

6Yj 1bXcf`1g 8c_i a Ybh a c_



8c_i a Ybh a c_! š`hU1bcbg
g ÅX

J Uf`Ub`Uj` \]hUzcf a i`ÅfYhZÖf`SSSS`3
f`Ud`c`Åf`ZY`]`ÅfXY` XÅg

Zjbb

A]gÅ`ÖnXÅb`ca U__Yb`SSSS`j UfHb3

B Åf`j Uf`X]hXc_i a YbhÖi hZÅfXU3

9[mXc_i a Ybh a `_]½É1g] X]i a 1bU_`a Y[_ÅfXYnÅgY

A]`c]b`ÖXc_i a Ybh]g]Qcb`a nÖbbYfH3

J Ufhj Uf`X]hXc_i a YbhÖi hZÅfXU3

9[mXc_i a Ybh a `_]½É1g] \YmÅbY_`a Y[_ÅfXYnÅgY

A]ggÅ`ÖXc_i a Ybh]g]Qcb`a nÖbbYfH3

B Åf`[Åf`X]b`Y[]h]a U]cb`i h3

GnYa Ån]`][Uhc`j 1bmi`Y`1bU]`X]i a 1bU_`a Y[_ÅfXYnÅgY

? cg_U`Yb_]`Ö`]gmöjrcX]g]i_gYg]j Ub`YbY3

? Ub`Xi` \`Ä`dUa][`UrhZm`U]`Zcfa i`ÅfYh3

5n` f`Ud`_]hÖhÅgÅ`Yn`hÖfÅb`gY[ÉgÅ[_ÅfÅg

J c]g]h_c`U`hU`U`a]bi`U`ca U__Yb`h`Ä`h`Ä`a]gYggÅ3

J]`_`U`Xc_i a Ybhia ÅgY`Uj` `hU`a YX`ZÖf`SSSSSSSS3

5bbU_`a Y[_ÅfXY` XÅgYza]mYb`Xc_i a Ybh a c_fU`Ygn`gnÖ`gÅ[

A]h`Å`Xc_i a YbhY`U`a]bi`b`d]h`Ä`h`i`cXU`SSSSSSSS`j UfHb3

: Öf`UrhUbgÖ`U`ca`ÖXc_i a YbhÖ`g`a`ÅgY`Xi` `Ub[Y`
a]bgh`SSSSSSSS"

A]fY`j` Ub`gnÖ`gÅ[`U`Y`Ybh`YnÅg`Yn

>chU`j`c]h`U`YU`ÖXc_i a Ybh]UÖ`g]bi` `U`h` `Y`c``U`U]bU_]b`
SSSSSSSS"

A]hXc_i a YbhÖ`Uf`V`]j]hgi` `Yh`

8c_i a Ybh a `Y`cd]g]1bU_`VY`Y`YbhÅgY

A]bi`b`ÖXc_i a Ybh]b]Qj`Uf`UgYh]b]"

>Uj` `Äa`bUf`]b`XYbbU`UbgÖ`Ub`ZÖf`SSSSSS"

J`U`U_]`a` 1g]fÅgnÅfY`hÖfÅb` `Y`Ybh`YnÅg

>ÄhÅb`h`Äa`Äb`U`Ya`i`_`g]b`SSSSSS`di`c`Yg]U`

8YbbU]bZcfa U]cb`Åf`_cbZ]XYbh]Y`"

