

G%]] c * ((. ' f H a [I m j] k

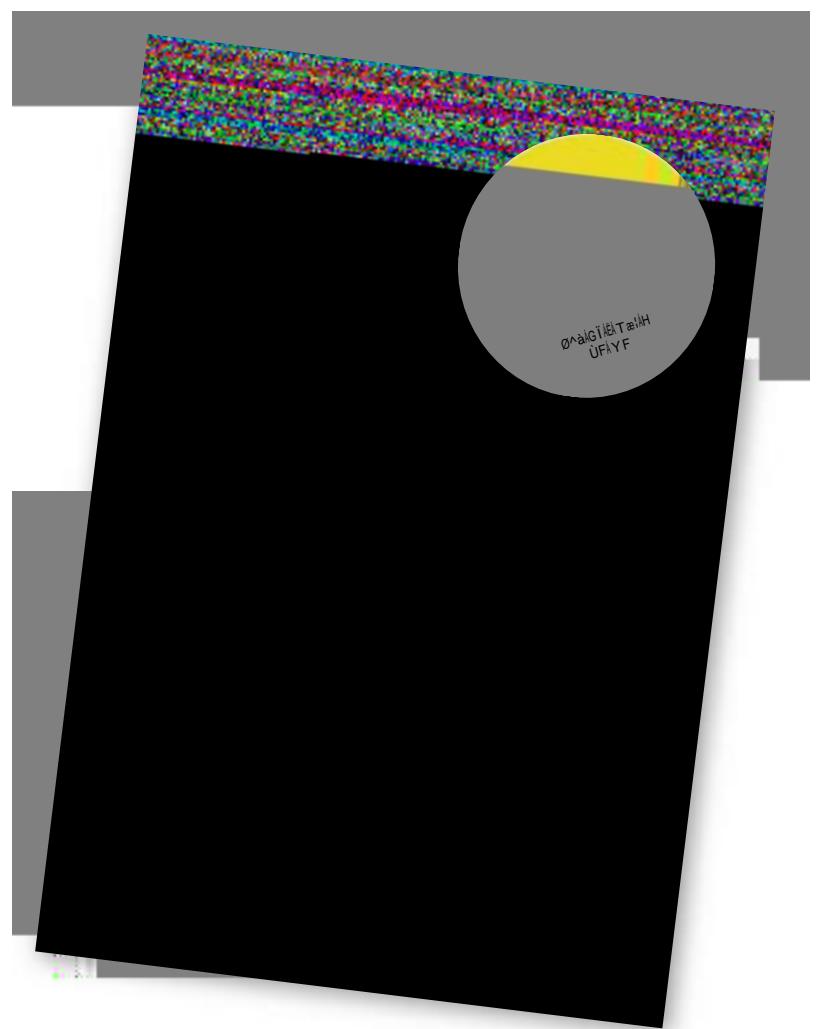
D g [Y d Y f \ :

A f l] j f Y l a g f Y d

N g d h f l]] j f _

E] f l g j f _ ' g f ; Ye h m k

@] f r @ Y j Y f l . 9 o Y j \



hj] kà] f|ꝝ·
J] hgjl



Kge] .g^f`] .
ngdmf [p] j .
hjg_j Ye k gf .
[Ye hm

9jiko]]c*(.

9jiko]]c*MF KO & YffmYd[] d ZjYlaf g^YjlkYf\ [j] Ylano\$
[ggj\ f Yl] \ Zqngdfi]] jk\$Yf\] f_Y_d_ Ydg^f] Yjlk%Yk] \
gj_Yf_k Ylaf k\$[dZk Yf\ Y[lnaak\ f Yf\ Yjgm\ MF KO &L\]
hjg_j Ye _k jnf Zqngdfi]] jk\$o\ g j] [a] lYaf_d_ f] n] f\]
e] f[\$[jgkk [mlnjYd[ge e nf a Ylaf \$hje glafk Yf\]
[mjYlgj\ dhjY[l\] &9hhdf Ylafk o adZ] gh] f \naf_d_ O]] ckF d\]
Yf\ L] f \naf_d_ K] kkaf Gf] &
Yjiko]]c8 kgmj[] &fko &\m&m

