

; GA!Gi ddcfh'i `"'6]hgW\UbU'&#', ž' %\( \&\$'?fU\_@k ž'Dc`UbX a cV]`Y'Ž (, '\* \$, %\$+()) ž'B=D'D@-() %, ) &%\* ( 'F 9; CB. '%&\$&\$' - &) k k k "dc`]q\[ ga "\chia"

## $AL6cl < H=H\i bXYf:i$





 $A \ L \ 6CI \ 'H\ 'i \ b \ XYf': i \ ```fIF \ YhU]` L' ]g' h\ Y``UhYgh' YX]h]cb' cZ' < H=']bh YfZUW' k ]h\ ']b WfYUgY X'gdYY X' Vm') ($1 \ 'Wea dUfY X' hc' A \ L 6CL 'C fUb[ Y''' = a dfcj YX' Vi ]' h! ]b' GC: H! HA 5 'UXUdh Yf' UbX' gdY WJU'` Vi ]' h! ]b' \ UfX k UfY 'VUgY X cb' 7A CG' UbU' c[ 'gk ]h W Yg'' '5 'gc' i 'h fU'\][ \ 'gdYY X' fl%a GL' dfch Y WJCb' U[ U]bgh' d\ cbY 'V UhY fm' d]bg' g\ cfh W hz' Z\ ```h ]a Y' ZYY X V U \ 2 a cb]hcf]b[ 'cZ' d\ cbY' J 77 ``]bY' Ug' U'gc' Vi ]' h! ]b' \ UfX k UfY' UWW YY Uhcf' gdY WJU'` m' X Y g][ bY X' Zcf' Bc_]U': 6I G': `Ug\]b[ 'gY f]U' gmb W f cbci g' dfchc W '''$ 

BCH9. '6cl '\Ug'U'Wca d`YhY`mbYk 'dfcWYggcf'k\]W\ 'fYei ]fYg'K ]bXck g'+ 'Zcf'dfcdYf'k cf\_"'=Z'mci 'UfY'i g]b[K]bXck g'LD'h\Yb'mci 'WWb'k cf\_'k]h\ < H='H\i bXYf'Vma cj ]b['g]a WWfX'Zfca ']h']bhc 'gYdUfUhY c`X'AL? 9MfYUXYf'cf c`X'Vcl '! 'h\Yb'H\i bXYf'k]``'UWh'Ug'U'Wca a i b]\Wh]cb']bhYfZUWY'UbX'WUfX'fYUXYf'k]``'fYUXYg Ufh\WJfX"

## 8]ZZYfYbWYg'VYYhk Yb'<H='CfUb[Y'UbX'<H='H\ibXYf'.'

'<][\'GdYYX'I G6'hfUbgWf]jYf.'ZUg\]b['gdYYX']bWfYUgYX'Vm)(\$i 'WtadUfYX'hc'AL6CL'; fYYb'UbX'Vm' \$\$i 'WtadUfYX'hc AL6CL'CfUb[Y"

 $= a \ dfcj \ YX^{\circ}Vi \ ]^{\circ}h \ ]b^{\circ}GC: H! \ HA 5^{\circ}UXUdhYf. \ [^{\circ}gdYV]U^{\circ}Vi \ ]^{\circ}h \ ]b^{\circ}VUfXk \ UfY^{\circ}VUgYX^{\circ}cb^{\circ}7A \ CG^{\circ}UbU^{\circ}c[ \ ^{\circ}gk \ ]hW_{V}Ygz^{\circ}k \ ]hW_{V}U^{\circ}Y^{\circ}fYg]ghUbW_{V} \ cb^{\circ}h_{V}^{\circ}6G=^{\circ}]bY^{\circ}VYhk \ YYb^{\circ}s_{UbX^{\circ}ghYd} \ ]bW_{Y}a \ YbhU^{\circ}j \ U^{\circ}i \ Y^{\circ}cz^{\circ}w_{U}^{-}$ 

`BYK`GLG`!`G\cfhW\h'I`hfU`G\]Y`X.`I`hfU`\][\`gdYYX`f1%aGL`dfchYWljcb`U[U]bgh`d\cbY`VUhhYfm`d]bg`g\cfhW\h'

: i ```h]a Y`ZYYXVUW\_`a cb]hcf]b[ `cZd\cbY`J 77 ``]bY. `]a dfcj ]b[ `XYhYWh]cb`UbX`fYa cj U``cZZUg\]b[ `Yffcfg`fY`UhYX`hc``ck `dck Yf I G6`dcfhg"

'6i ]`H]b`\UfXkUfY`UWWY`YfUhcf. 'gdYWJU`mXYg][bYX`Zcf`Bc\_]U': 6I G': `Ug\]b[ 'gYf]U``gmbW\fcbci g'dfchcWc`"'=h\Y`dg'hc']a dfcj Y gdYYX`cZ`ZUg\]b[ 'Bc\_]U'd\cbYg'j ]U': 6I G']bhYfZUWY"

'GdYWJU`mXYg][bYX'\UfXk UfY. Zcf'YUgm'UbX'ZUgh'a YUgi fYa Ybh'cZ'j c`hU[Y'UbX'W ffYbh''=h'U`ck g'i gYf'hc'gc'j Y'\UfXk UfY dfcV'Ya g'Zcf'Bc\_JU'Wf``d\cbYg"

## $GdYW \cite{like} {\it IMM} {\it$

 $\label{eq:continuity} $$ 'ZUg\^'i b`cW_{Z}'fYdU]f'd\cbYg'k\]WX'\Uj\Y'Wcaaib]WUh]cb'dfcV'Yag'ig]b['ch\Yf']bhYfZUWYg'fbYk'`cUXYfgE'gi WX'Ug'7) \ \&'YhW'! hc'gYY'U'h\fYUX'cb'Zcfia'k]h\'Z\'`mhYghYX'bYk'd\cbYg'\W_{Y}\YfY' | YfY' |$ 

`cb`mAI6CL`<H=igYfg`k]``[Yh`gdYW]U``UWWYgg`hc`ZIbWh]cbg`bch`UjU]`UV`Y`cb`ch\Yf`]bhYfZUWYg`giW\`Ug.

- ! 'GH5B85@CB9'GL(51 H<
- ! GH5B85@CB9 G8 F 9D5=
- ! 'GH5B85@CB9'G=A @C7? 'F9D5=F
- ! 'GH5B85@CB9'B7? '75@7
- ! 'GH5B85@CB9'G@ '<5G< '75@7
- ! 'GH5B85@CB9'G@ 'B7?'75@7

`XYX]\WUhYX`]bhYfZU\W\`Zcf`U``Al?YmigYfg`Zcf`YUgmUbX`Yffcf`ZfYY`Wcaaib]\WUh]cb

`]b`: i ```j Yfg]cb`W]Ybh`fYVJYj Yg`Zi ```XYj ]WY`fYUXm`hc`k cf\_`k ]h\`U```d\cbYg`fI87H(#66) `UbX`G@ `UVM]j Uh]cb`]bWi XYXŁ

j]XYc

7ca d`YhY WcbhU]bg.

! 'A L 6cl 'H\i bXYf': i ``

K UffUbhm
! 'K Y'cZYf'\* 'a cbh\g'cZ'k UffUbhm







