

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



8c_i a Ybh a c_! š`HJ1bcbg

\c`UbX

K Uf`Ub_]`YhZcfa i`Yfj ccf`SSSS`j]bXYb3
fUd`c`År`ZY`j`ÅfXY` XÅg

fca 1b

I bXYdch[Bgj`i b`Zcfa i`Uf`dYbfi`SSSS`3

K UbbYf`k YfX`i k`OxcW`a YbrQUZ`Y[Yj Yb3

9[mXc_i a Ybh a`_]½É1q] X1ā a 1bU_`a Y[_ÅfXYnÅgY

73bX`U`Zcgh`Ya]g`OxcW`a Ybh`Q

K Uf`k YfX`i k`OxcW`a YbrQUZ`Y[Yj Yb3

9[mXc_i a Ybh a`_]½É1q] \YmÅbY_`a Y[_ÅfXYnÅgY

I bXYU`Zcgh`Ya]g`OxcW`a Ybh`Q

K UbbYf`j Yf`ccdhi k`]XYbh]H]hg`Uf`b

GnYa`Ån`j][Uhc`j 1bmi`Y`1bU]`X1ā a 1bU_`a Y[_ÅfXYnÅgY

73bX`É]YI d]fB`=8!i`3

? Ub`i`a]^`Y`dYb`a Yh`Yh]bj`i`Yb`j Ub`Yh
Zcfa`i`Yf3

5n`fUd`_]h`hÅgÅ`Yn`h`hÅb`gY[ÉgÅ[_ÅfÅg

A`!U]`di`HUU`i`HUG`W`a`d`YHn`UWgh`Zcfa`i`Uf3

K Y`_Y`XcW`a YbhYb`a cYh]_`a YbYa`Yb`j ccf`
SSSSSSSSSS`3

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

7Y`XcW`a YbhY`f`Wi]Y`g`b`UXi WdYbfi`SSSSSSSSSS`3

Ca`Yb`OxcW`a YbrQUb`H`j fU[Ybza`cYhi
H`ba]bgY`SSSSSSSS`j ccf`Y[[Yb"

A]fY`j Ub`gnØ`gÅ[`U`Y`Ybh`YnÅg`Yn

DYbfi`U`gc`]M]H`OxcW`a Ybh`Q`f`Wi]Y`g`b`dfYnYbHU`]W
di]bSSSSSSSS"

A]b`OxcW`a YbrQk`YfX`[Yg`c`Yb"

8c_i a Ybh a`Y`cd]q]1bU_`VY`Y`YbhÅgY

A]gU]`fU`h`OxcW`a Ybh`Q

=_j`Yfj`c`YX][`X`YnY`Udd`]W]H`Y`bUa`Ybg`SSSSS"

J`U`U_]`a`1q]fÅgnÅfY`h`hÅb`Y`Ybh`YnÅg

7ca`d`YHn`UWgh`Zcfa`i`Uf`Éb`bi`a`Y`Y`fli`]L`SSSSS"

8YnY`]bZcfa`U]Y`]gj`Yffci`k`Y`^`"

5n`]bZcfa`1q]`V]nUa`Ug`Åg`bYa`UX`½`_]`Ufa`UX`_`ZÅ`bY_`

=bZcfa`U`]U`Y`gh`V`b`Z]X`Yb`]U`B"

? Ub`i`a]^`Y`b`cb]j`Ub[`g]Wk`]`gj`ccf`X`YnY`U`b]`fU[
[Yj Yb3

Ⓢ]qcg][Uhc`q]_ÅfÅgY`U`Y`Ybh`YnÅg`

Dchidf]a`]i`b`bi`a`Bf`XY`Éb`fY[]g`f`U`f`Y`d`Yb`fi`U`W`U`g`B
Éb`fY[]g`f`U`f`Y`3

8c_i a Ybh a c_! GnYa`ÅnYg`UXUhc_

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



\c`UbX

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



K Uh]gi k `bUa 3
BÅj

fca 1b
7i a j B'WYUa B3

? Ub'i `a]^Ugi V]YZhj YfHY`Yb'k Wf'i k
[YwccfHYd`Uhg]g'Yb'k Uhi k [YwccfHYXUi a `]g3
GnØYhÅg`YmY`Åg]XY'Y

