

# HUMS2006

FYgYUfWX D`UWYa Ybhž 5 fhg UbX GcWJU` GWJYbWYg

HYfa 'C bY''##'&\$&%

# 7 ci fgY<sup>-</sup>Cj Yfj ]Yk

# GHJZZ7cbHJWhi8YHJ]`g

#### 7cbj Ybcfg

BUa Y	9a U]`	5j U]`UV]`]m	@cWUhjcb	D∖cbY
BUca] <sup>·</sup> DUf_]bgcb	b"dUf_]bgcb4 i bgk "YXi "Ui	VmUddc]bha Ybh	' ' * A 6	

#### GWX.cc``7cbHJWhi=bZcfaUhjcb

GWkcc``cZ<iaUb]h]Yg'UbX'@Ub[iU[Yg

@cWUhjcb. `GW.cc``C ZJWYžA cfj Yb`6fck b`6i ]`X]b[ ž@Yj Y``&ž&),

CdYb]b[ '<ci fg. A cbXUm! : f]XUmž - Ua '!') da

D\cbY. Ž\*%&'-',) %\*, %

: UI . Ž\*%&'-' , ) ', +\$)

9a U]`. <u>\U`4 i bgk "YXi "Ui</u>

# 7ci fgY<sup>·</sup>8YHJ]`g

#### 7 fYX]hDc]bhg\*\*\*

#### Gi a a UfmcZhXY7ci fgY

=b`f\]g`WcifgYžmci`k]``Yb[U[Y`]b`U`fYU`!`]ZY`UWUXYa]WfYgYUfW\`YIdYf]YbWY`cb`U`aU`cf`dfc`YWf`YX`Vm IBGK `gV\\c`Ufg`]b`5fhg'/`Gc\]U``G\]YbWYg"`Nci`k]``kcf\_`k]\\`U``YUX]b[`gV\\c`Ufž'\\car{1}[]bU` fYgYUfV\`UbX`kf]hY`U`dUdYf`UVcihmcif`UfYU`cZfYgYUfV\"`

#### 7cifgY`@YUfb]b[`CihWcaYg

% 9I YW HY Ugg][ bYX fYgYUfWX HUg\_g']b U Wca dYHYbhz'dfcZYgg]cbU``UbX h]a Y`ma UbbYf &" 7 f]h]WU``mfYZYWicb mci f`fYgYUfWX HUg\_gzXYa cbghfUh]b[ 'mci f`i bXYfgHUbX]b[ 'cZmci f`fYgYUfWX dfc 'YWi]b ``][ \hicZgca Y`fY`Yj Ubh``]HYfUh fY

' "FYZYWricbimcifiYIdYf]YbWricZkcf\_]b[icbiUifYgYUfWkidfcYWh

#### HYUWX]b[ GhfUhY[]Yg

H\]g`WUgg`k]```W\]YZmVY`HUi [\hih\fci [\`cbY!cb!cbY`cf`ga U```[fci d`a YYH]b[g`k]h\`mci f`fYgYUfW\

# 5ggYgga Ybh

## 5ggYgga YbhHUg\_g

5ggYgga YbhˈtJg_	K Y][ \h	8iY'8UHY	GhiXYbh@YUfb]b[ CihWcaYgʻ5ggYggYX
FYgYUfW\`DcfhZc`]c`	) \$I	%-#\$(#&\$&%`\$).\$\$`DA	%ž`'
FYgYUfWX <sup>·</sup> FYdcfh	(\$1	%-#\$(#&\$&%`\$).\$\$`DA	&
FYgYUfVX GidYfj]gcf 5ggYggaYbh	%\$I	Bch5dd`]WUV`Y	%

#### 5ggYgga Ybh8YHJ]`g

5ggYgga Ybh'% FYgYUfW DcfhZc`]c

@Yb[h\."\$\$\$

#### 8YHJ]`g.

=bHYfbg\]d'dcfhZc`]c'fl \$\$\$`k cfXgL'H\Y'dcfhZc`]c'g\ci`X'VY'UggYa V`YX'h\fci [\ci hh\Y'HYfa"`=tig\ci`X XcW a Ybhmci f`YI dYf]YbWYgždfc[ fYgg'UbX'fYZYW]cbg'cZmci f`F =@'dfc[ fUa "'8cW a YbhUh]cb']bWi XYg Zcfhb][\hmfYdcfhgž'UbX'Yj ]XYbWY'cZfYgYUfW\`i bXYfhU\_Yb"'=tig\ci`X'U`gc']bWi XY'U'Wf]h]WU``fYZYW]cb'cb Gi Va ]gg]cb bchYg. J ]U 9a U]

