

DR MARSHA
LUCAS

Przeprogramuj
swój umysł
NA MIŁOŚĆ

Jak zbudować szczęśliwy związek



Najmądrzejsza
książka o miłości



STUDIO
ASTROPSYCHOLOGII
jeszcze lepsze jutro



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ASTROPSYCHOLOGII
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Redakcja: Mariusz Warda
NfÄ_fjhkpórnrt5Kqj onKdrdf
Kjné fój fÄ_föQh\ñuKÄndr du
Oph\^u i d5F\öñti\^Gdutf

R t_\i d D
=dÄñgf^+ , .
D=I 423(3 (2 22(02, (3

MER D@TJ PM=M&D 'AJ MGJ Q@
>jktrñbcö~^+ , -]tH\nc\Gp^ñ
J rñd\gg kplgñc`_d^+ , -]tC\tCjprñ PN< D^

~>jktrñbcöj nœ` Kjgñc`_döji]tNp_g]<nojkat^c_j gñd=dÄñgf^+ , .)
<gñbcñññññ`_d^gñ_d bœ`ñbcöj anikaj_p^öji]d^r c_j jñd k\ñd\^i t^gñh)

R ni g d kñr \ùrññ j i `) _i \^u/4 `öekplgñ\^eli d hj `]t k_j r d g i \^
\i d jñk_j r ni ^ci di \ù k_j h j ^, pñ_u `^g f o j i d u i t ^c`
h ^c i d u i t ^c` f j k o p e ^t ^c` i \bñr ò e ^t ^c` d d i t ^c`
]`ukñhi `^et_j t k_j r d_\^t kñr \p_j m f d c)

<p_j rñ\^fñj f d i d_p_u d g k_j m_h `t^u i t^c` d i d u g ^\p tr ñ d ò f d e f j g d f ò ^c` d d
è f j g ñ h t g ^u i d ù t ^u i t ^c` g p h `t^u i t^c` c j m i `] u l \k_j m i d e g p k_j m i d e
f j i r p g ^e l u g f \m i h) D ò i ^e \p_j r d e m ö _t i d _j r ñ m u i d j b y g t ^c` d g ñ h \^e l
k_j h j ^i t ^c` r k_j n p f d \i p ^h j ^g i g `b_j d_p ^c_j r `b_j] j ñ b j ñ h j k_j ^p d`
R kñt k_f p r t f j n r ñ i d ò f d e f j g d f d g ñ h \^e l i \e p e ^t ^c` r d 4
r ò e f r j ^ i \r A r i t p t o f `j è n o f j i n o p ^t e t h kñr `h \p_j rñ\^d r t_r ^`
i d] g m i \r d] d j _k_j r d_u d g j ^d ù \u d Ì i d ^t o g d \)

Oñ_d] f N ` g D] u d k q o a j] ` s s * d] u d k q o a j ` d c` k i



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, 0(21- =dÄñgf^
pg^<i g i p f ^A] ñ00* /
30'11- 4' 12'..m_\^f^è
30'10/ '23+1'..n f m ò n d o
30'10 ; , . + , .._u d Ì c \i _g r t ..c p m
30'10/ '23: 0..r r r r) ò g ñ h \i k g .._` ò g
r f g k ^è h j r t 5 = d Ä ñ g f ^ p g ^ < i g i p f ^ A] ñ 0 0 * +

R d 4 è d g ñ h \^e l i \e u d n u i \k_j r ñ g p r r r) k r t ^c_j o j i d \k g

KMD O@? D KJ G<I ?

z? mGp^`n kj f\upè `^utòg d j h' `èf`p tr \ `h j ^t`i `p r j k g (n t ^u j ^d .h j g t j ^d p h t n p _j u h d i h y u p . . . j i j u r d i d z j | r j _y r f `g m ^u j ^d `h k \ o d d \ n m r i j ^d r `u r d u f \ ^c) E e b j n i e n o ^d k A `u | \ r i t `] ` u k j m _i d k m f d ^u i t d o f `] \ m u j ` k j h j ^i t) O f r n j f \ è m e f i \ e g k n u t k n t e ^d g f o r m i e m e _i j (^u `i d `f r k `m h r `r k n r \ ^c h y u p j m u o m k `p o ` r d o j r `è f g r t f)

‡` n i N e g D j j d j ` \ p j n f n j f d H y u b = p _ t

Lval r k r j i q f o s y f q i u o A j j i e k H \ m c t `G p ^`n g `r k t o t ` d k n t e u i t ^u t o g d j r d k m `r j _i d `r ` `f n t o p e ^ `e k j _n j t k m u i i \ n u `n m \ d p h t n A) ? n i G p ^`n u n t a u i d `r k g o `r j e `o m k `p o ^u (i , d i `p r j g b d u , r d _u / u j r j | d o h _ _r j ^d `r `] j b o `n i r j r (i t d k n t r o k i t `b j] `g l `f o r m i j u u m `i \ n u `n h j r d _j h j ` r `n p] d k j _o u t h t r \ i d d k j b A d i d i \ n t ^c `u r d u f y r f)

‡` n i H k q e ? k v k d j k `k i j a r j n i k r t ^c j g b d l K k k `m d ` P i d j m d ` \ p j n f n j f d O c ` I ` p j r n d i ^ ` j a C p h \ i M g a j i r d k n

z? mGp^`n j a r p e `i \ h `k n t r o k i t `d k n f d ^u i t `k m `r j _i d `r \] t k j h y ^j t r d `u / 4 `r n k y g , i j u r \ i j ^d d i `p r j i \ p f d `g ` u _r j r n t ^c `u r d u f y r `d g k n u b j ` t ^d f)

‡` n i A l e d j ` C k h q a j ` \ p j n f n j f d O c ` I j r @ a ` o d r r k y A p j n f n ` < H d _ a p g ` m (= \ n _ N o i m M _ p ^ a j i R j n f i j j f

z t e h t r ` r d ^d i d p _i t ^c `u r d u f y r `d j n f p h d A ^d ? n i G p (^`n k m f \ u p e `i \ h r d _u / d f g l d u i ` u n j r j r \ i d i \ m / 4 u h ` (_t o ^e l p r \ i j ^d \] t k j h y ^i \ h `p g ^u `n d j d `i \ n u `u r d u f d d i \ n u `r d o R n t r t `k j o u] p e h t `k j m t `o e h , _m e j r j] t f)

‡` n i a ` u _j u = h j j ` S] m d k s o g u ^u j i ` f < h `m \ i ` > j g b ` j a j] m o r d d i n \ i _ B t i ` ^j g b d n i _ t m f o n c j i j r j r t ` < h `m \ i ` = j \ m j a l d o b n o d j ` C j g t u e H ` _d d `

zOuth\`nu'r`nhi\`c`pi d`g``_udA)H\`mc\`kj kjr \`ud^d/4
j mjh i d`dkj hj` `kj u \` j`_kj_nu'r fdr te d jr` `fjnt` ^dkA(
i`^`upr \` ij` ^dr` oi` rkj rj]` rju i d`dr` g] d` u h` d r \` i d`_j`
knf d f jr \` i d` h`_t`o`e]G knu r d u f` uk\`m`_m`h` g` kj`_m`o`(
r \` t`d`r` u`rj r` f d k j h t` g j` ^d`Kj` km`^u`oi` f`o`e f n d` f d i \`(
p`^u`n i n d`4 e f` u j` m`o` `g`f o t f d h` r` j e b j` h`y u p`'j`_f`m`e`n i o`
r`A`^d` `o`^c i d`d h` i` o`g` `f`o`y`m`k j` k n r` d` o`r` j e` m`g`^e`u]`g f d`
h d`d j r j] \` h d`K n t e h i \` g`f o p n`..b j m`j` k j g`^h`f j)

‡Od]i]od`=le g]'\`p g r f \` f n d` f d Hd`_p g `m i g m
?p h h d n \` i`_M g s \` a j i` g m`? p h h d n

zO`_j r f j i \`A` f n d` f \` u] d m`^u`o`g`d`r` `f`n`t`o`p`e`^` `kj`_`r`j`
n`h`j`j`_f`r`r` \` i d` d` p u` n r` d i d` k j` k m` u` i` j r` `j]` n u` m` i` `p`j`j`(
]`d`g`b`d`d`h`_t`o`^e]p r \` ij` ^d`?` n`G`p`^`n`i`r` k`j`r`n`t` d`u`j`u`p`h`d`A`
r`k`j`r`j]` k`m`u`i` o`p`e` f`j`i`^`k`e`i` \`p`f`j`r` `j`m`u`r`t`n`p`e`^`u`t`o`g`d`j`r` d`
r`i` \`p`^`o`^c i d`h`_t`o`^e]f`o`y`m`_j`r` d`_A`r`j`e`b`j`_p`u`n`r` d`e`(
^`b`j`r`k`A`r`p`^u`n`r`i`j`i` \`k`j`j]`g`h`t`^`h`j`^`g`i` \`g` `k`r`^`c`j`g`b`d`u`i` `^`
d`e`u`^`u`i` `e`f`d`i`_j`r`j]`t`_` `^`_j`j`k`o`h`_g`^`e`f`j`i`_t`^e]k`r`^`c`d`u`(
i`e`d`e`u`^`u`i` `e`O`f`n`d` f \` g` k j u t`^`e`j]j`r` d u f`j`r` \`_g`f`_`_`b`j`f`)

‡`n`i` a`_u`j`u`H`k`j`|`n` `=*S` e`j` a`o`g`e`^`u`A`i` f`<`h`_m`i`
>`j`g`b`j`a`k`c`r`d`i`n`k`j`a`r`j`n`i` \`B`j`r`h`R`_m`c`d`b`j`i`
P`i`d`j`m`d`i`B`j`r`h`g`r`i`P`i`d`j`m`d`i`P`i`d`j`m`d`i`j`a`>`j`g`n`j`6`p`g`m`
f`n`d` f`d`O`c`N`d`i`o`d`^`=\`n`h`j`a`D`o`b`n`o`t`j`H`_`d`d`^`

zU`n`o`i` \`r`d`A` `n`d`4`d`_t` ``_g`^`u`b`j` `n`d`4]`g`f`p`e`n`i`r` `u`r`d`u`f`^`c`^`
r`n`o`r`t`c`r`j`m`c`u`^`c`j`r` \` :`H`_`m`c` \`G`p`^`n`k`j`f`_`u`p`e`_`u`_j`r`^`d`k`h`
d`i`m`^`u`i`j` `d`j`^`j`_`u`d`e`n`d`4` \`k`j`u`j`h`d`h`y`u`p`^`b`t`i` \`n`i` `i`r`t`f`d`
g`r`h`p`e`n`d`4`p`o`u`h`p`e`d`^`j`i`e` \`i`d`e`u`i`^`u`h`d`i`d`e`j`D`j`o` `e`r`o`
r`j`r`i`d` `g`^` `p`r`d`_`h`d`i`h`^`e`f`u`n`r`j`r` \` d`/4`d`_u`^`4]`t`j`_`(
h`d`i`d`d`o`h`i` `f`j`i`d`f`o`..r`n`t`r`f`j`g`u`k`j`h`j`^` `k`j`r`o`e`k`n`f`d`f`d`
h`_t`o`^e]p r \` ij` ^d`F`n`d` f \` o`k`n`u`i`d`r`d`n`_j` `r`d`g`^`u`t`o`g`d`
f`j`h`^`u`r`A`n`u`^`u`o`h`^`f`o`y`n`t`_`u`d`g`r`j`e` `t`^d`u`f`d`h` `d`i`t`h`f`)