ªa]'di HY]'gdi bYj B'fc[`cW`]'XUHU'BU HY]]3

K Wf'k ccbhi 3
@U_`Ym

I bXY`cW]]3

K Uh]gi k `UXFYg3
7Éa

7UFY'Ygh'UXfYgJXi a bYUj cUgfB3

K Uh]gi k `bUh]cbU]HY]hB
š `La dc`[1/9j1/9

7Y'WmB Yb]Y'Uj Y]3

K UbbYf'VYbhi `]b'OUbXQUb[Y_ca Yb3
Cfgr1/9VUj U' `a Y[Åf_YnÅg]X dcbhU

73bX'U]'U' bgfB'OUFU3

? Ub'i `a]^Ugi V]YZhi k `]XYbh]HY]hg_UfhicbYb3
GnYa Å'm'] [Uhc'j 1/9mVYa i hU1/9U

ªa]'di HY]'UFBUj B'fc[`=8!i `Xi a bYUj cUgfB3

8c_i a Ybh a c_! 7gJ1X] 1/2Udch `c`UbX

fca 1b

A]b'Vi f[Yf]^Y'gUhg]SSSSSSSSSS"
7gJ1X] 1/2Udcha Y[UX1/9U

GhUYU'a YUV]]'B'Ygh'SSSSSSSSSS"

U`YbghUUbX
7gJ1X] 1/2Udch

G]b[i f

[YNi k X
7gJ1X] 1/2Udch

7Bg3hcf]hB

i]hY_Uf
7gJ1X] 1/2Udch

gYdUfUhB

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



[YgWY]Xyb
7gJ 1X] 1/2 Udch

X]j cf Uh#

gJa Ybk cbYbX
7gJ 1X] 1/2 Udch

VcbWV]bU^

[YfY[]gfYfX'dUfbYfgWUd
7gJ 1X] 1/2 Udch

Ebf!c'i b]i bYVj]B

cb[Yfci k XY'dUfbYfg
7gJ 1X] 1/2 Udch

bYWg3rcf]h#

]b`Yyb`fY`UjY
7gJ 1X] 1/2 Udch

dUfhYbYf#S`XYj]U B

j Yfk YXi k X
7gJ 1X] 1/2 Udch

j Bxi j #B

< YYzhi `_]bXYfYb3
; mYfY_Y_

5j Y]Wtd]]3

< YYzhi `]bk cbYbXY'dYfgcbYb`hYb`UghY3

5j Y]`dYfgcUbY`XYdYbXYbH`XY`Xi a bYUj cUgfB`W`WfY
`cW]]3

5 bbU_`a Y[AfXY_` XAgYz`c[mj U U_]`Ubnu[]`gY[Ega[YhbnO`H`Y`Uj`Y`Y`Y[mO`hiA` _bY_

=_`inci `a]^[fUU[j YfYb][Yb`a Yha]`b`ZLa]`Y"
7gJ 1X] mYgfAg]`gn1bXA`_]ZY`YnAgY

5 j fYU`g3`a B`fYi bYg`W`ZLa]`]U`a YU'

8c_i a Ybh a c_ ! F Y[]grhf 1/2/g Y[mj 1/cg/Ub

\c`UbX

fca 1b

=_`inci `a]^[fUU[`U`gb]Yi k _ca Yf`fY[]gfYfYb`V]`^XY
gtUX"

5 j fYU`g3`a]`ZUM`bfY[]gfUfYU'

J 1/cg/Ub`j U`i `fY[]grhf 1/2/g

K Y`_Y`XcW`a Yb`h`Yb`a c`Yh]`_a Y`Yb`Ya Yb3
GnO`gA[Yg`Xc_i a Ybh a c_

7Y`XcW`a Yb`h`f`f`Wi]Y`g3`UXi V3

6Yj 1bXcf`1/ø 8c_i a Ybh a c_



N]b`Yf`fY[]gfUjY_cgYb3
F Y[]gnfWj gXÉ^ZY` `]ÁfXY_` XÁg

9I]gBj fYc`hU B`XYÉbfY[]gfUFY3

=_Yb`\]Yf`ca`a]b`k ccbd`Uwg`hY`Xca]W]QYb"
@U_] \YmfY[]gnf1/2/ø

5a j Yb]hig3a]ÉbfY[]gfYn`Xca]W]i` ``

=_nci`] fU[`Yb`U`Hghj Ub`[cYX`[YXfU[`Yb`nYXYb
Ubj fU[Yb"
9f_ÖVg] V]ncbntj` 1øm][ÁbmÁgY