5n]bZcfa 1b]i` `V]nU`a` Uö`Åg`bYa` `UX`½`_]`Ufa`UX_]`ZÄ`bY_`

BÄa`Ä`h]YX`chc]`U`h`i`chU`a`i`_`gY`]g]U`

G_i` `Y`Uj`_]`i`bbU`ZÄ`Yh]_]`]h`c`ZÖf`a`]b`UbgÖ`Ub3

Ⓢ]g]c]g]][Uhc` 1g]`ÅfÅgY`U`Y`Ybh`YnÅg` `

J`c]g]h_c`Ub`hU`U`a`]bi` `Y`_i`]h]b`h`Ä`g`Ä`U`Ya`i`_`gYg]U3

8c_i a Ybh a c_! GnYa ÅnYgUXUhc_
g ÅX

Zjbb

6Yj 1bXcf`1/ø 8c_i a Ybh a c_



J UX`YHf`Xi 3
BÄj

A]_Ä:g]bi b`b]a Ygj`cb3

? Ub`Xi `VYfÄHÜZÖf`a][j Uf`cVX`bÄf`Xi `Äf`ZÖXX3
GnØYhÄg`Y`mY`Äg]XY`Y

J c]g]h_c`YfhcU`a]bi ``Y`gnbma`ÄdU]_Ugj`U
gnbma`ÄU]_Ugj]3

J Uf`Vcf`Xi 3
@U`Ym

A]ggÄ:g]bÄ`Ugj h3

J UX`Äf`X]b`UXfYgg3
7Éa

A]_Ä:g]bi b`cgc]HfYgj`cb3

J]`Yb`bU]cbU]HfHj``\Öf`Xi 3
š ``La dc`[1/ø]1/ø

A]b`Ä`a UUb`_Ubg]U]bYb`g]bÄ`c`Yh3

BÄf`Ub`ÄbXY`Xi`Hj``ÖUbXYh3
Cfgn1/øVUj U`i`a Y[Äf`YnÄg]X`dcbhU

? cg_U]g]bÄ`gUj i]h@ U\Ucb3

? Ub`Xi`j`]g]a][`X]b`Y[]h]a U]cb3
GnYa`Ä`m`][Uhc`j`1/øm]Ya i Hh1/øU

J c]g]h_c`bÄHhÄÄ`a]bi ``Y`Yb_]`ÖhcX]gi`g]Ugj]3

8c_i a Ybh a c_!`7gJ1/ø]`1/2Udch g`ÄX

A]b`Vj]`g]h gÄf`SSSSSSSSSS"
7gJ1/ø]`1/2Udchia Y[UX1/øU

Z]bb
A]bÄ`c`Yb`SSSSSSSSSS"

g]b[Y
7gJ1/ø]`1/2Udch

bU]a Uhc b

[]Zh
7gJ1/ø]`1/2Udch

bU]a]g]ggU

gYdUfYfUX
7gJ1/ø]`1/2Udch

Uj a i gYf`cg]U

g_]X
7gJ1/ø]`1/2Udch

Yf`cbi h

6Yj 1bXcf`1/9
8c_i a Ybhi a c_



gJa Vc
7gJ 1X] 1/2 Udch

Uj c`]]hcgJ

]`YthidUfhbYfg_Ld
7gJ 1X] 1/2 Udch

fY_]ghYfQ]XnngA`dUf]g \hYggJ

c[]ZhdUf
7gJ 1X] 1/2 Udch

dUf]g \hYggJ

]`YthidUfhbYfg_Ld
7gJ 1X] 1/2 Udch

Uj c`]]hcgJ

Ab_U
7gJ 1X] 1/2 Udch

`Yg_]

< Uf`Xi `Vufb3
; mYfY_Y_

Cb_c`g]bi ``U`Udg]U3

< Uf`Xi `ZJa]`Ya YX`Ya a Uf`gca ``Yj Yf`a YX`X][3
5 bbU_`a Y[AfXY_` XAgYz`c[mj U U_]`UbmU[]`gY[EfgA[YhbmO`H`Y`Uj Y`Y`Y[mO`hiA` _bY_

5g i _c`hUci XYggJg]`a i]hU`Yb_]Q]hA3

>U[\Uf`ZOf`Uj g]_hUthiA`hYfZOfYbUg]a YX`a]b`ZJa]`^
7gJ 1X] mYg]f`Ag]`gn1bXA`_]ZY`YnAgY

C`Yb`a i i hUa UggJ`dYf`Yb]`_UbggJ`hU_]g]b`n`hYb`"

8c_i a Ybhi a c_! F Y[]gnf 1/2]gY[mj 1/2cg]Ub
g AX

Z]bb

>U[`g_i ``Yj]`U`fY[]ghYfUa][]`g]hUYb`"
J 1/2cg]Ub] U] `fY[]gnf 1/2]g

< U i U]g]b`fY_]ghYfQ]hA`_U di b[]b`Ug __U]g]`"

