UfY`\_c`Y[ cf`Öbg\_Uf`bÁ[ cb`mV`U`h]` `a` YX`Ythbntth`é`V

; fUhi` `i` `ö`bck` Y^dfUWf`

; fUhi` `½`c`\_ž`c[`ma` Y[`\_Ud`h`U`X`U`h`½`]g`h`

5 bj ÅbXg`ZÖf`Uthi` fUhi` YfU`bÁ[ cb`gca` ZÅthYthbntthž` Ub` ]h` ]g`i`\_fU`h]` h`é`V

DYfgcb`][ h  
@mW`Cbg\_b]b[ Uf



Dck cXnYb]Uk `bck Y`dfUWtk ""

Gc\_g]YfhUh`Yg `a i b\_UbUdcXcb`U""

5 bj `AbXgZ`Cf`Uthi`Cbg\_UbA[ cb`Yb`VfU`Z`Cf`gU`XU[ `dA`Y`thibntthi`c`VW

@mW`Cbg\_b]b[ Uf ! : `OXY`gY

Dc`g\_U

I b[ Yfg\_U

7]Ygnma mgl`o`n`k ]Y W`c`bUfcXn]bUW`k UgnY[ c  
gnb\_U# UgnY`W`f`V`W`\_"]"; fUhi `i `Ya m`

BU[ m`Cf`Oa a Y`U`c`thi`\_z`c[ ma Y[ gn`Ø`Y`thi`U  
Z]Uhc`#`Y`b`n`c`h`c`\_"; fUhi `1/2` b\_`

5 bj `AbXgZ`Cf`Uthi[ fUhi `YfU`Y`thidUf`XÁ`XY`ZÁ`thVUfb

; fUhi `UW`n`ic`\_Uh`]`bUfcXn]b`Xn]YW`U`

; fUhi `1/2` b\_`Uh`Ö`^`Q` Yj `Abm`Yn`

5 bj `AbXgZ`Cf`Uthi[ fUhi `YfU`Y`thidUf`XÁ`XY`ZÁ`thVUfb

A cXY`a`Ua ]Y. BU`Y`dgnY` mW`Yb]U`X`U`7]YV]Y`]  
Hk c`Y[ c`gnbU`#`k c`Y`W`f`\_"]

A ]bXYb`Í`h`\_É` 1/2`i b\_`Uh`Ö`X`cbg`Ø`h`Ubn`\_1/2`U`Á`gU  
\_]g]UW`1/2`U`"

5 bj `AbXgZ`Cf`Uthi[ fUhi `YfU`Y`b`\_j ]bb`U`gca `Z`C`thVUfb

; fUhi `i `Ya midf`n`m`V]U`bU` k ]Uhi`K UgnY[ c` `]W`bY[ c  
Xn]YW`U`

; fUhi `1/2` b\_`U[ n`Ö`b`n`Öf` `Ö`gn`Ø`Ø`thi`\_]g]1/2`m`cn#`\_]g]Z`Ö`cn`

5 bj `AbXgZ`Cf`Uthi[ fUhi `YfU`Y`thidUf`XÁ`XY`ZÁ`thVUfb

8i a bna `fcXn]W`a ž[ fUhi `UW`n`ic`\_Uh`]`dfn`m`V]U`bU  
k ]Uhi`""`6`ö`Xn]YW]Y`k`gd]U]U`na ]`fcXn]W`a ]"

""`V`Ø`gn`\_Y`gn`Ø`Y]bY`\_"; fUhi `1/2` b\_`Uh`Ö`gn`Ø`Ø`thi`Ö`h`Ö`h`"6]n`h`cg  
j ]U[ n`c\_`V`Y`b`b`Y`z`c[ m`bU[ n`gn`Yf` `gn`Ø` \_`Y`g`thY`\_"

5 bj `AbXgZ`Cf`Uthi[ fUhi `YfU`Y`thidUf`XÁ`XY`ZÁ`thVUfb

@mW`Cbg\_b]b[ Uf ! `5`thi`h`UW`U

Dc`g\_U

I b[ Yfg\_U

8n]ö\_i `ö`VUfXnc`n`U""

BU[ n`cb`\_`Ö`gn`C`b`Oa` `U""

5 bj `AbXU]g`ca `U`a `Ab`h`UW`a` Y`X`Y`U`b`X`Y

7`V`ö`dcXn]ö`ck`Uä`k` ]a ]Yb]i `a c`Y[ c`a`ö`U`#`a`c`Y`  
cbm]`g`k`c]a`n`U""

Gn`Yf`Y`th`Á`a` `a`Y[ \_`Ö`gn`C`b`b]`U`Z`Á`Y`a` #`Z`Y`g`Á`Y`a` `Á`g`U`g]U`1/2`  
b`Y`Y`a`V`Y`b`]g`z`c[ m`i""

5 bj `AbXg`XÁ`Xi` `c`W`b`Á[ cb`U`b`b`U`j` ]`h`UW`U`Y`b`d`Y`f`g`cb

B]Y`k` ]Ya`ž`U`\_`a`c[ `ö`dcXn]ö`ck`Uä`n`U""

B`Ya` ]g]h`i`X`ca`ž`c[ n`t`b`\_`Ö`gn`C`b`Y`th`Á`a` `a`Y[ ""

