

!

8]g]b[ i ]Xc'GYÍ cf.

ž ! ž

H]grhYhi fUa °

8]g]b[ i ]XUGYÍ cfU

ž ! ž

H]grhYh< Ò[mYa °

8]g]b[ i ]Xcg'GYÍ cfYg

ž

H]grhYh< Ò[mYa °i fUa °

5 dfYV]UXcg'GYÍ cfYg

ž

H]grhYh< Ò[mYa # fU]a °

5 'ei ]Yb'di YXU']bhYfYgUf

ž #

H]grhYh< Ò[mYa # fU]a °

5 dfYV]UXc'Gf''DÁFYn.

ž ! ž

H]grhYhGa ]h'¶f°

5 dfYV]UXU'GfU''DÁFYn.

ž ! ž

H]grhYhGa ]h'bÁGa ]h'5ggncbmı

5 dfYV]UXU'GfU''DÁFYn.

ž ! ž

H]grhYhGa ]h'5ggncbmı

5 dfYV]UXU'GfU''DÁFYn.

ž ! ž ž

H]grhYhGa ]h'5ggncbmı

9g]ja UXc'Gf''DÁFYn.

? YXj YgGa ]h'>c\b°

E i ]g]YfU'dcgh`Ufa Y'dUFU'Y'di Ygfc'XY''''Ubi bV]UXc Yb''''Y'XÉU''''

'GnYfYbÁ\_`Y'Ybh\_Yrb]'U''''dcnÉ/] fUzUa Yn]\_U ''''!VUb#/Yb j c'h\]fXYj YU''''bUdcb"

ž

9gV]Vc`Yb`fY U]j b`U`Ubi bV]c`YbVzbfUXc`Yb''''

ž

5 '''''\]fXYhYhdcnÉ/] fUgnYfYbÁ\_`Y'Ybh\_Yrb]''''

ž

@Y YgWjVc`Yb`fYZfYbWjU`g` Ubi bVjc`Yb`Vcb  
ZVWUXY`

ž ž

5`bUdcb`a`Y[\`Y`Ybh`\]fXYhAg0`Y`\_UdVjc`UWU`b`É`c`\_`

ž

<Y`YÉxc`Vcb`[`fUb`]bhYfAg`g` Ubi bVjc`dUFU`i`b`Vcb  
Yl`dYf]YbWjU`Yb`U`YX]Vj`b`XY`

ž

BU[mÁfXY`\_` XÁgg`c`j`UgUa`U`\]fXYhAg0`YhU  
"!VUb`#Ybž`c[mY[m`grU`Ya`Vfhi`YfYgbY`\_`

ž

HYb[c`Y`d`UWf`XY`dcgh`Ufa`Y`dUFUY`di`Ygjc  
Ubi bVjUxcž`Vta`c`

GnyfYtbÁ`Y`Ybh`Yrb]`Ua`Y[\]fXYhhdcrÉ]fUa`]bh`

E`i`]g]YfU`dcgh`Ufa`Y`dUFUY`di`Ygjc`XY`

GnyfYtbÁ`Y`Ybh`Yrb]`U`dcrÉ]fU`

5`Vh`Ua`Ybh`a`Y`YbW]Ybfc`fUMU`UbXc`Yb`mia`]g  
fYgdcbgU]`]XUXYg]bWm`mYb`

>Y`Yb`Y[\`U`Xc`[`cnca`žUa`]U`\_`Q`Yh`Yn`ZY`Y`ggÁ`]  
\_`čf`\_`YhiUfU`a`Uhm`

!

9gcmiYgdWjU`a`Ybh`]bhYfYgUxc`fU`Yb`YgY`fUMU`čz  
Vta`c`

ž ž

?`\_`čf`\_`YhiUfU`a`Uhm`

E`i`]g]YfU`fUMU`f`dUFU`i`g`XYg`XYV]Xc`U`

ž ž

GnyfYtbÁ`^`b`\_`bY`\_`Xc`[`crb]`UhÁfž`c[m`

A`]g]di`bhcgž`YfhYg`gcb`

9f`ggÁ`Y]a`

8]fÉ`Uei`Y`a`]f`\_`čf`\_`YhiUfU`di`bhcgž`XÁV]`fYg`Yg`gcb`  
"DYfc`Yb[c`U]bhYbWj`b`XY`a`Y`cfU`f`Yb`YgU`f`  
YfU`f`"