5 j fYU`gB`Ud`]M`dYbfi` W`h]Yfi` ``i` X]M]U"

=_nci`] fU[`Yb`j`YfV`]Zj`Yf[i`bb]b[`Ubj fU[Yb"
HUFi` n_cX]ø]`Yb[YXÁ`m][ÁbmÁgY

J fYU` gB`Ud`]M`dYbfi` i` b`dYfa`]gXY` YXYFY`

8c_i a Ybh a c_!`9[ÁngÁ V]ntcgf1/ø `c`UbX

fca 1b

=_nci`] fU[`Yb`Y`Y`j` fU[Yb`g`h`Y`Yb`cj`Yf`XY
n]Y`_H`_cgYbj`Yfn`Y`Yf]b["`
9[ÁngÁ V]ntcgf1/ø`U`U`V`c`U`rcg`ÁfXÁgY`_ZY`hÁH`Y`

5a` W`h]U`ÉbfW`Bf`]XY`gfY`Ug][i` fUFYU`a` YX]W`B`

<YV`]_`bccX`U`b`Y`b`d`Uf]W``]YFY
n]Y`_H`_cgYbj`Yfn`Y`Yf]b[3

5a` b`Y`c]Y`XY`Ug][i` fUFY`a` YX]W`B`df]j` U`B3

5 bbU`_a` Y[ÁfXY_` XÁgZ`c[mgnØ`gÁ[Yg`Y`df]j` 1bY[ÁngÁ V]ntcgf1/ø`_Öb]