‡A`D]i`h`e`a`h`r`n`k`y`A`p`g`n`f`n`d` f`d`O`c` `H`d`_p`g`H`i`d`i`n`j`

?g ?pi ^i f' B\|mg`dr ntrf dc`
fömt `c^i]t `u/z/d]\mude`hk\at^i `bj` r d d

K G H D

PRZEPROGRAMOWANIE I A M G Y I B 5 A 3 C

NAJLEPSZY PROJEKT „ZRÓB TO SAM”,
JAKI KIEDYKOLWIEK WYKONASZ

tèht`r`fpgpm`fóym`idm`ur`j`i`du`j`j`dó`d¼
n`dnaf`é`i`pe`^`bj` `t`^`d`u`_`j`|`rth`dknt`è`^`d`^`A`ddn`rn
`^`u`i`th`d`mè`^`è`h`d`è``i`f` `kj`uj`h` ` `k`m`è`d` `m`m`p`
k`m`k`m`j`r` `i`d` `d`j`ur`j`_`yr` `..`g`|` `r`t`|`d`m`i`d`f` \ ` `bj`
r`d`^`uj`m`r` `b`ò`^`è`k`m`_`ò`gr`dj`m`h` `]`_` `D`ò`m` `ò`h`
u`h`d`m`kj`_`out`h`tr` `i`d` `k`m`r`_`u`d`t`^`c`'`_`è`^`t`^`c`u`_`j`
(`r`j`g`i`d` `m`è`^`è`d`u`g`_`h`d`..`j`m`bi` `À`_`j`n`r`i`d` `i`j`uh`d`m`
k`i`_`h`d`

O`gr`d`è`d`h` \b`u`i`t` `|`j`h`|` \m`pe` `i` \n`kj`h`j`^`i`th`d`
r`r`f` \u`r`f` \h`d`m`i`t`^`c`b`p`p`r` `u`f`m`rd` `m`j`p`i`f`y`r` `h`d`è`
`u`g``u`f`d`c` `H`y`r`d` ` ` `h`è` `ò`è`h`i`t` `u`m`ò`r` `n`y`r` `d`u`
(`^`c`j`r` \ ` `f`ó`y`m`i` \n`p`r`u`u`/4`g`t` `è`z`k`j` `k`j`m`p` `out`h`è`nd`¼
d`^`c`k`d`4`p`k`j`m`t`^`c`u`è`n`_`f`j`)

E`_`i`f` `k`m`j`r` \À` `è`p` `#`d`g`f`r`j`ò`d`S`ò`bj` `^`j` `m`p`b`
(`r`j`r` \g`d`r`_`g`u`th`^`d`b`p`i`d`è`m`ò` `n`u`u`/4`g`t` `...` \ `è`j`è`
m`è`^`è`u`d`i`th`d`i` _`g`i`d`p`f`À`_`è` `m`d`i` \è`g`k`d`è`

Ad`h`t` `à`r`h` \^`p`è`^`u`i` `m`f`g`h`p`è` `h` \À`k`d`p`^`d`f`ó`y`m`
r`t`m`ò`m`t` `u`è`t` `n`u`_`u`d`i`d` ` `r`t`g`^`u` ` `k`m`è`d`g`f`d`
k`j`À`^`u`i` `) `H`d`h`j` `è` `r`d`f`r`uj` ` `g`_`u`d`^`d`b`g` `^`d`m`d` `k`j`
(

npfpe^gknt^c mē^ed] \mudē\ōmf^ēi pe^bj
t^d)

?g^uj òf rd₄udè:

<|t_j_kjrd_ud`h\`g`ktòid`rdh`cht`_j`i`p(
rji \pf`ōkj`ny]`r`èf`dō`yéh`yub`è`mō`krijb`h`j`r`i`t`
hj` `kj`h`b\`^d`pō`h`tr` \`nu`u`/4`gt` ``_`e`^`u`_`j`(
r`j`gi`d`ur`d`uf`d`g`j`hj` `nò`i`j`r`d`j`bj`hi` ,`k`m`n`uf`j`(
_`/4`g`u`r`j`r` `eh`d` ^d`

U\òh`rf`_`kj`^cj`_ud`ò`i`krijb`h`j`_kj`rd`ud`gt`
u`mē`è: I`d`m`ō`u` \`u` \`è`bj`^u`/4` `uj`m`À`pr` \`pi`(
f`j`r` \i` \i` \]` \m`uj` `r`^u`ri`th` `ò`kd` `r`j`ur`j`ø` `σ`j`è`bj`
h`y`ub`p`..b`_t`]`t`À` `r` `r`d`f`p`j`f`j`^`_r`y`c`g`ò` #`O`r`j`è`
d`ò`mf`è`u`_ud`^d`m`r` \h`e`j`bj`hi`t`r`k`À`r`i` \`g` `è`f`
σ`yé`r`j`up`h` `σ`j`m`t` `ur`d`uf`d`k`m`u`^`À` `t`^d`§

E`m`ò` `è`_i` \f`_j`]`m`r`d`_j`h`j`)Hj` `n`uk`m`krijb`h`(
h`j`r` \ `r`yé`h`y`ub`i` \ `σ`j`m`i`d`g`knt`^c`mē`^e`d`ug`_`(
h`d`Hj` `n`u`h`d`i`d`r`j`è`n`ò`n` `^d`f`d`i` `m`j`r` `d`j`ur`d`
i` ,`i`j`r` `g`knu`'p`tr` \e`^k`rj`m`^c`ò`^c`i`d` `ò`m`j`r` \i`d`
p`h`tr`p`r`k`m`_`_r`y`c`d`k`y`À`d`n`d`^`g`ò`f`ó`m`n`_`]` \m`ud`e`
k`m`^t`ut`é` `i`d`r`f` \g`g`i` `p`rj`^c`d`p`r`b` \d`j`n`ò`r`d`e`h`i`d`e`
nt`]` \À`b`i`)'E`f`r`d`j`f` \u`pe`'m`ò`r`j`t`ò` \k`m`f`d`f` \h`_t`(
ò`^e`d`pr` \i`j` `^d`b`i` `m`pe` `k`n`r`_`ut` ``h`d`m`g` `u`h`d`i`t`
r`f`g`^`uj`r`t`^c`h`d`e`r`^`c`h`y`ub`p`'_`ud`d`^`u`h`p`h`j` `n`i`
j`m`b`i` ,`b`^`n`u` `f`j`i`d`f`d` `g`knu` `h`d` `d`u`r`j`r`n`u`
ur`d`uf`d`u`d`i`t`h`d`g`_`h`d`

Kj`rd`/4`e`^è`_t`i`d`_r` _ud`^d`h`d`p`ò`_u`d`i`i`d`)

E`f`n`_`ud`u` >ut`σ`j`è`mē`è`u`g`_`h`d`n` `r` \m`ò`kj`(
r`d`/4`i`d`_r`p`_ud`m`p`h`d`p`ò`_u`d`i`i`d`:

CHK 5FMI A Mÿ Ž 8C6FN9
N5DFC; F5A CK 5BMA ÈÑ 1 BCK 9
AC @KC 7=

E r o'j ' 'j ^c^1/4kj_fm gl'ø i \kj ^u d'p5`f n'tøe¼
rd/4 `prji \pf,) R dh' ' `g' ojn^c¼ ud i ``\g'] ¼ud`
knt_`ò `r h d n'èf u`bA d h t n d/4 `ò h \ø H \h i \\
_ude¼ `b_t u \nunj] d r k n r ¼i o b j' èf k j d/4i `è m
g' i \m¼ud' `ò] ¼ud n i o j n u' u f ¼kj _f n't g r \i t)

E n u' _udrd/4 gó ò h p' i `prji \pf \kj_ont h t(
r \À `g u i , u n _¼j i `prji \c r 'h ý u p 5 b_t j n j (
b i , À r d f _j e n A ^d' k j n ^ n' k j n _p f ^e l i j r t ^c' f j (
h ý n f 'h ý u j r t ^c' u ò n t h t r \À r d/4 .p h d n A r 'h d n A
p k A r p' ^u n p) # ^u t r d ^d 'h j b A `k n t r k d n t 'k j n ^ n'
r t h d n i d i `prji ý r' r `u g' i j ^d j _r j _u ò p r k p r j (
n u' `è f d ^u t i d A `k j k m u p t r \i d i \r f j ò f ý r' p m (
u t b A r t d k) S U n \ `ò j u \ ^u A n j r i d ' `n ò m k j (
A ^u i d r 'h ý u p .i `prji \g' ` `d f d f ó m j f m g e'`
è f m \b p e n u .i d 'h j b A] t `u n o k g i `i j r t h d e `g d
p g b A p n u f j _u i ø) K j `u f j ^u i ø i j u r j ø h ý u p' k j`
j n j b i d 4 ø u A o b j' r d f p _r p _u d n p' k d 4 ø g o i \n d 4
k j r \A ø `ø g j r k _`f) P k m)

I j `y ' `^A d h i d _r i j j _f m g l h t' ` `u A `i d g'
è n o h t g `)= \m j `h t g `) R m ^u t r d j ^d h j `h t i d`
ø g j r t h d i d i `prji t r i \n t ^c' h ý u b ^c' d f n j r \`
i j r `k j A ^u i d d ^d f d `g' ò f ` `k j n _p f j r \ `i j r`
i `prji t k m u ^A i \n u' t ^d) I j n d g' i \u r ¼i `p r j k g (
n t ^u j ^d d è m i \e \m u d e k m A h j r t h 'j _f r t ^d h`
r 'i `prji] g b d j _` ^u n p' r t f \u i d' ` `h ý u b i d è m i
è _t i d i \m _`h `^c A _u ^t h j r b i d h) # d' \m p e 5

fji ^k^è\`ò\`ndh\`nò\`rj\`tò\`bj @bkp`d]tÀ\`i\`dfr `nqj (ijr \i \`kmi\`u\`d\`m\`g\`d\`\$