J]`_UXc_i a Ybhig_U`U[`hU`a YX3
GnO`gA[YgXc_i a Ybhi a c_

A]hA`Xc_i a Yb`hY`U`a]bi b`d]hA]g]`chU`U`a i _Uub3

? cg]hU`XYhbA[chUthiY[]ghYfU`g][3
F Y[]gnf`W]g]XÉ`ZY` `]`AfXY_` XAg

A U_g]U_c`fY_]ghYfQ]hA]bYb`^`chU_]b3

>U[]`j` `fY[]ghYfUa]b`Vcg]hU`"
@U_] \Y`mfY[]gnf 1/2]g

Hi `]b`fY_]ghYfQ]a AAb`Ug]bdU__U]b]`"

6Yj 1bXcf`1/ø 8c_i a Ybh a c_



>U['g_i ``Yj] 'U'Ubgò_U'ca 'YhWfh]Z_UhZÖf' cth
i ddZÖfubXY"
9f_ÖVg] V]ncbnt]j 1bmi][ÅbmiÅgY

< U i U]gb'h]'UUf]_cgfY_]ghYf]c]hYb"

>U['j] ``Ubgò_U'ca 'i ddVÅ`g]'`g'AbX"
HUf]i n_cX]ø]`Yb[YXÅ`m][ÅbmiÅgY

< U i U]gb` \U_YU'c'Yg_Yi `i dUU'

8c_i a Ybh a c_! '9[ÅngÅ[V]ntcgf1/ø g ÅX

>U['g_i ``Yj] 'U'ghÅ`U'bÅ[fU'ZfÅ[cf'ca
g't _ZÖfgÅ_f]b["
9[ÅngÅ[V]ntcgf1/ø]U' _UdVg' Urcg'_ÅfXÅgY_ 'ZY'hÅY'Y

Z]bb

A]bi ``U'c']g]'a i i hUa U'_ngna ng]g]fU] g U_i i hi _gYb
`]]hYb"

6YÅÖ Yf'U['Yb'df]j Uhg't _ZÖfgÅ_f]b[3
5 bbU_'a Y[ÅfXY_` XÅgYž`c[mgnØ_gÅ[Yg_Y'df]j 1bY[ÅngÅ[V]ntcgf1/ø]_Öb]

HUf] j]hYb_c'm]g]m]g'Å'g]fU] g U_i i hi g]U3

J UX'hÅW_Yf'g't _ZÖfgÅ_f]b[Yb3
5 bbU_'a Y[ÅfXY_` XÅgYž`c[mia]hZYXyn'U'V]ntcgf1/ø]

A]hÅj U_i i hi g_UhU3

DU]Yb]h] []ZYf
DÅ'XU'UfflZ`c[mia]hZYXyn\YhY[ÅngÅ[V]ntcgf1/ø]

GU]fWU_i `i h

GdYV]U]gh_cg]bUXYf
DÅ'XU'UfflZ`c[mia]hZYXyn\YhY[ÅngÅ[V]ntcgf1/ø]

9f]_c]g'ÅÅ_Åf]_i g]Ubbi _gYh

8]U[bc]g]g_U'dfcj
DÅ'XU'UfflZ`c[mia]hZYXyn\YhY[ÅngÅ[V]ntcgf1/ø]

8]U[bc]g]bYb'hi h_]a i g

?]fi f[]g_U]b[fYdd
DÅ'XU'UfflZ`c[mia]hZYXyn\YhY[ÅngÅ[V]ntcgf1/ø]

?]fi f[]gYh]c]a Ybd]hYh

Dgm_]Uf]g_`VÅ'UbX']b[
DÅ'XU'UfflZ`c[mia]hZYXyn\YhY[ÅngÅ[V]ntcgf1/ø]

Dgm_]Uf]bYb` \c]hc

HUbXVÅ'UbX']b[Uf
DÅ'XU'UfflZ`c[mia]hZYXyn\YhY[ÅngÅ[V]ntcgf1/ø]

< Ua a Ug]c]hc

6Yj 1bXcf`1/9 8c_i a Ybh a c_



2 [cbV\UbX]b[
DÅ XUUFFUŁ\c[mia]hZYXn\YhY[ÅgngÅ[V]ntcgrh1/9

G]a Å\c]hc

8c_i a Ybh a c_! J Ēri a g ÅX

J URZÖf\WY[Åf'Xi `Yth]bfYgY]]g a 3
5 bbU_`a Y[ÅfXY_` XÅgYž\c[mij UU_]`a]Åfth][ÅbnY` WYi hth1/9]j Ēri a ch

