

=ba][fUM]i b 9gi X]Uf



9gi X]Uf ! ' i b]j Yfg]XUX

F i a Ubc

5 j fYU'gB'a B'Eb'gW]i "U'i b]j Yfg]hUY"
=bX]WUf'ei Y'ei]YfYg'a Uf]W`UfY

Hi fVt

6]f'Øb]j Yfg]hYmY`UhXc`a U_]g]ncfi a "

5 j fYU'g'Ud`]WU'Wfgj `XY`SSSSSSSSSSSSS"

=bX]WUf'ei Y'ei]YfYg'a Uf]W`UfY`Yb'i bU'Ug][bUhi fU

SSSSSSSSSSSSS`XYfgUa U_]g]ncfi a "

gi XYbh

H]dc`XY'a UfÉW`U

`]g]ubgg]j]mYg]bXY

gi XYbhW`X]d`ca B

H]dc`XY'a UfÉW`U

`]g]ubgØgØg]j]mYg]bXY

XcVtcfUbX

H]dc`XY'a UfÉW`U

Xc`hcfU'g]j]mYg]bXY

W`bcfa B'Eb'fYU] B

H]dc`XY'a UfÉW`U

H]a`r]La Ub`

W`↑ a B]hUY`XY`bcfa B

H]dc`XY'a UfÉW`U

nt]f`r]La Ub`

`UX]g]ub B

H]dc`XY'a UfÉW`U

Ã]j f]a]Ã]

A]!Uf'd`B]WU'gB'gi X]Yn`U'i b]j Yfg]hUYU
Xi a bYU] cU]f]B'dYb]fi `V]B`SSSSSSSSSSSSS"

=bX]WUf`U`Xi fUM]i b`XY`hi`dYf]cXc`XY`]bhYfW]a V]c

, b]j Yfg]hYb]nXY`SSSSSSSSSSSS]Ã]b`c_i a U_]g]ncfi a "

i b'gYa Ygfi

8 i fUM]i b`XY`U`Yg]ubV]U`Yb`U'i b]j Yfg]XUX`XY`XYg]bc

V]f`X]CbYa

i b'Ub`UM]X]Ya]W

8 i fUM]i b`XY`U`Yg]ubV]U`Yb`U'i b]j Yfg]XUX`XY`XYg]bc

V]f`U`UX]Ya]_m`

7UFY'g] bhVtcbX]]]Y`XY`i V]i`dYb]fi`gi XYb]3

=bZcfa UfY`XY`Ug]fYg]f]W]cbYg`UvcfU`Yg'dUFU`Ygi X]Ub]Yg

² ufYbV]Yf]Ã]b`ÃU` a U_ gh]La UUF`bY`YfX]f3

=ba][fUM]i b 9gi X]Uf



HfYVi]Y'gB'dfYn]bhXcW'a YbhY'Y'cf][]bUY'gu 'Vtd]]
UYUWgcfU3

6Y[YYf]a]b'_cdntUf b 'a 'Ug''Uf b 'a '[CgYfa Y]n]a 3

DfY[i bhUf'g]]YbYgei Y'dfYgYbhUf'XcW'a Ybhcg'cf][]bUYgc'ZchVtd]]Ug

7UFY'g bhVcbX]]]'Y'XY'UXa]HfY''U'i b]j Yfg]hUy3
DUFU''U'gc']V]h X'XY'UW'gc'U''U'i b]j Yfg]XUX

, b]j Yfg]hYb]b'_Uvi ''_f]Hf'Yf]'bY'YfX]f3

a'a]j Y]'f]a]Hf'c'gW]gcUFY'XY'UW'dhUy3
DfY[i bhUf'g]]fYV]f]f]gi bU'WfU'XY'UW'dhUy] b

6UbU'fYga]V]f'HY_'Z[CbXYf'W'_a]g]b]n3

CZYfB'i b]j Yfg]hUyU'W'hUy'XY'UgYa YbYU3
DfY[i bhUf'g] ''U'i b]j Yfg]XUX'dfc'dcfV]cbU'U'c'Ua]Ybhc