K`U`h`k`c`f`X`h`Y`f`[`Y`X`Y`_`h`X`c`c`f`X`Y`
n]Y`_H`_cgYbj`Yfn`Y`Yf]b[3

7`Y`Y`g`h`U`W`d`Y`f`h`X`Y`U`g][i` fUFYU`a` YX]W`B3

5 bbU`_a` Y[ÁfXY_` XÁgZ`c[mia`]hZYXn`U`V]ntcgf1/ø

N]Y`_Y`b`i`]g`_cgYb

HU`Y`d`Y`b`fi` `gd]hU`]nUFY

DÁ`XU`U`ff`U`Z`c[`mia`]hZYXn`Y`h`Y[ÁngÁ V]ntcgf1/ø

?`cgYb`j`ccf`\`Y`h`f`U`X`d`Y[`Y`b`j`U`b`Y`b`g`d`W`W]U`]g`h`

C`b`c`f`U`f`]]`U`Y`a` YX]W]cf`gd]W]U`]`h`

DÁ`XU`U`ff`U`Z`c[`mia`]hZYXn`Y`h`Y[ÁngÁ V]ntcgf1/ø

8]U[b`c`g]g`W`Y`h`c`Y`g`

H`Y`g`h`X`Y`X]U[b`c`g]W`Y`

DÁ`XU`U`ff`U`Z`c[`mia`]hZYXn`Y`h`Y[ÁngÁ V]ntcgf1/ø

7`]\`fi` f[]g`W`Y`]b[f`Y`d`Y`b`

=`b`h`Y`f`j`Y`b`]`W`]fi` f[]W`Y`

DÁ`XU`U`ff`U`Z`c[`mia`]hZYXn`Y`h`Y[ÁngÁ V]ntcgf1/ø

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



DgnVX]Uhf]gWY`V\UbXY]b[
DÅ XUUFFLZ`c[mia]hZYXyn\YhY[ÅnggÅ[V]ntcgrf1/9

HfUHLa Ybhdg\]Uhf]W

HUbX\YY_i bX][Y`V\UbXY]b[Yb
DÅ XUUFFLZ`c[mia]hZYXyn\YhY[ÅnggÅ[V]ntcgrf1/9

HfUHLa Ybh`XYbHUFY

Cc[ncf[`V\UbXY]b[Yb
DÅ XUUFFLZ`c[mia]hZYXyn\YhY[ÅnggÅ[V]ntcgrf1/9

HfUHLa Ybh`cZUa c`c[]W

8c_i a Ybh a c_! J Éri a

\c`UbX

fca 1b

K Ufca j fU[hi `Ybj]gj a `Ub3

8YW`gc`M]U]`c] jnB`XY]bfUFY3

5 bbU_`a Y[ÅfXY_` XÅgYz`c[mj U_U]`a]Åfh][ÅbnY`Vi h\h]j Éri a ch

<YV`_`Ybj]gj a `bcX][`ca `OubXQh`VWncY_Yb3

5a `byj c]YXYj]nB`dYbfi `Uj]n]H`OUFU3

5 bbU_`a Y[ÅfXY_` XÅgYz`c[mgnØ_gÅ[Yg]Yj Éri a `Uh`cfn]½VUj U`i `Vi h\h]j\cn

<cY`Ub`_`a]`bj]gj a j YfYb[Yb3

7i a `Éa]`dchY h]bXYj]nU3

¥fXY_` XÅg]Uj Éri a `a Y[\cggUWÉh]½]½`

K Ufca `k YfX`a]`bj]gj a `Ubj fU[`[Yk Y][YfX3

8YW`a]!`UzcgifYgd]bgB`Ud`]W]UdYbfi j]nB3

5 bbU_`a Y[`ÅfXYnÅgYza]Åfhi h]g]fch]½`Y`Uj Éri a `Y`Ybh_YnÅgh

? Ub`_`Yb`Ubj fU[Yb`ca `Yb`dYfa UbYbh`]bk cbYf
H`k cfXYb3

DchiUd`]W`dYbfi `dYfa]g`XY` YXYfY`dYfa UbYbhB3

5 bbU_`a Y[ÅfXY_` XÅgYz`c[m`Y\YrÅ[Yg]Y½`UbXí `U`_`Åbhj U`i `fY[]gnf]½]½

8c_i a Ybh a c_! J YnYnÅg

\c`UbX

fca 1b

A cYh]_`Yh_Ybh_Ybj Ub`a]`b`U hc] YfUbXYfYb3

HfWi]Y`gB`a]`gW]a V`d`BW UXY`Éba Uhf]W`UFY3

5 bbU_`a Y[`ÅfXYnÅgYz`c[mgnØ_gÅ[Yg]Y`U`fYbXgn]½a W]fY`Uh`U h`bZ`U]XY[Yb`cfn]½VÍ `cnn]½`Y

=_nci `[fU[`a]`bj cYfh][`fY[]gfYfYb`

5 `Xcf]`gB`a]`ÉbfY[]gfYnj Y`]W`i `"

>]Éa fY[]gnf]½]½

⇒ga]`b`f]VYk]`g`\Yf`[YX][3

9gY`dYfa]g `a Yi `XY`WbXi WfYj U]X`U]M]B

5 bbU_`a Y[ÅfXY_` XÅgYz`c[miU`c[cgÉj]bntU`Uh`cfn]½VUb`Åfj ÅbnYg]Y

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



=_nci '[fU['Ybj ccf cd]['f]VYk]'g'Ubj fU[Yb"

5 j fYU'gß'Ud']VdYbfi 'i b'dYfa]g'XYVdXi WfY
dfcj]ncf]i "

⇒XY]['YbYg'c[cgfj]bmi][ÅbmiÅgY

=_nci '[fU['Yb'UzdfU_ 'a U_Yb'j ccf'a]'b
SSSSSSSSSS"

5 j fYU'gß'a ß'fögV]i "USSSSSSSSSS"

J YnYh]j]ng[UXVä a]bU_ 'YZc['U'1gU

h.YcfYh]gMY'hYgh

hYgi `h'cfYh]W

J]ng[U'hfdi gU

f]Yi Ua Yb

Yi Ua Ybi `dfUM]W

J]ng[U'hfdi gU

=_nci '[fU['SSSSSSSSSSSS'UbdUggYb'cd'a]'b
f]VYk]'g'

5 'Xcf]'gß'gV]a V'SSSSSSSSSSSSS'U'dYfa]g `i]'a Yi 'XY
VdXi WfY"