Z]bb

A [Lg]g]bÅ\Ubchia U\Ubi `cj]]g a]U3

6\Œ Yf`U[`Ythj]g a `ZÖf`UthVgÖ_UOubXÖ3
5 bbU_`a Y[ÅfXY_` XÅgYž\c[mignÖ_gÅ[YgYj Ēri a `Uh'cfgn1/9VUj UĪ `WYi hth1/9\cn

HUFj]hgYb_c`j]]g a]UÖ U\Uba Uh_i g]Ug]b]3

< i f`_Ub`U[`ZÖf Åb[Ua]thj]g a 3
¥fXY_` XÅgUj Ēri a `a Y[\cggUWfth1/9]Ī`

? i]b_Uj c]b'd]XYbhÅÅj]]g a]Ub]3

J URZÖf\Uf`a]bj]g a UbgÖ_Ub`V`j]hUj gUf Yb3
5 bbU_`a Y[_ÅfXYnÅgYža]Åfthi hUg]fch1/2`Y`Uj Ēri a `Y`Ybh_YnÅgh

A [Lg]j]]g a]\U_Ya i _gYb]`cb`\mÅhm3

? Ub`U[`UbgÖ_Uca `UthV`Yb'dYfa UbYbh
a YXVcf[UFY3

J c]b_c`\U_YU`a Uub`_UbgU]g] i hU3

5 bbU_`a Y[ÅfXY_` XÅgYž\c[m`Y`YngÅ[YgY`1/2`UbXĪ `U_Ī _Åbhj UĪ `fY[]gnf1/2/9

8c_i a Ybh a c_! J YnYhÅg g ÅX

6\Œ Yf`U[`VntUfY[]gfYf]b[gg_mhidÅ`a]b`V] 3
5 bbU_`a Y[_ÅfXYnÅgYž\c[mignÖ_gÅ[YgY`U`fYbXgn1/9a WgYfY`Uh`U`h`bž\U]XY[Yb`cfgn1/9VĪ `cnn1/2`WY

Z]bb

HUFj]hgY_c`a]bi b] U]\UUU hcb]`fY_]gYf_]`d]3

>U[`g_i ``Yj]`UfY[]gfYfUa]thZcfXcb"
>1/9a fY[]gnf1/2/9

< U i U]g]b`fY_]gYfÖ]XÅ`U`cbYi j cb]"

Y f`a]th_Öf_cfh[]]h[h\Åf3
5 bbU_`a Y[ÅfXY_` XÅgYž\c[miU`c[cg]h] 1/9ntU`Uh'cfgn1/9VUb`Åfj ÅbnYgY

? YdUU_c`U`c_cfh]b]hÅÅ`Å3

>U[`g_i ``Yj]`U`UbgÖ_Uca `Ythdfcj]gcf]g_h_Öf_cfh'
=XY[]`YbYg`c[cg]h] 1/9m][ÅbnÅgY

< U i U]g]b`\U_YUj Å`]U_]g]U`U`c_cfh]U`

>U[`g_i ``Yj]`U`Vc_U]hX`ZÖf`SSSSSSSS"
J YnYh]j]ng[UX1/9a a 1/9U_`YZc[`U`1/9U

< U i U]g]b`g`cf]hU`SSSSSSSS"