>j`g`ju`^u\`g`^d]d`dòrjdc`mèg`^e\`udi\`thd`E` `(ghj `nùr\`tb\`i`rj\` `i\`jr `k\`r\`d\`u\`i\`d\`di\`jr `i` `p\`rj\`i\`t` `g` `ò\`yè\`r\`ò\`r\`i\`n\`ò\`r\`dè\`^t\`i\`r\`j\`d\`h\`k\`r\`b\`h\`h\`j ` `ù\`n\`ò\`k\`m\`i (k\`r\`b\`h\`j\`r\`i\`t\`g\`]h\`j\`i\`b\`j\`] `e`)Hj `nu\`bj\`j\`_`ò\`j\`nt`)

E\`f\`j\`k\`r\`t\`^c\`j\`g\`b\`f\`ó\`m\`k\`n\`^pè\`ù\`k\`^è\`i\`ò\`h\`dj\`_`k\`j\`i\`_` _r\`p\`_ud\`m\`p\`g\`ò\`i\`d\`u\`h\`d\`m\`d\`h\`i\`d\`g\`^à\`n\`t\`i\`pè`)

U\`ò\`h\` `è\`f\`_`j\`f\`À\`_i\`d\`h\`j\`i\`_`u\`h\`d\`i\`d\`j\`r ` `m\`p\`f\`ò\`r\`t\`i\` d\`k\`j\`À\`^u\`i\`d\`i\` `p\`rj\`i\`g\` ` `r\` `k\`j\`_`n\`ò\`r\` ¼\`n\`u\`u\`¼\`g\`t\`^c\`_`u\`r\`d\`u\` f\`ý\`r\` : J\`n\`ò\`d\`]\`_`\`i\`d\`k\`m\`k\`j\`r\`_`\`_`u\`j\`i\` `k\`m\`u\`^u\`j\`À\`r\`t\`^c\` i\` `p\`rj\`i\`d\`g\`b\`ý\`r\` `d\`]d\`] `c\`r\`d\`r\`n\`ó\`r\` .\`_]\`_`\`_`u\`t\`u\`C\`m\`^m\`p\` P>G< `HID` `Krd\`^`g\`i\` `Nò\`i\`g\`m\`d\`>\`h\`]r\`d\`b\` `r\`t\`h\`d\`i\`d\` (è\`^`ò\`g\`j\`f\`ò\`f\` \`.r\`t\`f\`u\`A\`^d\`k\`m\`f\`ò\`f\`h\`_`t\`ò\`^e\`p\`r\` \`i\`j\`^d\` k\`m\`t\`^u\`i\`d\`n\`¼\`j\`_`u\`r\`j\`r\`n\`t\`^c\`n\`j\`p\`i\`f\`ý\`r\` `h\`d\`¼\`u\`t\`g\`_`u\`f\`d\`c`)

U\`h\`d\`i\`t\`i\` `p\`rj\`i\`g\`b\`d\`u\` `j\`]n\`m\`j\`r\`i\` ` `r\` `h\`y\`u\`b\`^c\`j\`n\`ý\`] `k\`m\`f\`ò\`f\`pè\`^t\`^c\`f\`j\`i\`ò\`h\`k\`g\`^e\`¼\`j\`ur\` \`i\`j\`^d\`r\`t\`f\`u\`pè\` `è\`f\` ò\`j\`r\`]t\`n\`d\`¼\`u\`pè\` `è\`f\`m\`_`u\` `r\`j\`]d\`u\`p\`^u\`p\`^d\`h\`d\`d\`è\`f\`i\` (r\`d\`u\`pè\`m\`g\`^è`)I\`d\`r\`t\`h\` \b\`g\` `g\`ò\`k\`m\`f\`ò\`f\`d\`..f\`j\`n\`t\`m\`ò\` ` `à\`f\`ò\`r\`d\` \ `è\`p\` `r\`i\`e\`^u\`i\`d\`e\`u\`t\`^c\` `ò\`k\`^c\`h\`_`t\`ò\` (^e\`i\`r\` `ò\`k\`_`j\`_`f\`n\`y\`ò\`d\`h\`^u\`n\`d\`è\`f\`d\`h\`è\`m\`f\`ò\`f\`^ò\`b\`_`i\`d\` k\`m\`f\`ò\`f\`j\`r\`i\`d\`k\`m\`i\`_`r\`_`\`_`u\`d\`^d\`h\`d\`p\`ò\`_`u\`d\`i\`i\`d`)

I\`d\`h\`j\` `n\`u\`k\`j\`r\`d\`¼\`d\`_`r\`p\`_ud\`m\`p\`h\`d\`p\`ò\`R\` `k\`j\`m\`_` (f\`p\`5\`u\`^u\`è\`j\`_`_`r\`ý\`^c`)

N\`_`u\`h\`i\` ` `i\`d\`h\`j\` `n\`u\`ò\`b\`j\`r\`j\`]d\`r\`j\`b\`ý\`g\`:
J\`f\`j\`À\`40\`ž\`h\`j\`d\`c\`k\`^è\`i\`ó\`r\`h\`t\`g\`À\`ò\`f\`n\`h\`j\`)D\`k\`m\` (r\`d\`r\`n\`t\`n\`t\`u\`i\`d\`c\`j\`_`f\`m\`g\`l\` ` `h\`j\`b\`h\`_`t\`ò\`r\` \ `..d\` ` `g\`j\`r\`d\`g\`À\`ò\`r\`d\`e\`u\`i\`d\`n\`_`u\`d\`b\`_`t\`è\`p\` `ò\`b\`j\`r\`k\`n\`ý\`]r\`g\`l`

*P>G< `..Pi\`d\`j\`m\`d\`j\`a>\`g\`j\`m\`d\` `G\`n\`i\`<\`i\`b\`g\`r\`G\`H\`I\`D\`..H\`m\`^c\`p\`n\`ò\`m\`D\`m\`p\`ò\`j\`a\`O\`^c\` (i\`j\`g\`l\`t\`^k\`m\`k\`ò\`p\`h`)\$

pu| rjèi dr`r d_u/dkijmò`r rf\ùyr fdfòmùì \e_udnù`
r`òéfndj`^)

I d`hpnùu`j`nòr` \`hi`dè`h` \i`dr`b`ò`ndi`d`h`
g|`rk¼u`ù` \`^`À`c`b`j`_ud`f`ji`ò`h`k`g`e`^`r`y`ek`k`f`**`)
I d`hpnùur`f`ý`Á`j`i`p`^`d`z`j`h`h`h`f`k`r`j`|`p`e`^`u`y`r`ij`(
r` \`t` `g|`j`^`ut` ^`d`ph`tr`À`

G`^`j`i` \g`t`ij|`d`k`j`_`ù`nh` \`_`t`ò`^`el`j`ur` \`ij` ^`d`g`
k`j`k`j`m`p`_`j`m`ù`b`i`d` \`f`ò`r`ij` ^`dr`j`è`b`j`h`y`ù`p`#`g|`
d`i`th`dn`À`r`tr`r`j`dè`ht` g`dp`^`up` S`di`d`ù`k`g`ò`i`d`nd`¼`
r`i`d`I`d`hpnùu`i`r` \`ò`nd`_ud` \`b`t` `g` `ij|`du`#`i` \`
k`r`ij`i`d`hpnùu`nd`_ud` \`rf`m`j`i`t`i`d`th`k`m`^`g`
H`j` \`n`i`h` \`t`g`r` \` ^`c`j`_u`^`è`_u`^`g` ,`^`g|`i`r` \`ò`
u`h`tr` \`e`^`i` \`^`ti`d`U`^`ù`n`h`]`¼`ud`n`i`h`y`b`À`h` \`t`g`(
r` \`b`_ud`f`j`g`df`k`j`_`ù`n`f` \`_`è`^`ti`ij` ^`d`

K`m`f`ò`f`p`e`¼`k`r`t`^`c`j`ò`m`k`d`¼`j`_`k`j`i` \`_`r`p`_ud`m`p`g`ò`
d`ù`r`n`ù` ^`up`À`h`nd`¼`u`n`ù`t`^`j`i` \`k`j`h` \`b`e`^`g`_ud`h`
f`ó`m`t`_u`|`d`m`g`l`m`d`¼`ù` `ij|`j`d`¼`^`u`/`n`j` ^`d`¼`f` ,`ur`d`u`i` ,`
u`ò`j`m`i`d`h`ij`|`d`g`k`n`ù`b`j` `t`^`d`J`k`n`À`h`nd`¼`k`f`p`nd`
u`j`n`ò`i`d`g`f` \`m`i`h` *k`r`t`^`c`d`ò`m`*i` `p`j`g`b`d`h` `k`j`i`dr` \`
ø`r`^`u`i`d`è`r`d`_ud`À`h` \` \`f`j`i`ò`h`k`g`è`^`è`i`d`è`m`è`(
`ti` ,` ^`d`f` ,``j`k`j`h`t`g`j` ^`d`J`_`f`_`ù`^`u`À`h`p`tr` \`
u`ij`_ud` \`h`d`h` \`_`t`ò`^`el`j`ur` \`ij` ^`d`h`d`À`h`k`m`t`è`h`(
ij`]`t` `r`d`_f`d`h`f`d`f`p`i`è`|`è` \`m`ud`è`u`_ph`dr` \`e`^`t`^`c`
k`m`h`d`i`)
G`^`è`_`ti`t`i`è`|`è` \`m`ud`è`i`d`ur`t`f`À` \`g`h`i`ò`
ò`m`k`d`i`è`f`d`f`d`_tf`j`g`df` `r`d`_ud`À`h`)
R`d`_ud`g`l`h`t`
u`|` \` \` \` \`i`è`|`è` \`m`ud`è`i`d`ù`r`j`_i`th`d`k`m`r`d`tr` \`g`
i`th`è` \`g`^`c`j`_ud`j`r`f`p`ò`d`^`ti`i`d`d`h`r`k`r`t`^`c`j`ò`m`k`d`i`
è`m`k`j`^`up`^`d`k`^`è`i`ò`j` \`p`ò`i`è`^`u`i`th` \`_`j`k`r`j`r` \`i`th`