mfko]]f]\ Da] jYjqBgnjfYd

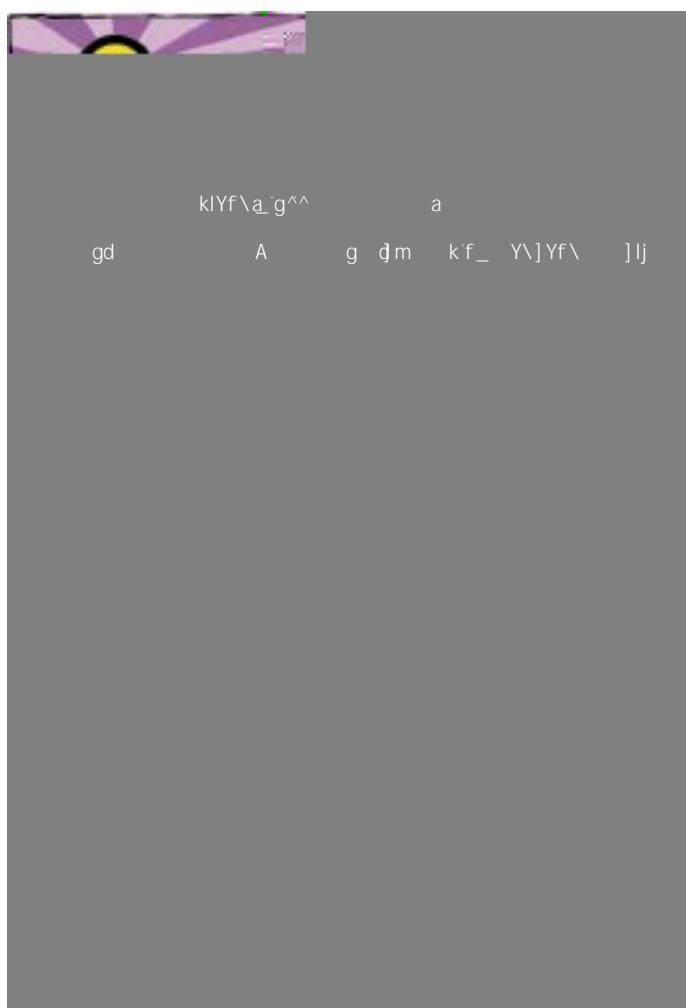
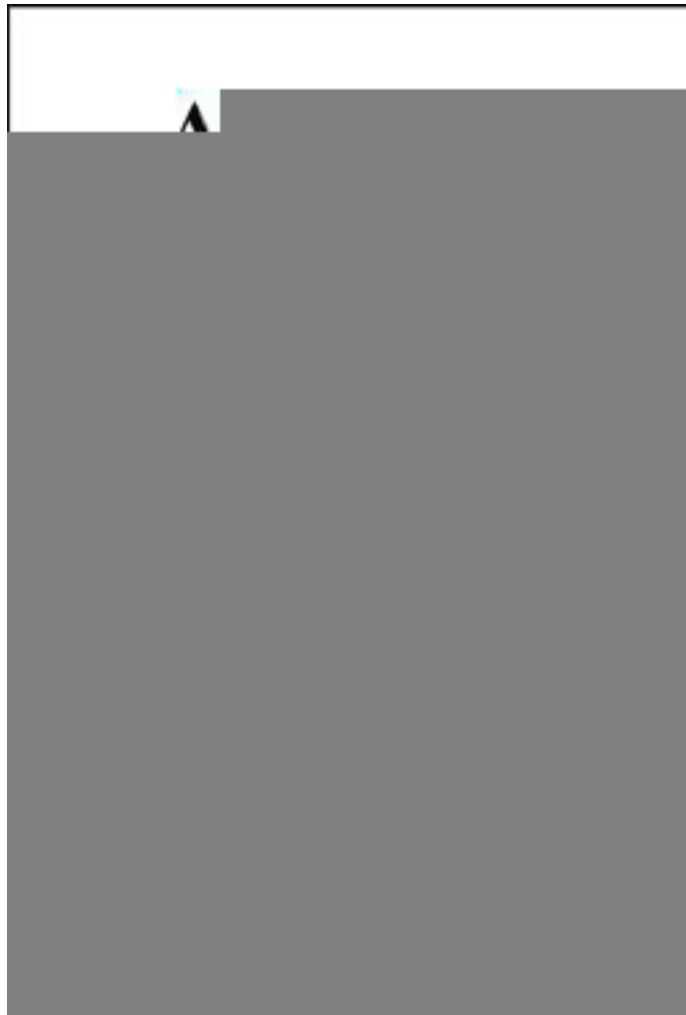
L\] mfko]]f]\ Da] jYjqBgnjfYd] Ylnj] k'hg] ljq'Yf\ K' gj\]
klgj\ k'ge MF KO klm\ fik&L\] lgnfYdk\] d\] \S\] ka_f\] \ Yf\ \
hjg_m\] \ ZqYl] Ye g^ngdfi]] jk o\ g'Yj] k] d[l\] \f' O\] c'L\ f\ g^
K] kkaf Gf] &fij\ k'gj\] lgnfYdf\ d\] jYjqhja] Yj] Y[l\ h\] \
Z] lo\] f O\] ckL\ f\ Yf\ Lo\ d\] g^K] kkaf Gf] &
mfko]]f]\ 8 kgmj[] &fko &\m&m