ž

;`mYb[`YgÁ`Y]a`\_`\_`čf`\_`YhiUfU`cn]`fU`Ybž`c[m`8`Y`YnY`Yb`U  
hYf`\_`Yh`Yb`gnyfYtbÁ`ZY`^`Xb]"

ž

ž

9gřcmiW]Z]W]XcfLE'dUFU'Y'di Ygřc'ntJei Y''''

ž

ž

5`\_Ua Uğj U[nc\_ 'UdcrÉ]f fUža ]j Y''''

"

5i bei Y'bc'hYb[ c'Yl dYf]YbV]UdfY ]U'Yb''''ž\Y  
hYb]Xc''''

ž

ž

<UV½'b]bVg\_cf½V]fUdUğřU'Urca 'U''''žXY'Xc`[cřtUa  
a ½''''

ž

ž

ž

A ]g'WU]XUXYgdfcZYg]cbU'Yg#\UW] ]XUXYgdUFYWb  
UXYVUfYg'U'Ug'Yl ][ YbV]Ug'XY'g' Vta dU'ÉU'

ž

ž

GřU\_a U]\_ÁdYğřÁgYa #ÁdYğřÁY]a `a Y[ZY'YbY\_ 'Uj ½UUh  
Yj ½½]bU\_''

8i fUbh'`a ]Yl dYf]YbV]U'Vta c''''a Y'cfÁ#La d'JÁ#  
Yl dUbXÉa ]gVtbcV]a ]Ybřcg'XY''''

ž

5a É '!!!\_Ábh'Xc`[cřtUa žZY^ XhYa #\_]V j ÉřhYa 'U  
h X½ca 'U''''

A ]½YU'XY'VtbcV]a ]Ybřc'Yg''''

ž

GřU\_hřfØYhYa 'U''''''

A ]YbřfUg'hfU'U'Á'Yb''''XYgUřc`Á`U'WdU'XUX'XY''''

ž

5a É 'U''''Xc`[cřtUa ža U[ Ug]b\_ÁdnYhÁj ½hUa 'U''''

÷bM gc'WU'Xc'hfU'U'c'Vtb'[ fUb'fUd]XYnžbc'XY'c'XY  
'UXc`U'dfYV]g]i b'mdcf'Y`c'YgřU'ÉU'YgdYV]U'a YbřY  
WdU'V]hXcfLE'dUFU`Ug'XYa UbXUg'XY'Yg'Y'di Ygřc  
Vta c''''

ž

ž

5a ]\_cf`[ncf]g]b\_`Y`Yh'Xc`[cřbca `bU]mřbnc'a ½gU'Uth  
gYa `UontU]c'hUa `Y'U'dcbřcg]½ch'Ág'Ö]m]cbXc`ca ž  
'c[mYa ]Uth\_ØCb'Ög\_ÁddYb'U\_`Ua Uğj U[nc\_ 'U''''

ž

÷bM gc'VU'c'dfYg]i b'di YXc`a UbřYbYf'U'řcg  
YgřhXUfYg''

ž

ž

BU]mřbnc'a ½gU'Uth]g\_ÁdYğj U[nc\_`a U[ Ug]ğřb] cbU'cb  
Xc`[cřb]''

M]Ug'ÉhYbXfÉU`U'cdcfh]b]XUX'XY'Vta V]bUf`a ]g  
]břYfYgYg'Vtb'Yg'Y'di Ygřc'XY'hfU'U'c''

ž

©m'ÖgnY\_`UbVg`U'U'½a `UgnYa ÁmYg'ÁfXY\_`XÁg]  
\_Öř'Öa Yh'U'g]U\_a U]Y`Y'mřh\_YXÁgYa a Y''

HYb[ c' i b' [ fUb' ]bhYfAg'Yb''''miUdfYVUfÉU`U  
cdcfh b]XUX'XY'Ua d`]Uf'a ]gVzbcVJa ]Ybrcg'U  
fFUMUUFVzb'i ghXYG'

ž

¥`Ab\_Yb`AfXY\_` XÒa `U''''`AgbU[ ncb`AfhA\_YbAa `U  
`Y`Yh gA[ Yz\c[ mU'h X/gca UhV j ÉgYa `Uh^2 bÒ\_Y j Uİ  
\_OnOja i b\_Ugcf'1b''