***J`h`à`g`r`f`j`k`d`...`j`m` \`n`g`b`i`è`h` \`_`t`ò`^`el`k`m`f`ò`f`j`r` \`i`è`k`m`ù`r`n`è`j`_i`dè`h`d`i`t`(
f`y`r`f`ó`m`t`r`k`ò`p`e`nd`r`r`y`ek`k`f` \`|`t`r`tr`j`À`h`d`i`t`u`i`t`ò`n`i`n`#`k`m`k`ò`p`h`)

ur duf p' u' o' n' k' p' o') R d m' ¼ ' k j k m' u' j _ \ i d' h' (
 _ t' o' ^ e' l' p' r \ i j ^ d' _ j _ e' h' t' f' j' g' e' t' \ p' o' i' e' ^ u' i' t' d' _ j (
 k \ n' j' r \ i' t' u' r' d' u' f' k' \ ^ e' i' o' : . u' n' h' t' h' i' j') ^

P tr \ e' ^ k' i' j' r' o' e' f' j' i' o' h' k' g' ^ e' l' p' r \ i j ^ d' ' h' j ' n' u'
 k' m' k' i' j' b' n' h' j' r \ ' r ' r' j' d' h' y' u' b' p' ^ d' f' d' u' r' d' u' i' ' '
 u' m' g' ^ e' h' d' d' o' n' k' n' j' i' \ g' t' h' d' d' u' h' d' i' d' r' j' e' ' t' d')

F' r' d' f' \ o' ' r' t' e' i' d' ' _ g' ^ u' b' j' d' e' f' p' t' r \ ' h' _ t' o' ^ e' l'
 p' r \ i j ^ d' e' f' j' k' i' j' r' o' b' j' ' k' n' t' e' u' i' ' b' j' k' j _ ' e' ^ d' _ j' k' m' i' (
 n' o' r' d' i' d' h' y' u' b' p' \) t' o' r' j' n' t' ' g' k' n' u' ' u' _ r' j' r' n' u' '] \ m' u' d' e'
 r' j' h' \ i' e' ^ u' i' ' u' r' d' u' f' d'

G=989A ?CFNM7=√K MCC?⇒, C B5D= 7-5†

K' m' i' h' t' g' g' 5' k' r' ^ c' j' g' _ u' t' i' j' u' r' j' e' r' d' h' y' r' d' j' d' i' j' o' t' ^ c' ^ ^ (
 ^ c' \ ^ c' ' r' d' j' ^ u' i' t' ^ c' p' i' g' _ u' d' f' o' y' n' t' h' d' g' l' u' r' j' r' ' ' n' i' m' ^ u' (
 i' ' m' g' ^ e' h' d' u' t' g' _ u' f' d' r' _ u' d' ^ d' m' o' d' : . ^ ^ c' t' o' ' r' n' y' (
 ,] \ m' j' _ j] m' _ g' ^ u' j' g' j' ^ d' e' ^ c' g' _ u' d' _ j] p' _ j' r' \ i' d'
 u' _ r' j' r' t' ^ c' u' r' d' u' f' y' r' ' _ j' r' j' n' h' ' t' ^ φ)

< o' n' u' i' g' 5' o' n' h' ^ ^ c' t' j] n' i' m' j' r' \ i' ' n' j' p' i' g' _ u' d' f' o' y' (
 n' t' k' n' f' e' f' p' e' j' p' r \ i j ' . . k' g' n' _ j _ d' f' j' r' ' ^ ^ c' t')

D' i' \ u' f' j' ^ u' i' d' 5' i' \ e' j' r' n' u' '] \ _ \ i' d' i' \ p' f' j' r' ' ' ^ j' n' u'
 ^ u' ¼ ^ d' e' k' j' f' \ u' p' e' ' ' ^ ^ c' t' o' ' n' j' k' j' r' d' u' i' ' u' j] n' u' n' h' d'
 h' y' u' b' p' f' o' y' m' i' h' d' i' d' e' j' n' d' r' ^ a' f' ^ d' h' _ t' o' ^ e' l' p' r \ i j ^ d' ' ^

R' o' n' f' ^ d' k' n' t' u' h' j' d' h' d' k' \ ^ e' i' o' h' d' d' f' j' i' n' p' g' ^ e' l' u' i' d' (
 i' t' h' d' k' r' ^ c' j' o' n' k' p' o' h' d' j' _ f' m' h' ' d' i' \ e' j' \ m' u' d' e' p' t' (
 o' ^ u' i' t' h' ' r' k' j' r' j] \ h' ' h' t' g' i' d' j' ^ c' ^ c' ^ c' ^ c' ^ e' m' o' k' j' b' r' p' (
 k' j' r' \ i' d' d' c' r' ' r' d' _ h' i' \] t' o' ^ c' p' h' d' e' o' j' ^ d' H' j' ' n' u'
 i' j' u' r' e' o' ^ u' j' g' j' ^ d' r' ' r' j] d' d' r' ' r' j' d' h' y' u' b' p' ^ e' f' j' ' '
 r' t' _ e' j' n' d' ¼ t' ' i' \ e' f' p' o' ^ u' i' d' e' u' t' h' d' r' ' o' r' j' m' i' φ' d' k' j _ (
 o' n' t' h' t' r' \ i' φ' u' _ r' j' r' t' ^ c' d' n' u' ¼ g' t' ^ c' u' r' d' u' f' y' r' 5

- ,)Fdjrj \i d`m`f`^è`h`d`r`j`è`b`j`j`r`h`i`d`h`p`
-)Mbp`g`^è`σ`j`è`è`j`_`k`j`r`d`_`u`d`i` \`m`n`^`c`
- .)J`_`k`j`m`j` ` `h`j`^`g`i`^`g` \`
- /)@`g`n`^`u`j` `m`f`^`e`l`
- 0)R`b`g`_`#`h`j`k`j`u` \i`d`\$`
- 1)@`h`k`^`d`d`u`b`n`i`d`..`u` `r`j`]` ,` `d`u`d`i`t`h`d`
- 2)U`h`d`i` \`k` `m`k` `f`o`r`t` `u`z`è`f`i` \`z`h`t`f`

K`j`h` \`b`è`_`^`r`j`d`h` `k` \`^`è`i`g`h` `j`]`n`m`p`e`/`o`f` `d`g`o`t` `r`k`A`r`i`j`u`r`j`ø`t`^`c`n`d`_`h`ø`p`h`d`è`j` `^`d`i` \`d`o`m`f`^`è` `u`d`i`t`h`d` ` `i` \`u`r` \`h`è`f`j`n`t` `^`d`h`d`z`r`t`r`j`f`d`b`j`i` \`k`d`è` `^`d`f`]=`¼`u`d`h`t`è`k`j`u` \r` \ `r`_`m`p`b`d`è`u`/4`^`d`o`è`f`n`d` `f`d`
 K`r`i`t`^`c`d`o`n`_`m`?` \i`d`g`N`b`g` \]`r`j`g` `i`o`C` \`m`p`d`f`r`i`
 k` `n`o`r`_`u`d`_`u`d`d`r` `^`u`r`i` `b`j`k`m`r`d`u`i`d`è`f`j`k`d`m`n`t` `p`r`d`_`j`h`d`h`d`h`i`d`i`d`k`j`r`d`u` \`k`j`h`d`¼`u`t` `^`c` \`m`f`o`m`
 n`o`f` \`h`d`k`j`h`t`g`j` `^`d` .p`_`j`f`p`h` `i`g`r` \i`t`h`d`d`i`d`_`j`j`_`
 k` \`m`d` `j`]`n`m`j`r` \i`t`h`d`p`g`_`u`d`f`o`y`n`t`_`j`n`n`o`g`r` `u`r`j`h`
 r`t`^`c`d`k`m`t`è`u`i`t`^`c`m`g`^`è`^`c` ` \`u`h`d`i` \`h`d`r` `r`o`p`f`ø`n`^`c`
 h`y`u`p`d` `^`d`f`^`c` `i` \`m`k`p`è` `^`t`h`d`p`k`m`f`o`f`p`è` `^`t`^`c`h` `(
 `t`o`^`e`/4`p`r` \`i`j` `^`d`J``o`b`j` `^`u`r`p`j`]`n`m`p`e`/4`à`f`o`k`j`
 σ`d`m`j`i` `k`m`u`h`j`è`k`m`f`o`f`¼`k`r`i`c`j`g`b`d`u`i` ,`r` `t`^`c`p`
 r`j`d`h` `h`j`d`c`k`m`t`è`^`d`/4`j`n`u`r`n`k`y`A`n`j`r`i`d`f`y`r`)>`c`^`¼`
 ` \`t` `r`j`r`i`d` `u`o`b`j`r`f`j`n`t`r`o`A`

> NMP`DFC; F5ACK5B=5`K`H`D`?`G`= 79

K`j`_`u`d`g`A`h`d`/`f`n`d`f`¼`i` \`o`n`t` `^`u`/4`^`d`R` `f` \`_`è`u`i`d`c` `i` \`p`^`u`/4`^`d`4`r` `k`m`t`r`o`k`i`t` `k`j`h`j` `i`t` `n`k`j`n`y`]"`_`g`^`u`b`j` `σ` `y`è`h`y`u`b`k`m`^`p`è` `o`f`" ` \i`d` `d` \`^`u`è`b`t`_`j`^`c`j`_`u`d`j` `f`j`i`o`f`o`r` `u`d`i`t`h`d`U`j`]`¼`u`d`n`i`d`j`m` \`^`è` `d`i` \`m`/4`

_ud''_udhdfóymh'pr jg du nd/4_ 'nòtr^c' r uj mýr' u^cjr \ ''\ 'or j è mng^è' u di th dnòì , nd/4_ rjr nu' d tr nu')

R' kdmnu' è^u/4^dfnd_ fd#Ujuph di d'or j è bj j] \ ^ (i' bj' è^t f \ 'k j b m h j r \ i d) 'K m _' i j u k j ^ u ^ d h i \ k n h (r t ' k j r n u' / 2 n d / 2 u \ k j u i \ ' u' d m p f ^ e' j] n p b s' _ j r d n i n d / 4 _ g ^ u' b j ' o r y e h y u b ' u i \ g u ^ n d / 4 ' o p _ i t h k j ^ i' p' r' f o y m h è m o n n u . : è f ' o r j è i \ e ^ u' i d e u i _ j r d _ (^ u i d ' u h d j ^ d ' k m t r d u i d h ' d m g ^ e h d z u \ k j b m h (h j r \ A' f o r y e h y u b è f' f j ^ c \)