Hi fb]h]b`gYh]b[.`H\]g`]g`bchU`Hi fb]h]b`Ugg][ ba Ybh

#### 5ggYgga Ybh' . FYgYUfW Gi dYfj ]gcf 5ggYgga Ybh

GhufhiXuhy. Bchi5dd`]WUV`Y

#### 8YHJ]`g.

Mci f`fYgYUfWX`gi dYfj ]gcf`k ]```UggYgg`mci f`dYfZcfa UbWY`U[U]bghdfcj ]XYX`Wf]hYf]U"`: YYXVUW\_`]b`k f]h]b[`UbX Vmifi Vf]W

## F Ygci fWg

#### DfYgWf]VYX F Ygci fWfg

BchUjU]`UV`Y

#### FYWca a YbXYX<sup>-</sup>FYgci fWYg

BchUjU]`UV`Y

#### 7 ci fgY '9j U`i Uh]cb 'UbX '8 Yj Y`cda Ybh

Ghi XYbhZYYXVUW\_'k ]``VY'[Uh\YfYX'j]U'Ya U]`'UhihYYbX'cZh\YWci fgY'VmihY'Wci fgY'WcbjYbcf"'Ghi XYbhg k]``VY'fYei YghYX'hc'dfcj]XY'ZYXVUW\_'cb'h\Y]f'Ugg][bYX'dfcYWfif]bWi X]b['ei U`]mcZ gi dYfj]g]cb/k cf\_`cUX/hfUbgZyfUV]`]mcZfYgYUfW\'g\_]``g/\ck 'Yb[U[]b['h\YmZci bX'hY'Ugg][bYX'dfcYWfz" H\Ymk]``'U`gc'VY'fYei YghYX'hc'Wca a Ybhcb'h\Y'cjYfU``'ghfi Wi fY'cZh\Y'Wci fgY'UbX`]rg'UggYgga Ybhg" : YYXVUW\_'cb']bX]j]Xi U``dfcYWfg'k]``VY'fYZ'ffYX'hc'gi dYfj]gcfg'hc'[i]XY'h\Ya ']b'ghfi Wi f]b['a UhYf]U``Zcf Z hi fY'<LA G&\$\$\*`fYgYUfW\']bhYfbg"': YYXVUW\_'cb'h\Y'Wci fgY'k]``VY'i gYX'hc'UX^ gha cXYg'cZ UggYgga Ybh"

# Gi Va ]gg]cb cZ5ggYgga YbhHUg\_g

# Hi fb]h]b Gi Va ]gg]cb

Zmci YbWci bhYf'U'dfcV'Ya 'k \Yb'UhYa dhjb[ 'hc'gi Va ]hmci f'Ugg][ ba YbhN fci [ \ 'Hi fb]hjbž'd'YUgY hY'Yd\cbY'9I hYfbU'`Gi ddcfhcb'-', ) '' ' '%cf'Ya U]`'h\Ya 'cb'YI hYfbU'hY'hgi ddcfh4 i bgk "YXi "Ui '"'Gi ddcfh \ci fg'UfY', .\$\$Ua '-'%\$.\$\$da 'cb'k YY\_XUmg'UbX'-.\$\$Ua '-') .\$\$da 'cb'k YY\_YbXg'fl \*) 'XUmg'U'mYUfŁ''Zmci UfY'i bUV'Y'hc'gi Va ]hmci f'Ugg][ ba YbhXi Y'hc'U'ZJi 'hk ]h. 'Hi fb]hjb'mci 'a UmUdd`mZcf'Ub'YI hYbg]cbžVi hmci a i ghfYhU]b'mci f'hjW\_Yhbi a VYf'Zfca '9I hYfbU'`Gi ddcfhfU'cb[ 'k ]h. 'Ubmch\Yf'fY'Yj UbhXcW a YbhgŁ'hc ]bWi XY'Ug'Yj ]XYbWY hc'gi ddcfhimci f'YI hYbg]cb'Udd`]WUh]cb'''Zmci 'Ya U]`'9I hYfbU'`Gi ddcfhimci 'k ]`` Ui hca UhjWU'`mfYWY]j Y'U'hjW\_Yhbi a VYfž'Vi h]Zmci 'hY`Yd\cbY'mci 'k ]``bYYX'hc'gdYWJZWU``mUg\_'Zcf'cbY" Hi fb]hjb'U`gc'dfcj ]XYg'i dXUhYg'cb'h\Y]f'gmghYa 'gfUhi g'cb'Hk ]hYf"