7ca c'di YXYbj Yf'Yb'a ]`WffÉW`cža ]`Yi dYf]YbV]Um  
WdUW]XUXYgYbWU'Ub`Vzb`cg'fYei ]g]hcg'XY`YgY  
di Ygfc''

ž

5a ]bh`1A Uh'U'UVgUhc`hCbA`YfU'mca VUbžU  
HdUgrtU`Uca`AgUgrU\_a U]`\_AdYgfhAgYa`a Y[ZY`YbY\_`U  
dcrÉ]Yj 1/21/2]bU\_''

ž

A ]`dcg]Vj b'UWU`U`Vza c''''`Yb''''a Y`UXUXc`U  
cdcfh b]XUX'XY`fFUMUUF`VUc`dfYg]i b`Yb'i b  
Ua V]YbhY`XY`fFUMUc`Yb`Yei ]dc`Yb`XcbXY`Yg  
df]a cfX]U`fFUMUUF`Yb`Yg'fYVXU`Vza i b]WV]i b`Vzb  
`cgVz`Y[ Ug'dUfU`UgÉW'a d`]f`Vzb`cg'd`Uhcg'XY  
YbhfY[ U'

ž

ž

>Y`Yb`Y[ ]`dcrÉ]i a VUb'a ]bh''`Y`Yh gA[ Ya`j Ub  
a Y[ HdUgrtU`b]ž\c[ nra ]`nYb`bU[ nrbnca 1/2]U`Uhtž  
VgUdUWU`b`Xc`[ crb]žU`c`\_`Arzcbrcgg]ÖU\_c`\_`A[ 1/2\_U  
Y[ nOha`\_Öb] U`U`U`hÉ]X`\_`hY`YgfhAgA`Yn'

5XYa 1/2XY'a ]g'fYgdcbgUW`]XUXYgVza c''''`hUa V]Ab  
XYgUffc`\_`A`UW`]XUXYgVza c''''

ž

ž

5''''ZY`Y ggA[ ]`\_ÖfÖa`Öb`ZY`Ø`ZY^`XhYa`U`\_Ö`Yh`Yh  
hYfØ`Yh`\_Yb`]g''''

''

ž

!

A ]`Yb[ i U'a UYfbU`Yg''''ždYfc`hUa V]Ab`UW`c''''

ž

5bnubnYj Ya`U''''žXYWYgnA`Y\_''''

HYb[ c' i b'a UbY`c`Yi W`YbhY`XY''''

ž

ž

A U[ Ug]gn]bhYb`WYgnA`Y\_''''

A UbY`c`Y''''`Yb'i b`VzbhY] hc`XY`fFUMUc`

ž

ž

?`OnAdgn]bhYb`WYgnA`Y\_''''

HYb[ c''''`U`cg'XY`Yi dYf]YbV]U`XYgYa dY] 1/2Xca Y  
Vza c''''

''''`Aj`a i b\_U`HdUgrtU`U`U`fYbXY`\_YnYa`U''''

Gcmi b'i g Uf]c`YI dYf]a YbHUXc`#i bU'i g Uf]U  
YI dYf]a YbHUXUXY""

HUdUgrUh""ZY\Ugrb1/2 j U[nc\_"

7 fYc`ei Y'dcgYc`U`Vta V]bUW]i b`UXYVWUXU'XY""m""  
ž ž

¶ [ m[ cbXc`ca ž\c[ mU""`ĀgU""a Y[ ZY Y  
\_ca V]b1/2]i ^jU`fYbXY`\_YnYa "

9I W`YbhYg\UW`]XUXYgXY`Vta i b]VW]i b

? j] 1/2`\_ca a i b]\_W]i g\_ĀgĀ

F UncbLā ]Ybrc`XYXi W]j c

8YXi`\_h]`Āfj YĀg

F UncbLā ]Ybrc`i [ ]Vt

@c[ ]i g[ cbXc`\_cX1/2

7 UdUW]XUX`XY`Ub1/2]g]g

5bU]h]i g\_ĀgĀY\_

6i YbU`Vta i b]VW]i b]bhYfdYfgcbU

>i`]bhYfdYfgcb1/2]g\_ĀgĀ

5 dh]i XYgXY`bY[ cV]UW]i b

>i`h]i[nU]1/2]\_ĀgĀ

< UW`]XUX`dUFU`UV`UF`Yb`dÖV`]Vt

9`UXI`\_ĀgĀ[ #DfYnYbH1/2]i g\_ĀgĀ

!