B_t' e p'] 1/4 u d n i r d _ u d ' r d 4 e j ' o h ' r f , _ r u d A n d / o r y e j] \ ' i t k j b m h ' k j h j b / 4 d u \ k j u i \ ' n d / 4 u k j _ (n o r \ h d i ' p r j i \ i \ g h d j # \ ' u k \ i d d i K m k j r \ _ u d h ' z e u 1/4 k n j i , f o e g f ^ e j ' h y u b ' u p _ u d A h _ u d n d o f ' g _ u d f o y m t ' u l u r t ^ u l e r t o m i n u l e j ' u t ' i \ \ _ r d e i n j r \ i ' p r j i \ i \ g h d ' d r n t r t j i d j t g l n u' / 4 g t d j _ (f m r n u' \ ' i d è n o g ' r ^ g ' o f d r f j h k g f j r \ i \ ' d i p _ (i \ \$ D j o ' è m o k j u \ i d ' k ' r i t ^ c ' k j _ n o r j r t ^ c ' a f (o y r j ' n o p f o p m ' d k j A ^ u i d ^ c ' r ' h y u b j n u r k j r j] p' r ' è f d r k A r \ e j i \ ' i \ ' u r d u f d = _ u d n u h y b A r o _ t u j u p h d '] A 4 t r t n o k p e ^ r ' o r j d h ' k j b m h d ' j n u i g ' è f , i j g j _ b r t r \ e j r ' k j j] g h \ ^ c ' r ' o r j d h ' u r d u f p d e f k j r d d i r t b g _ \ k g i ' o r j e b j i j r ' b j k j b m h p) R d u d A h ' n u k j ' n u ' è f '] \ m u j ' o j _ r j] d \ r d _ u t p A o r d ' k j n p ^ i d ' n o t r ^ c ' i d k m t _ \ o t ^ c ' n k j r j] y r ' h t g i d j r j] d ' d k j j] g h \ ^ c ' r ' u r d u f p ' f o y m ' k n j] j (r \ A ' r j u r d u \)

> u/4 ' _ n p b \ # U j m o ' r j d h ' r A n i t h ' k j b m h d o) B A r i \ ' ^ ^ c t ' k j b m h p ' h d j ^ d d e f ' e ' r u h j ' i d S g ' h j h ' i o ' b _ t ' n h ' u f \ n p e n u n h \ r t ' d u] d m n u i n d / 4 _ j ' k j b m h j r \ i d) K j i d r \ ' ^ c ^ d A] t h ' \] t ' j n d b i , A

knr _ut `d _p b j o m \A` f j m t ^du o b j ` `j `i \k d \A h ` i \ f j g e t ^c m o j i \ `c `o e f n d f d `u ` ^t _j r \ i d `k j g (^h ` ` \] t `u `u `A j _ r j u _u d \A `k d m n i b j `d k m ^u t o A d / 4 r n d f 1 / 4 r ` ^A `d d k j `f j g d `R d h ` ` `r t] m i d `d (o m r p e `t ^c ` ^d / 4 r j u _u d \A r `d e `c `f o m `c ^ `n u j h d , ` h j ` `] t `f p n u ` ^ ` `g `r t k n r \ `o `k m i d r d ` _p j `r d e ^ e f j m t ^d e `g l] 1 / 4 u d n u k j n p r \ `r d / 4 r j n f k j `f r j n f p)

N f j i m o j r \A h ` d / 4 r n d f 1 / 4 o f ` ` \] t `f j m t ^d e f d ` u t r f \ n u _u d \ i d `r d u `i d `h ` _u d \A `k j i b m r t r i d ` . . . f \ _ `u i d c `e n o r r k d m i \ `k m i u o ` `f o m `k j e r d e ` r d / 4 r ^u `i d e ` `o `k j e r d e ` ^ `r d / 4 k y `i d e r u h \ `i d e ` o `k j k m _i d) O f ` `n h j `e f `] p _j r \ i d ` _j h p `d u d ` r k n r `i d e `b _t `u ` ^u t i \ n u j _ `a p i _ `h `i o p `d h `g ` _t `u ` i d `k i d n u `r d / 4 u `b y m ` M u _u d \A `r ` ^u / 4 ^d _m p b d e k j (r p r \ e `r d / 4 k j k m u j k j i b m h j r \ i d `o r j e b j `h y u b j _ ` _j \A _j b y m . j _ `o r j d c m g ^e l u n h t h i j] , _j m g ^e l u d i t h d

I \ `k m t f A _ `j h y r g i ` `r ` ^u / 4 ^d _m p b d e _j r f j i \ (g i d `r d / 4 r `] t ^p `r d _j h t h `m `f ^e l r j e b j ` ^d A `i \ `r d o u `r i 1 / 4 m i t `d m b p g r \ i p `d c ` ` _e ` ^d k j _m o r t ` _j ` _g u t ^c `f r j f y r 5 u j u p h d i d `d j k \ i j r \ i d `i \ e] \ m u d e `r t f j g e e ` ^b j `u r d u f d p ^u p ^d ` . . . m m ^c p) B _t m m ^c `i d] 1 / 4 u d `e p `k j r j _j r \A r \ m d `r `o r j (d h z h y u b p m g ^e l f `u t r f \ n u j _k j r n j `d] 1 / 4 u d n u b j o r ` i \ r j ^f . i . r j g \ `u r n u t n f d h d k j u m \A h d `h j `e h d) ` ^j ` _ ` ^d r y r \ u n r d a n t `r t] y m i n u m i b j `u `n o r p ` u _r j r n u t ^c m `f ^e l) d) k j k m u r n u t n f d f j m t ^d r t (r j f d b j i \ k d 4 d)

I \ `f j `p `f \ _ `b j `r j u _u d \A `r ` ^u / 4 ^d _m p b d e # l i \ `f j `p ` ^u / 4 ^d o m ^d e S u i \ e p e `r d / 4 r d u `i d `h ` _t o ^e l p r \ i j ` ^d U i d `k m `e _u d n u _j `i \ n o k i `b j `r j u _u d \A `

r' a h h j h ' i ^ d : [g] ? g ^ u b j u l ^ u ' A h ' o m ^ d n A r j g l
r A i d ' o m u ' b _ t _ j o n A h _ j o b j j f m g i ' b j k p i f o p '
r ' h j d c k j r d k ^ c :

R ^ u / 4 ^ d o m ^ d e # H \ n u ' i ' m d s r t e i d / 4 ^ d ' e f ' j] (
n p b d \ ' d p o u t h \ ' i j r t d p g k n j i t k r i b m h j m u e f '
m _ u d ' r j] d ' u k m i n f j _ \ h d ' f o y m h j b , ' r d / 4 k j e r d '
b _ t] 1 / 4 u d n i t ' k ^ A d e r ' r r j d h ' p h t g ' d r ' r r j d c '
u r d u f \ \ ^ c) R r f \ 1 / 4 ^ d n y r i d ' u e f d c ' n y _ A h j ' n u
i \ p ^ u t ' n d / 4 r d 4 ^ e d u _ j] t ' r r k \ m d ' r A ^ u e _ ^ r ' g 5
\ n r f p A ' f r n d f d d D o m ^ o

R d g p g _ u d u f o y m h d k m ^ j r \ A h ' u r n u ' r d _ u d A '
' h _ t o ^ e h j ' '] t ' _ g ' i d c _ j] m ' \ g ' \ g j ' i d t '
i d _ u _ j] t g l r d / 4 \ ' g '] t ' r k n y] j r ' \ ' \ g j ' k m f o f j r \ g l
e ' g ^ u i d t ' i d ' k j ^ u p g l i d u b j ' k j i _ \ u r j r t m g f n '
E _ i \ f k j k m k m ^ j r \ i p u i d h d e f d b j ' ^ u r p ' k j u i \ (
g l m ^ u t ' f o y m ^ c d a n y r i d ' n d / 4 \ p ^ u t n u k j k m ^ u t o (
i p o e f m d f d . u r j u p h d g l ' \ f j i o h k g ^ e h j ' h d '
_ j] r j ^ u t i i t r k A r) U r j u p h d g l e f d r k A r ' h \ h _ t (
o ^ e i \ \ u h d i t r ' d c h y u b ^ c j m u i \ \ t ^ d h d n i ') '
U _ ^ t _ j r \ i \ r d f i n j ' u i d c k n t u i \ A ' d m b p g m '
r d u i d ' e m] \ m u d e a n ^ t i p e _ ^ ^ d] \ m u d e k j h j ' i '
i d k n t k p n u ^ u g l

? m N m i G u m i ' p r j g b] \ _ \ e ^ t ' i \ C \ n q \ m u d '
r k A r ' h _ t o ^ e d p r \ i j ^ d i \ \ h y u b ' k j r d _ u d A 5
z l \ e j \ m u d e u r f \ f p e ' h i d r ' a ^ c] \ _ \ i d ^ c ' g ' e f '
r d g p u \ r \ i r j r \ i t ^ c k m f o f y r ' d i \ p ^ u t ^ d g l h ` (
_ t o ^ e d o d m u d ' \ n ' u h j o r j r \ i d _ j ' f j i o h k g ^ e d
r ' j f m r d ' b _ t d c r o m i d r t _ \ e _ r d / 4 k j r _ \ u d _ j i d
f , _ f) E f o d m u d ^ u t m g ' e e h y r d 5 z f d _ t ' h t g A h '
' h \ m p e / 4 r y e ^ u r i ' k j i d r \ ' h y e p h t n A] t A] \ m u j '
r j u k j r n j i t) G ' h d i d u h d m d ' k j h \ b ' ' k j i d r \ ' k \ (

hdoh'èf' d'jò`n`ò`uh`di`tf)Nh`h`d`Ah`d`i`(
 α`u` `j` r`d`_`u`i`d`..`À`σ`j`nd`/`kj`__`r` `À`h`'`_`j`k`ý`d`
 i`d`j`_`f`m`À`h`k`j`_`À`u`i`d`h`_`t`ò`^`è`u`i`_`p`r`j`i`_`p`f`_)F`d`_`t`
 n`À`nu`/`kj`_`j`i` `r`tu`i`d`j`_`h`j`d`c`k`^`è`i`ó`r`'`è`m`h`
 kj`_`f`r`t`ó`r`i` \)