A\] jfYlafYd ggcZggc

L\] Kgm\] A\] jfYlafYd ggcZggc\ Ylnj] k] [d\] k'Yf\ \
klgj\ k'ge MF KO klm\ fik&hjg_m\] \ ZqYl] Ye g^Klm\ fik
ngdfi]] jk o\ g'd Yf\ Yzgm\ [ghq] \d\] \ d\] n] f\ e YfY\] e\] f\ Yf\ \
hmZ\ Ylaf hjg_m\ l\ af&fij\ k[\f\ k' O\] c>gm\\$K] kkaf Gf] &
[ggcZggc8 kgmj[] &fko &\m&m

D] Yjfa_ l\] Df_g

D] Yjfa_ l\] Df_g Zjfa_k\ f\] jfYlafYdklm\ fik fa_ lg\ [gflY[l\ o\ a\]
d\ [Ydklm\ f\ jgdfi] Yk\ l\ jgm\] f\ l\ f\ k\ d\] \ d\] e\] l\ f\ g\\$Zmk\ \
o Ydk Yf\ khgj\ lk\ Yqk&Df_g D] Y\] jk\ & hgn\ l\] \ d\ c\ f\ go\ d\ _]
Yf\ nf\] jk\ Yf\ f\ g^gj\ a\ f\ [md\ j\ f\ [\ A





J] [] f / d \$ h j g e f] f l 9 m k l j Y d V f e] \ d V
a] f / d q ' A Y : m l j g k j ' n k d] \ M F K O ' l g '
h j g e g l] Y f] o [^ Y j a q 2 G h l g e] l j q '
? a n f _ ' K a _ ' I & A Y o Y k Y ' g m f \ a I] \ M F _ ' f _ r q] b \ M F A b & A