5 bj `AbXg`XÁ`Xi` `Á`f`j` `À`X][ h`h`UW`g]a` `Ö`Y`f`b`Á[ ch`g`ca` `b`Á[ cb`[ `c`f`h`Z`Cf`X][

>U`c`X`ck`Í`X`k`Xn]ö`M`bc`W]""

< 1/2`1/2`\_`Y`Á`Ø`z`c[ U`X`X`Y` ""

5 bj `AbXg`b`Á`Xi` ]`Y`f`b`Á[ cb`Y`b`h`UW][ `Á`j`U`

DYfgcb`][ h  
@mVÜbg\_b]b[ UF



7\WY]Vma min c nã'bUgnY'buU[ cföhgny  
dcXn]ö\_ck Ub]U''''nU''''

GnyfYhbÄb\_ \_]ZY'Yrb]\ ½½b\_UhU''''''

5 bj ÄbXgXÄ'Xi Ä'fj Ä'X][ hHUUgJa Öj Yf'bÄ[ chgca 'bÄ[ cb '[ ^cfhZÖf'X][

>YgY a mVUFxnc'k Xn]öVmb]'nU''''

BU[ncb\ ½½U\_j U[ nmb\_ U''''

5 bj ÄbXg'bÄf'Xi \ Ä'fh][ hj ]'' HUUU'bÄ[ cb'ZÖf'bÄ[ chgca 'XY\UF'[ ^cfhZÖf'X][

B]Y'a U'c'Vma 'a I'k Jä''K fÖVmi'dfnWk b]Y. 'rc'U  
dck ]b]YbYa '7]'dcXn]ö\_ck Uä°

GYa a ]gÄ["9''Yb\_Yn 'Y[. 'bY\_Öb\_ \_Y''\_ÖgnÖbYh  
a cbXUb]'bY\_YX°

5 bj ÄbXg'bÄf'bÄ[ cb'HUUUF'X][ 'ZÖf'bÄ[ chXi '[ ^cfhia Yb'gca 'cWgÄj UF'H''\ Ä'd'ZÖf'X][

@mVÜbg\_b]b[ UF ! < Q]hXgÄ`gb]b[ UF

Dc`g\_U

I b[Yfg\_U

BU^YdgnY' mVYb]U' k ]ähVmbY''''

, bbYd]ÖXj Öh'Yh''''

5 bj ÄbXg'ZÖf'UhiZ]fU'f' 'cVW'bmÄf'fl Gk

K Ygc mW' k ]äh6c Y[c'B UfcXnYb]U]'gnVö `]k Y[c  
Bck Y[c'F'c\_i °

6c`Xc[ '? UF'WgcbniÄg6c`Xc[ '¶ ^¥j Yh°

5 bj ÄbXg'ZÖf'UhiZ]fU'f' 'cVW'bmÄf'fl ? k

F UXcgbmW' k ]ähK ]Y\_UbcVönmW°

? Y`Ya Yg< Ög Äh] , bbYdY\_Yh°

5 bj ÄbXg]'\_f]ghbU`ÄbXYf'ZÖf'UhiZ]fU'dÄg\_XU[ Yb

F UXcgbY[c' k ]öH'8n]ö\_Vmb]Yb]U'

6c`Xc[ '< ½XUX½h°

5 bj ÄbXg]'I G5 'ZÖf'UhiZ]fU'HUUgÄ[ Y'gy'fH\Ub\_g[ ]j ]b[ k

GnVö `]k Y[c'Bck Y[c'F'c\_i °

6c`Xc[ '¶ ^¥j Yh°

5 bj ÄbXg'ZÖf'UhiZ]fU'bmÄf

K Ygc mW' k ]äh°

? Y`Ya Yg, bbYdY\_Yh°

5 bj ÄbXg]'I G5 'cVW?' UbUXU'ZÖf'UhiZ]fU'\Y[ XU[ UF'fUbj ÄbXg'gÄfg\_]hfi bhi'f'ÄUbi \_\_Uk

K Ygc Y^7\Ubi \_]°

6c`Xc[ '< Ubi \_½°

5 bj ÄbXg'ZÖf'UhiZ]fU'\Ubi \_\_U

mVö'7]'gnVö `]k Y[c'8]k U]''B]YW'hYb'fc\_  
VöXn]Y'fUXc b]Y'gnmcX'dcdfnYXb]W''

6c`Xc[ '8]k U]h°@Y[ mYb'bu[ncb\_ \_Y`Ya YgUhiÖbbYd''

5 bj ÄbXg'ZÖf'UhiZ]fU'8]k U]



DYfgcb`][ h  
@mW`Cbg\_b]b[ Uf



K Ygc mW` k ]áh6c Y[c`B UfcXnYb]U`  
5 bj `AbXg]`\_f]gbU` `AbXYf`ZÖf`UrhZ]fU`↑`

6c`Xc[ `? Uf`Wgc`bnti`

K Ygc mW` k ]áh6c Y[c`B UfcXnYb]U`gnWö` `]k Y[c`  
Bck Y[c`F`c`\_j` °  
; cX`i` `cW` ; clthBmthj` f`

6c`Xc[ `? Uf`Wgc`bnti`Åj6c`Xc[ `¶`^¥j` Yh`