, b]j Yfg]H'VUF ba U]a _%b'g bi ncf'a i 3

9I]gB'dYf]cUXB'XY'dfUM]V]B'Eb'd'Ubi ''XY'gi X]]3
DfY[i bhUf'g]]h' d'U'XY'Ygi X]cg'VcbY'a d'U'dYf]cXcg'XY'df'W]V]Ug'dfcZYg]cbUYg

8Yfg]hUa Ua 'Ua U_]A]b'gU'^[YfY_'']u]j Uf'a 3

Gh XYb]]'WUFY'j]b'W'gW]a V'XY'Yi dYf]Yb B'fYMi Y
gB'd'fYUg]V]hU B'XY'Eb'a Uf]W'UFY3

, b]j Yfg]hYb]nXY'XYu]]a 'CufYbV]g]c'UFU_'c_i a U_ 'ØV]YH
hU]a]3

DfY[i bhUf'g]]h]YbYgei Y'dU[UF''U'a Uf'ÉW'U'Yb''U'i b]j Yfg]XUX'XY'XYg]bc

7i a 'dchi fa Bf]'dfc[fYg]' 'Ud']W]Y]a Y'Y3
=bZcfa UfY'XY'W'a c'Vcbg' 'hUf'Y'YghUc'XY'h' 'gc']V]h X

6U j i fi a i 'bUg' 'hU_]d'YXW]]f]a 3

7UFY'Ygh' b]j Y'i ''XY'O]a VUQWfi hB3
=bZcfa UfY'XY' b]j Y'XY'X]ca U'byW'gUf]c'dUfU'gYf'UW'dhUc'Yb''U'i b]j Yfg]XUX

< Ub[]'Ø] 'Cg]]nYg]]'YfY_']3

7i a 'Ygh'g]ghYa i ''SSSSSSSSSSSS3
DYX]f]]bZcfa U]V]i b'gc'VfY'Y'g]ghYa U

SSSSSSSSSSSS'g]ghYa]'bUg']']ncf3

XY'WYX]H
H]dc'XY'g]ghYa U

_fYX]

XY'bchY
H]dc'XY'g]ghYa U

bchUa U

J c]df]a]'c'ZcU]Y'a Uf]Vc' B''U]Z]bU'i ''a cV]]hB]]3

8Yü]]a 'dfc[fUa b b'gcbi bXU'bchXÖ_Øa Ø'UUM]]ncf
a i n]a 3

DfY[i bhUf'g]]fYV]f]f]gi bU'Vtd]U'XY'h' 'Yi dYX]Ybh'UW'XÅa]Vc'U'Z]bU'XY''U'Yg]lbV]U

=ba][fUM]i b 9gi X]Uf



7i a `Ygh'g]ghYa i ``XY'dfYXUY3
DfY[f']bZcfa U]i b'gcVfY'Y `Ygh`c`XY`YbgYl UbnU

2 ūfYhja `nŭbhYa `Yf]b]n'bUg`3

Gi bhSSSSSSSSSSSSSS`3
DfY[f']bZcfa U]i b'gcVfY'Y `Ygh`c`XY`YbgYl UbnU

SSSSSSSSSSSSSSj Uf`a` 3

Wfgj f]`hcfYh]W
H]dc`XY`WUgY

XYfg

gYa]bUf]]
H]dc`XY`WUgY

gYa]bYf

hi hcf]UY
H]dc`XY`WUgY

i n]i `La U `XYfg

V&bZyf]b Y
H]dc`XY`WUgY

_cbZyfUbgUf

W`ZY`XY`Wfgj f]`cZyfB` V&`]Y`XY`j UfB3
DfY[i bhUf`dcf``U`cZyfU`XY`Wfgcg`XY``U`YgWY`U`XY`j YfUbc

Mh'c_i `i bXU`Ub[]`XYfgYf`j Uf`3

7³hX`gY`g] g]bY`gYg]i bYU`XY`Yi La YbY3
DfY[i bhUf`dcf`Y`dYf]cXc`XY`Yi 1/2 YbYg

G bUj `Uf`bY`nLa Ub3

I bXY`dch[Bg]]bZcfa U]]`XYgdfY`h'cU`Y`Wfgj f]`Y
X]gcb]V]`Y3
DfY[i bhUf`Xi bXY`V&bgY[i]f']bZcfa U]i b'gcVfY``Ug]Ug][bUhi fUg