E`f`u`r`n`t`n`f`d`h`'`^`j`r`_`m`ò`u`^`c`j`_`p`'k`m`k`j`b`n`h`j`(
 r`i`d`_`σ`j`è`b`j`_`h`ý`ub`p`_`j`_`ò`b`j`_`r`j`_`u`è`p`_`f`j`i`_`ò`h`k`g`^`è`
 r`th`b`b`r`k`n`r`_`t`d`u`i`b`j`r`i`d`d`E`_`i`_`f`k`m`f`j`i`_`n`i`
 nd`/`4` `f`j`n`t`^`d`h`i`_`i`k`n`r`_`1/4`_`m`ò`m`m`)E`_`i`_`ú`r`_`t`(
]`d`i`t`^`c`_]`_`_`^`u`r`_`i`_`ò`è`_`u`d`_`u`d`d`'`_`m`M`f`c`_`m`?`_`^`q`d`(
 r`j`i`'k`j`r`d`_`u`d`À` `n`j`r`j`r`i`d`h`_`t`ò`^`è`p`r`_`i`j`^`d`
 `j``u`h`d`i`t`_`h`j`^`g`i`_`g`t`^`c`_`z`p`n`ò`r`d`_`à`)_`m`^`u`i`t`^`c`f`**
 r`_`σ`j`d`h`_`h`ý`ub`p`i`d`è`m`^`u`h`_`'`^`j`_`u`è`h`p`è`r`d`g`_`g`ò`..
 u`^`u`i` `f`j`n`t`^`d`h`j`i`_`j`r`j`b`i`_`_`p`_`i`_`^`k`_`j`_`u`_`d`p`)
 H`j`d`h`i`_`è`d`f`n`u`h`k`m`b`i`d`i`d`h`è`m`^`j`t`_`i`k`n`r`_`d`j`(
]`d`_`ò`i`k`m`u`i`_`ò`..i`_`k`d`_`À`h`_`ò`/`f`m`_`f`1/4`_`]`t`k`j`h`ý`^`d`
 ó`j`r`j`b`i`_`)

H`i`d`h`_`h`' `h`_`n`u`j`^`c`j`d`/`#`]`t`_`h`j`_`è`m`_`ò`_`j`n`r`f`1/4`
 u`i`d`^`d`n`g`l`g`i`t`\$`p`_`u`^`u`)`B`_`t`]`t`_`h`_`t`_`ò`n`u`i`nd`_`u`d`g`l`
 n`u`h`'k`n`r`_`j`k`_`j`]i`d`_`n`k`_`e`n`_`À`]`t`h`_`i`_`^`d`]`d`_`^`d`(
 k`À`_`p`_`h`d`^`c`i`_`1/4`_`n`d`/`r`_`u`d`_`j`_`_`^`c`_`d`k`j`r`d`_`u`d`À`_`j`_`
 ò`f`d`b`j`_`5`z`_`_`j`_`_`^`c`f`_`#`_`À`_`j`_`f`d`r`d`h`_`\$`I`_`n`ò`k`i`_`_`m`i`(
 ^`u`_`è`f`_`]`t`h`_`k`j`r`d`_`u`d`À`'`]`t`_`]`t`_`j`_`r`_`n`t`_`g`_`5`z`_`u`_`(
 ^`t`_`j`r`_`_`À`_`n`d`/`i`_`d`/`b`y`m`f`_`_`r`_`t`k`n`r`_`1/4`_`G`_`_`σ`j`è`r`_`t`k`n`(
 r`_`d`è`m`_`_`f`r`k`_`m`h`_`j`_`_`ò`è`b`y`m`i`..i`_`r`_`ò`è`_`g`l`è`n`u`^`
 j`_`ò`h`_`i`d`r`d`n`u`)_`K`j`_`h`_`t`_`g`j`_`h`i`d`_`è`f`_`j`_`N`u`i`k`_`..è`_`i`_`t`h`_`
 u`_`j`_`r`d`_`_`j`_`i`_`t`^`c`_`k`m`r`j`_`i`_`d`_`y`r`_`r`_`C`d`h`_`g`è`^`c`)_`>`c`j`(
 ^`d`_`i`_`d`_`t`_`i`d`_`u`j`_`_`_`_`À`h`_`_`σ`j`è`è`b`y`r`t`i`h`_`h`_`u`^`r`j`]`_`_`g`ò`

***Nokj d'ò..i b'bi`α`u`d`j`f`m`g`i`t`k`j`u`h`n`u`i`d`^`d`'`_`j`_`f`ó`m`b`_`k`j`r`n`^`n`u`k`i`
 k`j`u`d`r`i`t`^`c`_`g`]`i`_`b`d`r`i`t`^`c`_`j`_`r`d`_`u`i`d`^`c`_`h`j`^`g`i`_`g`t`^`c`_`#`k`m`k`_`ò`p`h`)_`\$`

j r d ^u` r ` r kjr _u i φ g_ u d i \ ` d c n r u t α) Kj (
 n d _ \ h n r i d i \ g k n u i \ m / 4 u d d o ^ c i d d f o m ^ d
 k j f \ 1 / 4 d e n r u m ^ u j m o d d ' \ g i \ e \ i d e u \ ' h \ h '
 \ p o i d ^ u , d n r u m ^ c 1 / 4 ' \] t ^ d k j h y ^ f)
 R ` f j ^ p ` g ` a j e ` k j _ n y) E ` g l e n o ` b j o r ' '
 r t p n u \ e h t)

FCN8N5 ý %

K 7N9GB9'8C K =587N9B=5 ·
K 'NK = N? 57<

ZWIĄZANE Z HIPOKAMPEM

B_t']tÀh' _ud^fdh''hjè'h\df\'kñj]r \À'fji o]g (r \ 'g''^j jbg_ \Àh' r 'ògr dèl'ù' ^j 'òmùèfj 'rj_ ud' èròh' i'èer_ ud' u')'E_i' f' i' df' óm' j' b' m' i' d' u' i' d'] t' À']' u' n' i' m' p' ..i' \k' n' t' f' À_ ' n' m' g' H' \m' p' n' R' `g' t' j' ' h' ,_ r' t' h' ' r' ò' r' t' h' ' g' f' \m' p' r' j_ ud' i' t' h' ' u' p' k' m' è' t' h' ' i' \r' ò' r' d' i' d' h' _j' r' r' j' d' c' k' \^è' i' ó' r')? j' _ud' d' e' i' d' ' h' \h' ' k' j' e' d' ' _g' ^u' b' j' k' m' è' j' r' \À' n' d' \d' f' i' d' n' u' f' j' _g' t' h' k' j' b' n' h' ' h' :. k' j' h' d' (e' ^' a' f' ó' ` ' h' \m' r' d' \n' d' r' n' t' r' f' d' h' ' \i' \e' j' \m' u' d' e' n' g' ^' e' (h' d' u' d' i' t' h' d' g' _ h' d' r' ' d' h' ' r' i' d' ' d' h' d' u' ' h' i')

E' e' k' n' i' d' i' d' `h' j' ^' e' i' \g' `b' j' k' j' À' ^u' i' d' r' k' A' i' 1/4 i' \n' k' j' n' y']' r' `e' f' d' h' y' e' h' y' u' b' j' r' ò' A' \k' j' b' n' h' j' r' \i' t' i' \n' g' (r' p' i' f' d' h' d' \u' t' g' _u' f' d']' \m' u' d' e' i' d' `e' f' d' j' g' d' f' k' j' b' n' h' ' ò' g' r' d' t' é' t')

Dj' è' m' i' \e' \ i' d' e' u' i')

Or' j' è' k' d' m' u' _j' r' d' _^u' i' d' r' 'f' j' i' d' f' d' ^c' u' g' _ (h' d' ..ò' f' ó' m' _u' j'] t' À' _u' r' j_ ud' \h' d' ..h' e' _j' b' j' h' i' t' r' k' À' r' i' \ 'g' ' `e' f' ' r' j'] d' m' _u' d' u' r' 'u' r' d' u' f' \^c' k' m' i' u' ^' À' t' d') M' g' ^' e' ' k' j' h' d' \u' t' ' o' r' j' d' h' d' r' j_ ud' \h' d' \ 'g'] , _ud' (À' e' _r' f' r' m' d' ' d' j' _b' r' t' r' \e' _r' \ i' , ' r' j' g' \r' ' k' y' i' d' e' u' t' ^c' h' d' j' r' i' t' ^c' m' g' ^' e' ^c' u' k' \m' i' `m' h') G' f' ^' e' ' u' r' ^u' r' i' ' b' j' _ud' ^d' m' r' \n' _ò' f' ' b' A' j' f' j' d' h' j' ^i' j' u' f' j' o' d' u' j' i' ' ^u' f' r' j' _g' ` ` ` f' j' k' j' u' i' \n' u' ' r' d' _j' h' j' ^d' ' ` ' r' n' t' r' f' d' h' ' i' \h' è' m' i' d' u' r' t' f' g' ' o' p' _i' j' è' k' m' i' u' r' t' ^d' t')

? nGj pdi > j u j g l j ' è m f g l d u i t h ' k r t ^ c j g b d h '] \ (
 _ \ e ^ t h ' d k d u j ^ t h j ' i ` p r j i \ p ^ ' ' u r À n u \ u j ' o h ' è f '
 i \ n u h y u b r k À r \ i \ i \ n u ' u r d u f d # d q ' q m \$? j ^ (
 i d h è b j ' è r i ` r t è i d i d 5 z k j i d r \ f o g \ k d m n u t ^ c '
 g o t ^ d ' g ' j f m n] p è ` b j i j u r j o p h y u b p ' r ^ u n i ` k m i (
 t ^ d ' h \ e ' i d k r j k m g i \ g ` _ p t ' r k À r ' i \ p f n u \ k j (
 r \ i d i \ n u b j p f À _ p i ` m j r ` b j ' ^ j h \ f j i n f r ` i ^ e '
 k m u ^ À i \ n u ' t ^ d f) N f p h p g r \ i ` _ j r d _ u i d '
 u m g ^ e d u r j _ u d \ h d n ' è f ' k j d / a i t ' k r j b n h f j h k p o r j (
 r t ' f o y m u r n u k m ^ p è r ' o g ' o r j è b j h y u b p ' u o q n j i d
 ^ , ' ' i d _ \ n d / a i \ g ' j k ^ e b j j _ d m o g r \ i d)