; YbYfU``mž'UggYgga YbhHUg\_g`a i ghVY`gi Va ]HYX`Y`YWfcb]WU``mj ]U`Y]H\Yf`Hi fb]h]b`cf`U`A ccX`Y Ugg][ ba YbH'`=b`]bgHUbWfg`k \YfY`H\]g`]g`bchdcgg]V`Yž`]hk ]```VY`gHUHYX`cb`mci f`Wci fgY**'**g`A ccX`Y`g]HY`k ]H\ U`HYfbUh]j Y`gi Va ]gg]cb`XYHU]`g"

: cf`]bZcfa Uh]cb`cb`\ck `hc`gi Va ]hUgg][ ba Ybhg`cb`]bY`j ]U`A ccX`Y.`\hhdg.##gh XYbh'i bgk "YXi "Ui #\ck! gi Va ]hUgg][ ba Ybha ccX`Y

# 5WUXYa ]W<cbYghmUbX`D`U[ ]Uf]ga

D`U[]Uf]ga `]g`i g]b[ 'h\Y`k cfXg`cf`]XYUg`cZch\Yfg`UbX`dfYgYbh]b[ 'h\Ya `Ug`mci f`ck b"`=h\WUb`hU\_Y`a Ubm Zcfa gžZfca `XY`]VYfUhY`W\YUh]b[ 'hc`UWW]XYbhU``mWcdm]b[ 'Zfca `U`gci fWY`k ]h\ci hUW\_bck `YX[ Ya Ybh'

I BGK '[fci dg'd`U[]Uf]ga ']bhc'h\Y'Zc``ck ]b[ 'WUhY[cf]Yg.

7 cdm]b[.'i g]b['h\Y'gUa Y'cf'j Yfmg]a ]`Uf'k cfXg'hc'h\Y'cf][]bU`'hYI hcf']XYU'k ]h\ci hUW\_bck `YX[]b['h\Y gci fWY'cf'i g]b['ei chUh]cb'a Uf\_g"'H\]g'U`gc'Udd`]Yg'hc']a U[Ygž'Ufh'UbX'XYg][b'dfc'YWhgž'Ug'k Y``'Ug dfYgYbhUh]cbg'k \YfY'gca YcbY'dfYgYbhg'Ubch\Yf'g']XYUg'cf'k cfXg'k ]h\ci hWfYX]h'

7 c``i g]cb.'k cf\_]b[ 'k ]h\'ch\Yfg'Vi hdUgg]b[ 'cZth\Y'k cf\_'Ug'U'dYfgcb'g']bX]j ]Xi U``k cf\_"'7 c``i g]cb'U`gc ]bWi XYg'dfcj ]X]b[ 'mci f'k cf\_'hc'Ubch\Yf'gh XYbhVYZcfY'h\Y'Xi Y'XUhYžcf'Zcf'h\Y'di fdcgY'cZh\Ya d`U[ ]Uf]g]b[ 'UhUbmh]a Yž'dUm]b[ 'Ubch\Yf'dYfgcb'hc'dYfZcfa 'Ub'UWUXYa ]WhUg\_žghYU`]b[ 'cf'UV&i ]f]b[ Ubch\Yf'dYfgcb'g'UWUXYa ]Wk cf\_'UbX'Wcdm]b[ ']hz'cZYf]b[ 'hc'Wca d'YhY'Ubch\Yf'dYfgcb'g'k cf\_'cf'gYY\_]b[ dUma YbhZcf'Wca d'Yh]b[ 'UWUXYa ]Wk cf\_"

=ðUddfcdf]UhY`W]hUh]cb. 7]h]b[`gci fWYg`k \]W\`\Uj Y`bchVYYb`fYUXžk]h\ci hUW\_bck `YX[]b[`h\Y`´gYWcbXUfm´ gci fWY`Zfca`k \]W\`\_bck `YX[Y`cZh\Ya`\Ug`VYYb`cVhJ]bYX"

8id`]WUhjcb`fl'gY`Zd`U[]Uf]ga ~Ł`gi Va]hhjb[`mcif`ckb`kcf\_ž']b`k\c`Y`cf`]b`dUfhžk\YfY`]h\Ug`dfYj]cig`m VYYb`dfYdUfYX`cf`gi Va]hhYX`Zcf`Ubch\Yf`UggYggaYbh`cf`WcifgY`UhIBGK`cf`Ubch\Yf`ib]jYfg]hm"

7 cffYWhifYZYfYbW]b[ dfUWf]WYg.