A Yj W'hXYfgYf``U__ bXU`bYfYXYb`V]`[]`UUM]`f]a`3

5 fY`i b]j Yfg]hU`YU`Wbhf i`gdcf]h] 3
DfY[i bhUf`g]``U`i b]j Yfg]XUX`W`Yb`hU`V&b`]bg]U`U]cbYg`XYdcf]h] Ug

, b]j Yfg]hXY`gdcf`a`Yf`_Yn]`j Uf`a` 3

7i a `a B'dchiU`Bhi fU`UgcV]U]]`cf`gh`XYb`Y`h]3
DfY[i bhUf`W`a`c`i b]fgY`U`Ug]UgcV]U]cbYg`XY`Ygh`X]Ub`hYg

2 ūfYbV]_i `ŕd`Yf]bY`bUg``_Uh`UM]`f]a`3

7UfY`g] bhW`Y`h`]Y]`Y`XY`ĒbhY]bYfY`Yg]a`U]j`Y`Ēb
ŒfU`i``Œ
DfY[f']bZcfa U]i b'gcVfY'Y `V&gh`XY``Uj]XU`Yb``U`V]i XUX

OY`JfQ]Ā]b`cf`hU`La`U`ntU`La`a`Ug]UZUf`bY`_UXUX`f`3

9gi X]Uf`!`7i fgg`XY`X]ca Ug
F i a Ubc

Hi fV&

=ba][fUM]i b 9gi X]Uf



7Y`ja V]gfb]bY`dchgi X]U`Eb`Wbfi`
Xi a bYUj cLgfb3

C_i`i bi nXU`Ub[]X]`Yf`Ønyf]bY`ÖufYb]a`[ÖfW]`f]a 3

=bZcfa UfY`XY`cg]X]ca Ugei Y`gY`di YXYb`Ygi X]Uf`Yb`Y`Wbffc

9I]gB`i b`hYghXY`Yj Ui UFY`dYbfi`Ua`j`gY`XYHfa`]bU
bj] Yi`XY`ja VB3

Gj]mYVY]f`Ya YgbUj`j`Uf`a 3

DfY[i bLuf`g]Yi]ghYb`dfi`YVUg`XY`bj] Y`

9I]gB`dcb]V]`]hYU`XY`U`Z]`fUbgZYfU`U`U`hb]j`Y`
XUW`bi`ZFYV`YbH`n`bj] Yi`dchf]j`]ha`]Y3

8Yj Ua`YH]ü]a`gYj]mYVYb]a`]Ä]b`i`n]i`b`XYü]`gY`VU`_UV]f`
gYj]mYVY`[YÄW]`]f`a`]n]a 3