6Yj 1bXcf`1/g 8c_i a Ybh a c_



hYcf]dfcj J]ng[U'hēdi gJ	hYcf]U_c_Yb
i dd_Öfb]b[J]ng[U'hēdi gJ]bgg]U'cb
>U['g_i ``Yj]`U'AbXfU'SSSSSSSSSSS'dÁ'a]th_Öf_cfh' >c[cgĥj 1bmc b'gnYfYd` U'XUc_`a i Xcgĥ1/gJ	< U i U]g]b`a i i HUU'SSSSSSSSSSS'U'c_cfh]gg]b]"
UXfYggYb 5 a]ha Y['gnYfYtbY'j 1/2c n]Utb]	cgç]hYtU
bLa bYh 5 a]ha Y['gnYfYtbY'j 1/2c n]Utb]	b]a YÄ
V]`XYb 5 a]ha Y['gnYfYtbY'j 1/2c n]Utb]	_i j UU
>U['j]``Ä[[U'hj``\Q[fy`_Uy[cf]Yf`ZÖf`X]th_Öf_cfh' 5 a]ha Y['gnYfYtbY'j 1/2c n]Utb]	< U i U]g]b``]gÄhÄ`i c__]U'U'c_cfh]b]"
>U['g_i ``Yj]`U'ZÖf b]U'a]th_Öf_cfh' >c[cgĥj 1bma Y[Ö'h1/gJ	< U i U]g]b`i i g]U'U'c_cfh]b]"
>U['g_i ``Yj]`U'YfgÄtU'YthiSSSSSS`_Öf_cfh' >c[cgĥj 1bmidl h1/gJ	< U i U]g]b`i i g]U'SSSSS'U'c_cfh]b]"
VcfttUddUh DfcV`Äa U	_UXcbbYb
gi`Yh DfcV`Äa U	j UfUgYh b
ZÖfgÖfh DfcV`Äa U	j U f]c]h bYb
>U['g_i ``Yj]`U'ca dfQ Ua]b`_Öf_cfhgg] gdYbg]cb" J YnYÄgh`j U i`Yh]H/gY`Yb]ZY`YVYnÄg	< U i U]g]b`j U]HUU'U'c_`Y`cg]Ub]"

8c_i a Ybh a c_! š ``La dc`[1/g]1/g

6Yj 1bXcf`1g
8c_i a Ybh a c_



g ÅX

6Yj 1bXcf`1/ø 8c_i a Ybh a c_



<p>>U['g_i ``Yj] 'U'UbgD_U'ca 'OubXOa YXVcf[Ufg_Ud" š ``La dc` [1/ø1/ø] [ÅbmÅgY</p>	<p>Z]bb < U i U]g]b \U_YU' @ UubQ_Ubg]U]g i H'U'</p>
<p>J Uf'_Ub' 'U['fY[]g'fYfU'a] [ZÖ' QdfÁ_QHghYH3 Bm'j] 'H'gnfY'j Uİ 'Y'Ybh_YnÅg</p>	<p>A]ggÅ'j c]b] a c]H'U' h U'Q_J'YbQ_c_Y'YgYb3</p>
<p>>U[\Uf'YthZ ÅW_ZF]HghfUZZfY[]g'fY" Bm]`Uh_cn]1/øVÖbhYhYb'Y' Å'Yf' `</p>	<p>A]bi ``U'cb'di \XUgf]_cg'Y_]g'fY]"</p>
<p>>U[\Uf'XYb'bÖXj ÅbX][U'b]j Åb'Uj ' QdfÁ_Q 5 'gnØ_gÅ[Yg'bm'Y'j]'gn]bhia Y[`ÅhY</p>	<p>A]bi ``U'cb'j UUX]H'Uj U'h'Uj]Xch'Q_J'YbQ_J'Y'ggÅ"</p>
<p>>U['g_i ``Yj] 'U'Vc_U]b'Yb'h]X'ZÖf'XYhU`a ÅbbU _i bg_Udg'Yg'fY'hica ``]j Yh]'OubXYhQ š `hU 1/øcg'Y'a Å'Yh]j]ng[U`YhÅh'Y</p>	<p>< U i U]g]b'j Uf'U'U'U'Ub' @ UubQa Uubh bh'Ya i gh'gh]]b"</p>
<p>J UX'_cg'Uf'XYhUthUbgD_U'ca 'a YXVcf[Ufg_Ud3 8 ÉU_</p>	<p>? i]b_U'dU'^cb'_Ubg]U]g i XYb \U_Ya]bYb'a U_gU3</p>
<p>A]b'a U_Y# U_U'Äf'Yb'ÖU]cbU]H'fHUX'Y_h] Q a YXVcf[UfY" < 1/øUgh'1/ø'1/2`La dc` [1/ø1/ø U</p>	<p>A]bi b'di c`]gcb]'cb' @ UubQ_Ubg]U]bYb"</p>