>c[cgfj]bmc'b'gnYfYd' 'UXUc_ 'a i Xcgf1gU

a]'b'UXfYg

5XfYgU

5 a]ha Y['gnYfYbY'j]'hcnhUhb]

a]'b'bUa

bi a Y

5 a]ha Y['gnYfYbY'j]'hcnhUhb]

a]'b'Zhc

Zhc[fU]U

5 a]ha Y['gnYfYbY'j]'hcnhUhb]

=_nci '[fU['Yb'\c[YfY'WfY[cf]Y'hcY] cY[Yb'Uub
a]'b'f]VYk]'g'

5 j fYU'gß'UXU ['WfY[cf]]'g dYf]cUFY`U'dYfa]g `a Yi
XYVdXi WfY"

5 a]ha Y['gnYfYbY'j]'hcnhUhb]

=_nci '[fU['a]'b'f]VYk]'g'j Yfb]Yi k Yb"

5 j fYU'gß'a]'fYfbc]YgVdYfa]g `XYVdXi WfY"

>c[cgfj]bma Y[Öf1gU

=_nci '[fU['Yb'SSSSSSSSSSS'f]VYk]'g
j Yf] Ub[Yb"

5 j fYU'gß'a]'f'b'cW]YgVdYfa]g `XYVdXi WfY'dYbfi
Vß'SSSSSSSSSSS"

>c[cgfj]bmidl h1gU

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



j Yf cfYb
DfcV`Åa U

d]YfXi h

[Ygtr`Yb
DfcV`Åa U

z fUh

VygWUX][X
DfcV`Åa U

X]gfi g

=_inci` [fUU[]b`WfcYd` [Uub`h[Yb`a]`b`f]` YfVcX`
J YnYhÅgh` j Uí` Yh]`h]g`Y`Yb]`Z`Y`YVYnÅg

5 j fYU`gß`ZUMUdY`Êa dchf]j U`g`gdYbXBf]]`dYfa]g`i`]
a Yi`XY`WbXi`WfY`

8c_i a Ybh a c_!`š`La dc`[1g]1g lc`UbX

=_inci` [fUU[`XY`OubX`!`UX`YV]YZObU]cbU]h]h
Ubj fU]`Yb`
š`La dc`[1g]1g] [ÅbmÅgY

fca 1b

5 j fYU`gß`Ud`]M]dYbfi`bU]cbU]h]h`SSSSSSSSSSSSSSSS`

K Uf`_Ub]`_a]`^]bgMf]` Ybj ccf`XY`OU`OHygß
BmYj]`h]gnfYj` Uí` `Y`Ybh`YnÅg

I bXY`a B`dch]bfY[]gfU`dYbfi` hYgi` `XY`O]a VUß

=_`YV`Yb`V`UbW`g`fUZ`UX`
Bm]`U`cn]g]V`ObhYhYb`Y` Å`Yf` `

Bi`La`Ubh`WXYbH`dYbUY`

=_`YV`Yh]`YfY]gY`hU]b]` Yu` j` Ub`Yh`OU`O
5`gn`g`Å[Yg`bmYj]`gn]bia`Y[`ÅH`

5a`b]j`Yi` `b`W]g]f`XY`O]a`Vß`O

=_inci` [fUU[`Yb`U[Ya`Yb`Y`h]g]VcY`_Yb`c]`Yf`Yh`
`Yj`Yb`]b`OubX`O
š`hU`1b`cg`Y`a`Å`Yh]j`]ng[U`Yh`ÅH`Y`

5 j fYU`gß`a`B`Ë`g]M]i` `U`Yi`La`Ybi` `XY`W`h`fB`[YbYfU]B`U
O]f]]`O

K Uhin]`b`XY`_cgYb]` ccf`Yh]Ubj` fU]`Yb]` Ub`Yb`
g]U]g]vi` f[Yfg]W]U]d]3
8`É`U`_

7`UfY`g`bh]U`Y`Y`XY`gc`]M]h]fY`U`W]h]B`Yb]Y]3

A]`b`Y`W]h]`Ybcch`Y`Z`h`XY`O]h]cbU]h]h]!`UX`YV]YZO
b]h]cbU]h]h]h`
< 1a]U]h]1g]1/2`La`dc`[1g]1g`U

DUf]h]b]Yfi` `a`Yi` Yg]h`SSSSSSSSSSSS`