DfY[i bLuf`g]Yg]dcb]V]Y`Wla`V]UfgY`XY`bj] Y`Yb`WUgc`XY`bc`Yg]Uf`V`bH`b]c

5j`Y`j`c`XYgW]YfY`XYH]U]U`B`U`Wfg`i`]3

8Yfg]Ä]b`XYH]U`V]f`UÄ`_`Ua`Ub`nj`Uf`a 3

DfY[i bLuf`g]Yi]ghYb`XYgW]dV]cbYg`XYH]U`UXUg`XY`Ug]Ug]`[bU]f`Ug

7UFY`Ygh`bi`a`Bfi`a`U`]a`XY`gh`XYb`]X]bfi`c`WUg3

G`b`ZU`_`U]Ua`]`ÖufYbV]g]Umg`bYX]f3

DfY[i bLuf`dcf`Y`a`½]a`c`bÖa`Yfc`XY`Ygi`X]U]bH`Yg`Yb`WUXU`WUgY`

7Y`ZUW]j]Hb]`cZYfB`Wbfi`3

C_i`i bi nXU`bY`[]V]`ja`_`Ub`Uf`j`Uf

DfY[i bLuf`dcf`Ug]bg]U`U]cbYg`XY`Wbffc

C`f`[`Ub]nU`]`Yi`Wfg]`XY`UgYa`YbYU3

C_i`i`[`Yn]`Yf]`XY`XØnyb`]n]cf`a`i`g`bi`n3

DfY[i bLuf`g]Y`Wbffc`cf`[`Ub]nU`Yi`Wfg]cbYg

7Y`dfc`[`fUa`B`cZYf]`]3

<`Ub>[]`dfc`[`fUa`Uf`g`bi`n]cf`g`bi`n3

=bZcfa UfY`gcVfY`cgdfc`[`fUa`Ugei`Y`gY`cZYf]U

9gi X]Uf`!`6YUg

F`i`a`Ubc

5a`j`Yb]hdYbfi`U`WfY]bZcfa`U]]`Eb`Y`[`Bh`fB`W`
dcb]V]`]Hb]`Y`XY`Z]bUb`UFY

Hi`fW

6i`fgc`UbU`_`Uf`_`U`_`bXUV]`[]`Ua`U`_`g]n]cfi`a`"

DYX]f]bZcfa`UW]i`b`gcVfY`Z]bUbV]UW]i`b`

7Y`cf`[`Ub]ga`Y`Ea`]`dchZ]bUb`U`gi`X]]`Y3

<`Ub>[]`_`i`fi`a`j`Y`_`i`fi`i`_`UfXUb`ÖufYb]a`ntufX`a`
U]U]`]f]a 3

DfY[i bLuf`ei`Ä`cf`[`Ub]ga`cg]di`YXYb`Z]bUbV]Uf`hi`g`Ygi`X]cg

ba][fUM]i b 9gi X]Uf



5 a 'bYj c]Y'XY'Uf hcf'Z]bUbV]Uf'dYbhf
SSSSSSSSSSSS"

SSSSSSSSSSSS]Ã]b'a UXX]ntufX a U']\h]ntMá j Uf"

-bX]W]f'ei Y'bYWg]h]g]Lhi XU'Z]bUbV]YfU

ku B'XY' Vê'Uf]nUFY

\UfÃUf

5 ei Y`c'dUfU`c'ei Y'bYWg]h]g]Lhi XU'Z]bUbV]YfU

Êb]fY]bYfY

ntU Ua '[]XYf'Yf]

5 ei Y`c'dUfU`c'ei Y'bYWg]h]g]Lhi XU'Z]bUbV]YfU

Êb[f]fY'Vêd]]'a]bcf]

ÃcW_ 'VU_ a

5 ei Y`c'dUfU`c'ei Y'bYWg]h]g]Lhi XU'Z]bUbV]YfU

7Y'Zr'XY'Vi fgY'XY'gi X]i 'g bhX]gdc]V]Y3

BYhøf Vi fgUf'a Yj W]h3

DYX]f']bZcfa U]f] b'gcVfY'VYWg

9gi X]Uf ! '7 cbj U]XUM]i b'XY'hfi `cgYl hfUb^Yfcg

F i a Ubc

Hi fVê

5 j fYU'g]a]'YW]j UYn'Wf]Z]Whi `XY'gi X]] Êb
OUfUQ

8]d'ca Ua 'Ø_YQ]Ã]b'cbUhiUra U_]g]ncfi a

-bX]W]f'ei Y'ei]YfYgVêbj U]XUf'hi 'hfi `c UWXÅa]Vê'Yb'Y`dUÉg'XY'XYg]bc

5 j Y]c`]gB'W'fUXi Vêhcf] 'U hcf]nU] Êb'O]a VUC3

Ø]Q]Ã]b'mYa]b']h'fVêa Ub`]gYb]nj Uf'a 3

DYX]f'i bU`]gU'XY'fUXi VêcfYg' fUXcg'Yb'Y`Yb[i UY'VêffYgdc]bX]YbY

I bXY'dchcV]bY'i b'Wf]Z]WhiXY'YW]j U'UFY3

BYfYXyb'XYb_]_ 'VY [Yg] U'UW]]f]a 3

DfY[i b]Uf'Xi bXY'VêbgY[i]f'i b'Wf]Z]W]Xc'XY'Vêbj U]XUM]i b