9gcm]ba YbgLā YbhY`a chj UXcfU`ma Y  
Vta d`UWfĒU`YbWf[ Ufa Y`XY`Uj Uf]YXUX`XY`hUFYUg  
ei Yi b`di Ygrc`Yb`g`Vta dU`ĒU`a Y`cZFYWfĒU`  
ž

BU[ncb`a chj 1/2]j U[nc\_žĀgĀ`Āa a Y j Ā[ YrbĀa`U  
j 1/2]hcnUhgga i b\_1/2]Lā YnYh<sup>2</sup> bQ\_`1/2]U`\_Ēb1/2]hdcnĒV]i  
bnÖ`hUh

J Yc`YgY`di Ygrc`Vta c`i b`fYrc`ma Y`UY[ fUFĒU`U  
dcg]V`]XUX`XY`cVhYbYf`c`  
ž

¶ ^`\_]Ēj 1/2]`YbbY`gn1/2]a ca fUYn`U`dcnĒV]i žLā YnYha 1/2  
bU[ncb j 1/2]c\_"

A Y`Vta d`UWfEU`hYbYf`U`c dcfh b]XUX`XY`X]gW]hf`cg  
XYfU`Yg`XY`YgY`di Yg`c`dYfgcbUa YbhY`

5a Yobn]MYb`Y`Yh gA[ j Ub`f`z`gn] YgWVyb`VYgn`b`Aa  
a Y[ `2 bO`\_Y`U`hcj`1]V]f`Ag`Yh`\_YhY[mgnYa`AnYg]bhYf`O  
\_YfYh`AVb

9bVcbfUf`1/2a ]`WffEU`c`UX`1`blc`"  
ž ž  
#

5n`Cb`A`Yf`U`mca`Uh`U`Vg]hc`a`1/bm`Ub`hU`1/2`U`  
ž

Di YXc`d`f`c`d`f`V]cbUf`fYZfYbV]Ug`""`fdYfgcbU`Ygž  
`UwcfU`Yg`j`g]`Ug`c`f`YeI`jYfYb`"

5a Yobn]MYb`gnO`gA[`Ygž`h`Xc`\_`fYZfYbV]V]h`crb]`U`""  
ž

@Ug]fYZfYbV]Ug]di`YXYb`gYf`gc`]V]hUXUg]U`""  
ž ž

F`YZfYbV]V]h`""`h`#`h`\_`Af`YfbY`\_`"  
ž

9g`cmX]g`dcb]V`Y`dUfU`gYf`YbhYf]`j`g]UXcfUk`Y`XEU`""  
ž ž

Gn`1/a`ca`fUY[m]bhYf`O`a`Y[`ZY`ybYU`""  
ž

;`fU]Ug]d`c`f`g`h]Ya`d`c`m`Vcbg]XYfU]V]b`"A`Y  
Vta`d`UWfEU`hYbYf`U`c`d`c`f`h`b]XUX`XY`Vcbj`YfgUf  
dYfgcbUa`YbhY`gc`VfY`d`c`f`eI`A`Yg`cm]W]Z]VUXcfUk  
dUfU`YgY`di`Yg`c`"Dcf`Zj`cfz`Vcbh`V]V]a`Y`d`c`f`""  
ž

?`Ogn`Cb`Oa`Uh]XY`A`z`La`j]hU`Y`Ybh`\_`Yn`AgYa`1/b`An`Ag`AfY  
gnYbhY`h`F`Ya`A`Ya`z`c[m]Ygn`Y`Yh`gA[`Ya`gnYa`AnYg]b`j`g  
\_]ZY`hYb]z`c[m]a`j]Af`hj`U[nc`\_`U`\_`Ua`Ug]U`d`c`n`E]V]fU`  
?`AfYa`U`\_`O`Yh`\_`Yn`Y`Af`Yh`gA[`Yb`\_`YfYgYb`""  
ž

GY`XYgd]XY`VcfX]Ua`YbhYž  
ž

H]gthY`YthY`ž

5`hYb]La`YbhYž  
ž ž

H]gthY`YthY`ž

F`YgdYh]c`g]La`YbhYž  
ž ž

H]gthY`YthY`ž

GU`i`Xcgž  
ž ž

„`Xj`O`n`YthY`ž