- DUfUd\fUg]b[žigi a a Uf]g]b[žiYggUmik f]h]b[ 'UbXih]a Yia UbU[ Ya Ybh
- 5ddfcdf]UHY i gY cZUbX UHf]Vi Hcb Zcf UfUb[Y cZa UHYf]U`g`]bWi X]b[ 'HYI hz]a U[Ygz Zcfa i `UY UbX WcbWYdhg"

₽5X]j ]Xi U``Ugg]gHJbWF`]g`Uj U]`UV`Y`cb`fYei YghŹca `H\Y`@YUfb]b[ `7YbHfY`f\Hd.#k k k "`Wi bgk "YXi "Ui #" Gh XYbhg`UfY`U`gc`fYa ]bXYX`H\UhWUfYZ ``Ha Y`a UbU[ Ya Ybh']g`Ub`]a dcfHJbhdUfhcZgh XmUbX`cbY`cZh\Y ]XYbh]Z]YX`WJi gYg`cZd`U[ ]Uf]ga `]g`dccf`Ha Y`a UbU[ Ya Ybh'`Gh XYbhg`g\ci `X`U``ck `gi ZZ]W]YbhHa Y`Zcf fYgYUfW\ž`XfUZHb[ `UbX`dfcdYf`fYZYfYbW]b[ `cZgci fWfg`]b`dfYdUf]b[ `U```UggYgga Ybh]Ha g"

IBGK @]VfUfmiU`gc`\Ugʻh\Y`9@=G9`hcc``UjU]`UV`Y`hc`Ugg]ghimci`k]h\`mcif`ghiXmiUhIBGK "`9@=G9`]g XYg][bYX`hc`]bhfcXiVW`bYk`ghiXYbhg`hc`ghiXm]b[`UhIBGK `Vihi]hWUb'U`gc`VY`U`[fYUhfYZYg\Yf`Xif]b[`mcif

- i bXYfgHJbX'mci f`f][\hg`UbX'fYgdcbg]V]`]h]Yg`Ug`U`ghi XYbh'Uh'I BGK
- VY Uk UfY cZdU[]Uf]ga žWcdmf][ \lbzi BGK Ghi XYbh7 cXY cZ7 cbXi Wh0bX 5WW/dhUVY I gY cZ I BGK '=7 H'F Ygci fW/g'Dc']Wh
- VY Uk UfY cZh Y gHUbXUfXg cZVY Uj ]ci f YI dYWYX cZYj YfmcbY ]b h Y I BGK Wca a i b]m
- `cWUHY`gYfj ]WYg`UbX`]bZcfa UH]cb`UVci hI BGK `UbX`I BGK `@]VfUfm

Gca Y'cZh\YgY'UfYUg'k]``VY'ZJa]`]Uf'hc'mci žch\Yfg'k]``VY'bYk"'; U]b]b['U'gc`]X'i bXYfgHJbX]b['cZU``'h\Y fY`UhYX'UgdYWfg'cZ9@=G9'k]``\Y`d'mci 'a U\_Y'h\Y'a cghcZmci f`gh X]Yg'UhI BGK "' <u>\hhd.#gi VYWf[i]XYg'`]VfUfm'i bgk "YXi "Ui #Y`]qY#UVci hY`]qY</u>

# 5WUXYa]W=bZcfaUh]cb

: cf<sup>\*</sup>YggYbhJU<sup>\*\*</sup>gh XYbh<sup>\*</sup>]bZcfa UhJcb<sup>\*</sup>fY<sup>\*</sup>UhJb[<sup>\*\*</sup>hc.

- fYei Yghg Zcf Yl hYbg]cb/
- `UhY`gi Va ]gg]cbg`[ i ]XY`]bYg/
- fYj ]Yk cZa Uf\_g/
- I BGK '<YU`h\`UbX`GUZYhmidc`]WjYg/
- YI Ua ]bUh]cb'dfcW/Xi fYg/
- gdYWJU`Wcbg]XYfUh]cb`]b`h\Y`Yj YbhcZ]``bYgg`cf`a ]gUXj Ybh fY/
- gh XYbhYei ]mUbX X]gUV]`]m/
- UbX'ch\Yf'YggYbh]U``UWUXYa ]W]bZcfa Uh]cbž'gYY

<u>htdg.#k k k "Ufhg"i bgk "YXi "Ui #W ffYbHgh XYbhg#UWUXYa ]W]bZcfa Uh]cb#dfchcWc`g![i]XY`]bYg#</u>

#### ∋a U[Y<sup>·</sup>7fYX]h

GmbYf[]Yg`]b'GcibX'&\$%\*'

#### 7F*⊒*CG

7F=7CG<sup>.</sup>Dfcj]XYf<sup>.</sup>7cXY<sup>.</sup>\$\$\$-,;

#### 5W\_bck `YX[ Ya YbhcZ7ci bhfm

K\_Y`UW\_bck\_`YX[Y`f\Y`6YXY[U``dYcd`Y`k \c`UfY`f\Y`ffUX]f]cbU``W\_gfcX]Ubg`cZf\Y``UbXg`cb`k \]W\`L\_BGK ?Ybg]b[[fcb`WJa\_di\_g`]g``cWJfYX"