O i k r j b n h : : g ' è f ' n d / p f À _ \ h d / a u t i \ n u t h d j _ u d
 ^ \ h d \ i \ h d ' g ' u b j p ^ u t h t n d / j _ i d c r ` r ^ u n i t h '
 _ u d ^ d m r d j ' u r d u f \ ^ c ' . . è m i \ u t r \ i ` r ' k r t ^ c j g b d l
 k n t r d u i d h) ? g ` r d f n j ^ d g p _ u d o k t k n t r d u i d '
 _ u d g n d / i \ _ r d n u n j f d f \ o b j n d 5 k ` r i ` d i d k ` r i)

R ` _ A p b] \ _ \ ' i d ' j ' k j i \ _ k j À r \ j n j] _ j n j n À ^ c '
 r N o i \ ^ c U e _ i j ^ j i t ^ c # 0 0 z \$ k m t k \ _ \ i \ z u r j r , f
 f \ o b j n d / a i \ u t r \ i , k n t r d u i d h ' k ` r i t h) D c ' r j i (
 _ u d `] t g r n o i d n b p g n d _ j n j r j r t r \ n d / j i d c '
 f j i n f r ` i o d ' u r k j f \ e e ^ d c ` h j ^ g i \ g ` k j o m] t '
 _ \ e ^ d h ' k j ^ u p ^ d] ` u k d ^ u m r ` \ j ^ c r j i t d _ j] n b j '
 n h j k j ^ u p ^ d) # d f o y m j r j] t u j r t ^ c 0 0 z h j b , h d '
 o f ' u r \ i ` k n t r d u i d k ` r i ` z r t k n j r \ i ` f _ u d h d
 r d u i d h : : o f d h è f i \ n u ' r ' o è f n d ^ \$

G j ^ u t r d ^ d j u i \ \ u ' ` k j u j n d / O z g p _ u d d h d (
 À f j i n f r ` i o ` e ^ u p À e j ^ c r j i t k n t r d u i d k ` r i ` (
 b j) R ` n u p g ^ d k j n d _ \ e ' i d k ` r i t o k k n t r d u i d)

J n j] t o ` u r t ^ u e r t f \ u p e j n j r i d ` \ h] d ` g i d
 i ` * i d r k j f j è ` p ^ u p ^ d ' è ` g l ^ c j _ u d j n u p f \ i d k j ^ d (
 n u i d d] g l f j ^ d # c ^ , o b j ' \ g ` è _ i j ^ u i d k j m m i (

b\ē 'g' ēfj mufj r i ` \$' knbi , uh d dh \glj r \] , _ .
 ò ' ^ \Ajr dd' pi di , ' ur dufyr) Mur dē 'ōi mōg
 kntr dūi d'] j ' g' i \ē knū ' kntrōj r j r \ i d' _ j ' dē
 rj_j r df \ ' r ' dōf dn h ' nkj n] ' ēf' g_ ud h dnuf \ē 't
 r ' ip] \ r fō ^ u t ^ c m b j i \ ^ c kntrōj r j r pē_ m d kj km ū
 nkj tr \ i d' _ p t ^ c d j ^ dō p rō b j ' ē _ u i d' ' j ' kj ur \ (
 g' dh r tō \ m \ _ j _ d f j r \ ^ d k A ' r ' r j dh ^ d g' j m u
 i j n ū i d ^ d k A ē j _ ud t d r t k d i d] g f j i n d] d)
 ? g ^ u b j ' r d _ u ' j ' r ^ u r i t h ' kntr dūi φ ē mō f .
 r \ i \ :

Kj i dr \ 'ōk kntr dūi d' ēf d j r d d h t r ' _ ud (
 ^ d m r d ē m i \ e u / 4 ^ d e o n i n f ^ e ' i \ \ ^ A ' t ^ d) R k A (
 r \ i \ i \ n ū ' d ò m f ^ e ' u d i t h d j m u k j m m b i d i \ n
 n h t ^ c ' r ' ur d u f \ ^ c ' d ' ē f f j g d f ' i d ' ^ c ^ d g] t h t
 r ' g ' r d m t ' m p p e ' i \ \ 'ōk k \ m ' n r ' ē f d c ' k j ^ d b (
 h t d e ^ t k j ^ d b e ' i \ n) U] t o ^ u \ n j j f \ u p e _ m d t _ j (
 f A _ i d ' ò ^ t ' ē f d c ' i d ' k j m] p e h t ' k j h d j ' i \ n t ^ c
 i \ ē g k n t ^ c ' r t n f y r)

B=9'7< C8N=C '8=7? 9BG5

B_t r t è i d h ' g ' r j d h ' k ^ è i g h ' i d h \ g ū r n ū ' .
 n A n ū z l d n _ u d ū ' ' g ' r n t r f j u] t o _ m h \ α ' u i ' : .
 R ' k j m _ f p ' i \ k j _ n r d ò b j ' j ' h y r d u ' k n r _ j k j (
 _ j] i d ū g ū h ' m d _ j f \ o b j n d i d k ' r i ' ē ' g ' g ' i d
 è mō f ' ' h j ē _ ud ^ d m r j] t A ^ u t h ' r r j _ u φ J g l
 q m Or d o f)

I d h y r d j ' o n p h \ α ' u i t h ' j f i n k i t h _ ud ^ d m r d
 d m n ū i t ^ c ' u A ^ c r j _ ud \ ^ c) < φ ' i \ k ' r i j i d k j k d (
 m h j n] j] r d d e ' t ^ c ' r j e ' h \ f d d j e y r ' j ' r n t r d

fj''^j k'ý i dei d'r t^cj_ udr 'dc'r Àri th' t^φ)E_(
i \f àf d' n' òfd'' ^u/uj ur tfÀ' km' ^d'ò' kntr d(
uìd i d'rk' À d' j' u' f d' \ 'u' rjrt'^c']' ukd^u t^c'
ur dufyr' f'òm' ^c^ ht' m' jnt' k'ý i d'ér' i \nth'
t^φ) #U h ¼ h ^u/uj ht' g'g'ht' j' òh'' \] t' u' À t'
_udi i d' j' kdpe' ^t' r' ntr' d' kntk\ f' d' f' d' t' rk\ kmg'
ht' ^j' 'èf' j' rj_ u d' \ \ i \ m' ki d' k'j' k'j' n' p' km' f' u' \
bj_ u d' g' h' b' t' _j' rj' n' i' ' h' yr' d' ^5zH \ nu' g' u' \ ^u' d'
pÀ' d' u' \ i d' o' j' èh' p' ònk' p' d' f' s'

Kj rd_ i d' i dk' r' i' 'bj' ' d' k' p' kntr d' uì d' i d' è' m'
nr' i j' u' \ ^u' \ ' u'] t' ^d' h' i d' r' kn' r' i' th' ' j'] À f' \ i' th'
_ u d' i' th' ' g'] j' u' \ ^j' i' th' ' èf' , ' d' i' , ' òf' d' d' , ' f'òm'
u' g' u' \ n' d' ¼ j' r' à' m' z' k' g' g' b' d' f' d' k' m' r' k' \ m' \ i' h' \ ^À' d' h'
rk' j' rj' ^d' r' k' d' i' d' ' u' h' d' n' u' i' d' ' d' u' b' r' t' u' j' o'

Kntk\ onht' n' d' 4? d' i' ' 'rk' À g' i' ' èk' d' m' ^' r' ' r' d' f' p'
j' f' j' À' ont_ u d' n' p' k' d' 4 φ' g' o' h' \ e' ^' èk' j'] g' h' t' u' \ ' u' \ (
g' u' d' i' d' h' ' à' ^' d' ' u' f' o' m' h' ' h' j' b' À'] t' u'] p' _j' r' \ ' u' r' d' u' f')
= t' À' r' ^u' i' d' èh' ¼ d' f' , ' d' i' j' u' r' d' _À' n' d' ¼ k' j' _r' p' _u d' m'
^') z' f' j' g' ' i' d'] t' À' j' f' r' j' k' i' t' f' . . k' j' r' d' _u d' À' . . z' g' ^d' 4 f' j'
] t' À' ' b' j' ' u' _j' r' j' g' l' d' u' r' n' u' ^u' p' À' h' ' ' ' è' b' j' k' m' ^'] t' À'
i' \ k' d' m' n' t' h' h' d' e' r' p' \ ' è' i' \ _m' b' d' h' f'

E èj' n' u d' \] t' g' d' o' g' b' i' o' d' d' j' _i' j' n' g' h' p' ^' n' t' r' k' m' ^' t'
H' d' f' \ ? d' i' \] t' À' g' f' \ m' h' ' n' u' à' h' ^c' d' p' r' h' d' r' m' i' j' (
h' j' r' \ i' th' ' n' k' o' φ) R' n' j' ^d' _j' k' m' ^' t' i' \ ' k' À' i' ' ' ò' o' . .
z' j' f' j' À' j' n' d' h' _u d' n' d' 4 φ' b' j' _u d' ' d' b' j' _i' g' r' j' f' . . b' t' ? d' (
i' \ h' d' À' _r' \ g' o')

R' k' j' h' d' \ e' ^' rj_ u d' \ ' u' b' j' _i' d' k' n' t' u' \ g' l' \ ' ' o' _r' \
g' o' k' j' h' d' 4 u' t' i' \ rj_ u d' \ h' d' ? d' i' \ ' \ k' j' r' j' p' o' h' _j' k' m' (
^' t'] t' À' _g' ' è' h' \ d' f' d'] \ m' j' ' o' p' _i') J' _u' p' r' \ À' i' d' r' , d'
k' g' l' d' p' f' m' o' p' ^u' p' ^d' i' d' k' j' f' j' o' d' u' i' d' ^d' r' k' g' l' d' i' d') I' \
u' r' i' , o' u'] t' À' ' g' ' u' r' d' u' i' \ ' u' h' j' g' l' j' ^d' p' o' n' t' k' j' u' t' (

^edurj_jr`èi`fóm`òf`^d4fj`km`jr`À)R`b`A4d
i`g`hdnò`r`h`dnm`èf`rjnh`r`d`glht`r`t`_`r`_`A`nd4
`^`cj`u`A`]`mudej`kj`_`nòr`jr` ,`kj`ou`]`4kj`nd`_`i`d`
r`ntmf`dbj` ..r`A`u`è`^`r`_`g`_`?`di` `...`j`j`_]`d`A`nd4
r`tm`i`d`r`è`ej`rj`]`d`)

O`ò`?`di` `]`t`A`ntm`_`dh`d`Àmp`_`d`r`_`j`hp`'_`ud4d
^`u`hp`rk`¼`u`A`_`ui`d`h`rkj`rj`^`u`mp`E`_`i`f`'`èf`'`bj`j`kd`
n`A`'`zi`d`]`t`A`òk`h`r`m`gt`'`bj`'`p`^`up`^`d`r`'`bj`'`à`^`ò`f`
B`_`t`rk`nr`t`nd4`i`d`p`f`A`_`A`'`znd`_`ud`A`u`r`t`u`èi`_`_` ,`
(`ni`t`km`_`_`ò`gr`dj`nh`f`)

R`_`om`f`^`d`_`_`gu`è`rjnh`j`r`t`j`'`è`em`g`^`è`c`u`h`h`_`_`
d`ò`q`'`nòr`_`A`nd4`è`ni` ` ` `?`di` `i`d`j`_`fm`A`r`^`u`i`d`è
kj`r`d`u`i`d`kj`h`d`4`ut`_`ò`hd`m`g`^`è`h`d`'`r`j`d`h`dj`]`^`i`t`
(`h`dkj`]`g`h`h`d`Kj`r`d`_`ud`A`5`R`dh`'` ` `u`g`t`d`h`i`_`_`
h`i`d`d` `h`i`d`fj`^`è`è`6`]`t`g`l`up`g`d`ò`f`_`_`g`è`j`i`d`ò`f`'
` `]`t`A`h`u`i`d`_]`tr`_`i`_`g`]`h`_`g`m`j`r`_`i`_`r`d`4`_`g`^`u`
(`bj`h`yr`du`'` `h`j`d`rj`_`ud` `h`è`_`ò`f`d`_`p`t`r`k`A`r`i`_`_`g`'
^`ut`h`j`b`4`f`j`bj`_`u`_`g`_`^`u`i`d`:`f`)

J`ó`_`_`g`ò`bj`5R`tj`]`m`_`rj`]`d`h`_`A`?`di` ` `f`óm`^`up`
A`'`èf`rj`_`ud` `è`fj`^`è`è`_`g`è`_`ij`^`u`i`d`r`t`A`kr`_`A`
d`i` ` `np`]`ò`g`d`eu`'`_`g`_`ng` `p`^`up`^`d`èf`d`h`d`]`t`g`l`u`i`d`
kj`r`d`u`i`d`R`t`^`up`r`_`A`p`h`h`t`p`f`m`ò`p`^`up`^`d`i`d`kj`
(`fj`è`du`i`d`^`d`r`k`g`l`d`i`d`'`_`p`_`ò`ò`_`m`ò`i`_`_`mj`r`t`_`rkj`rj`'
zr`t`A`^`u`i`d`nd4`f`)

I`j`_`_`y`'`r`yr`^`u`n`h`_`A`?`di` ` `m`r`j`nt`A`b`A`4f`j`
r`r`j`d`h`h`y`up`'`kj`u`r`d`_`j`h`j`_`^`d`b`i`d`g`_`_`m`ò`b`d`5
B`_`t`rk`¼`u`è`^`^`u`n`u`h`h`_`_`^`è`è`d`A`pi`d`i`_`_`j`_`^`up`
^`d`è`è`i`d`kj`fj`è`d`ap`m`ò`^`è`h`p`nd`A`p`h`d`_`km`f`j`i`_`_`
h`h`¼` `u`j`]`d`i`d`_`ud`^`f`_`]`t`A`r`_`m`_`u`^`cj`_`p`)?`di` ` `
r`rkj`h`d`_`nd`]`d`è`f`j`_`j`_`rk`d`è`_`ud`^`f`j`'`u`r`n`u`'`k`rj`
]`p`è`^`i`_`u`]`d`m`_`r`_`nf`j`g`_`r`t`m`ò`m`u`è`_`j`_`_`p`j`_`k`d`_`ò`f`

dkj ^cr \À\] t urj] d r m `i d i \h \hd) #R d udu Kj (onD/aknr d' ` kj ^upènuind/2j] m' èfj rj_ ud' r d' fj ^c\ehi d) Kijnu/2S

NòmÀ nd/4yr i d `i \fdjr \ `rjuhjr t u o q `i \ i d `hj ^éi \g ` ` d o g f o g ` ` o h \d' r ` f o m ^c ^upÀ nd/4j h k ` o i o t ` d _ j] m' `] t ` m / 4 i d ` z r t À ^ u t À f d i d ` u d i , À

O m u ` u k ` m k ` f o r t r ^ u n i t ^ c m g ^ e l d i ` u i r j _ u d ^ \ h d ` k m t e n t e r d / e n u ` m u j k d j r d e e] t A b ` h 1/4 \ 5 z d / f j] t A b j ` u ` j r j g l d u r n u ` u p A h ` ` ` è b j k m (^] t A i \ k d m n t h h d e r p ` ` è i \ ` _ m b d h f)

E è r j _ u d ` i d] t g l g l j f m o d i d u i d _] t r \ g l r j (d c j] j r d u f y r) R m u k m ^ d i d ` m o n g l n d / 4 \ e g k d e è f k j o n e g k m r _ j k _ j] i d r j] d g k j k i r m o g ` ` j d c r j _ u d ` ` u k r j b n h j r \ g l r d c h y u b ^ c)

E f j _ u d ^ d r n u r n t m o n h t m d / 4 k j m k j r \ ` i \ e g k d e è f ` p h d h t ` k j u ` è h t ` r d o r j d h d h \ A h d m ^ u f \ (h d . i g ` _ \ k o ^ e ` j f o m e h y r A h r ^ u ` i d e . \ ` r y r (^ u n i \ n u ` h y u b j _ k j r d _ i g ` m d / 4 k r j b n h p e) J f \ u p e ` m d / 4 ` ` o ` r ^ u n i ` k m ` t ^ d ` u r d u i ` ` u k n t r d u i d h ` r k A r \ e ` i d ` o g j ` i \ ` g ` ` è f ` i d k m t e h i \ ` h j ` `] t ` r d t o ` r ` _ j h p ` i \ ` r d o g ` ? u d i ^ u t i d i d ` ` g ` h ` e ` n y r i d ` _ A p j o m \ A ` r k A r ` i \ f n u \ A j r ` i d ` m d / 4 o r j (è b j h y u b p) K j _ f m g / e n u ` m u . . g ` i d ` ^ u t i d o r j d c r j _ u d y r ` z u A h d g _ h d f \ ` u ^ d] d j e m J u i \ ` u ` g ` o g j ` ` ` h \ n u o j ^ c 1/4 r j] d ` `] t ` u r n y ^ d j f m o ` g ` h j ` ` n u g ` u r j] d f l

R A ^ d d ` e m ` o n u i \ ` _ j] m e _ r j _ u ` `] t ` g ` r j u (b n ` d u r j] d ` è f ` i \ g ` t) R t u r ` i d h ` ` \ ` o f ` i \ k n r _ 1/4 j _ k j r d _ u d g j ` ^ d ` _ j r j m A ^ d e m o u r j u p h d i d ` ` ` i d ` h j ` ` n i e p ` _ A p ` e n j r j r \ ` d ^ c n h t ^ c m o b d l f o m

njur d ,À r _ud^d nr d # yr ^\nbi dg t^c\$`i \\
mki d _j fji \i d i duj ¼i t^c i \knr) I \ knrfÀ_ .
? di `i _gkn] jr \À nj nr \ d/nh , mnb d/uj (
] tr \i d(u_r \gi d`r `nj pifp _j `r jèbj] tÀbj .
h ¼\ `èf`r `kntk_fp`h`ht`dòd) Km _ `r ntrf dh` .
èeh ýub] tÀknr _jk _j] i d i d r d_j h d`u d`ò m j (
r \i t`] tÀh`h ¼`h`kj i dr \ op_i \ _j`u`j r jgi d` .
j rj] \] tÀ`i \è] mude u \i th`kj òi`è`g`th`k`m` (.
nh`r`è`ekj]b`nh`d) E_i \f`m`m`m`b`d`i`d`_ud`À` .
> j`h`p`rd`À`rd`h`di`d`)

J_fm`d`òbj`i`d`r`tr`m`ut`À`?`di` `` \] t`u`m` \ .
ui`r`tf`h`d`f`om`è`eh`ýub`u`k]b`nh`j`r` \À`b`_t`]`tÀ` .
_ud`f`dh) Kj`h`dj`n`è`i`g``bj`uj`up`h`di`d`dr`ntr`d` .
f`dc`m`m` `` \] t`rd`kj`r`m`th` \ `r`c`h`o`ò`i`k`j`r`ò` .
m`À`rd`ai` _gr` `r`ntr`f`dc`è`è`ur`d`uf`^c`u`h`¼`^`ut` .
u`h`d`H`_m` `k`j`h`tn`À`dd`i` `m`nb`d`h`t`g`i`d`i` .
r` t`nth`k`j`u`h`d`n`h` `i`d`r`k`j`r` _u` `on` \À`è`u`h`d` .
i` t`r`nk`j`r] `ò`j`è`bj`k`j`m`k`j`r` \i`d`r` `t`^`p` #G` _g` .
òbj`^`ut`ò`i`d`k`j`m`i`d`yr`^`c`j`^`d` `h` \n`i`n`^`u`h`g`i`d` .
k`j`h` \b`r`j`r`d`bi`d`^`p`om` \À`^`c`u`h`di` \$H`p`rd`u`h`di`d` .
g` _`t`p`k`j`_m`r`k`j]`g`h`p`k]b`nh`) N`h`r`bg`_`i`d`i`d` .
k`j`h`j` `` .h`j` `i` \r`d`g`l`k]b]`g`h` .. \c`fl` .g`i`d`uj]`d` .
k`m`k]b`nh`j`r` \i`d`)

U`ò`h`g`è`m`u`À`r`d`_j`h`j`)

<g`è`m`ò` _j]`m`fl`H`j` `n`u`uj]`d`^`j` `u`d`h`m`ò`nth` .
k]b`nh` `h`)?`g`ò`bj`^`ut`ò`n`i`d`f`rd`f`¼`

Ui`d`h`k`m`e`ud`h`t`_j`i` \knr`di`d`m`^`u`i` `i`g` \\
À]`t`_j`r`d`_ud` `rd`^`u`bj` `r`d`^`è`j` `d`h` `u`^`th` `h` \n`i` .
_j`^`u`ti`di`d`5`j`_ud`À` `rd`r` `ò`j`d`h` `h` \À`h`_ud`^`d`^`th` .
h`ý`ub`p`_b`_t`uj`m`À`i` \k`d`i` `k`d`m`n`u` `g`l`d`f`d`k]b`nh`p` .
ur`d`uf`yr`)