Across

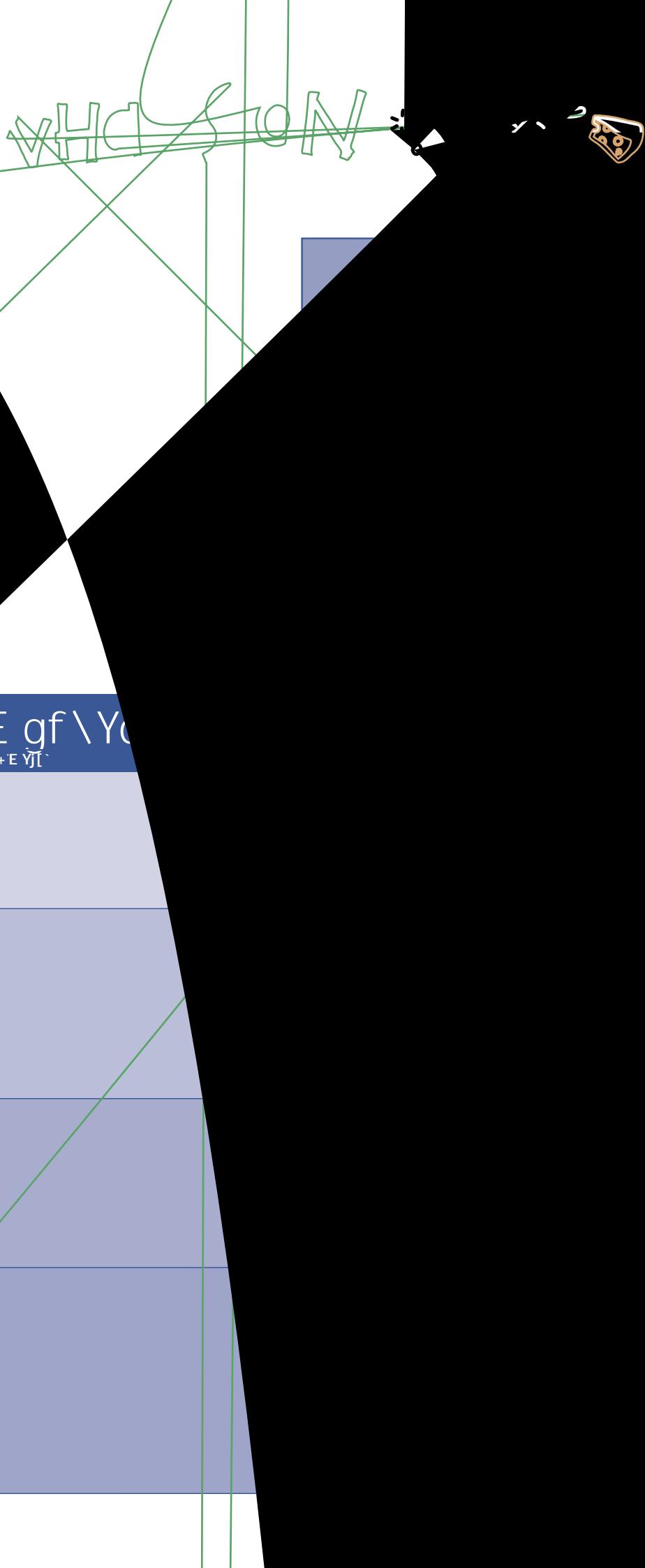
7.

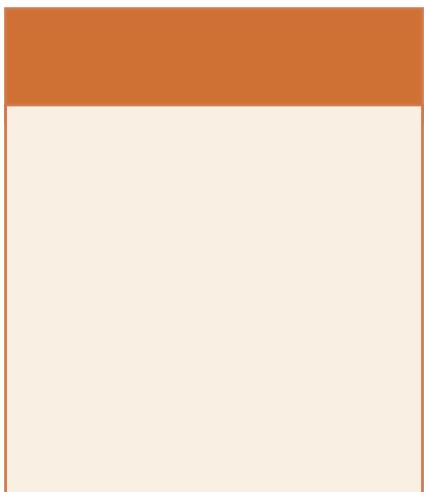
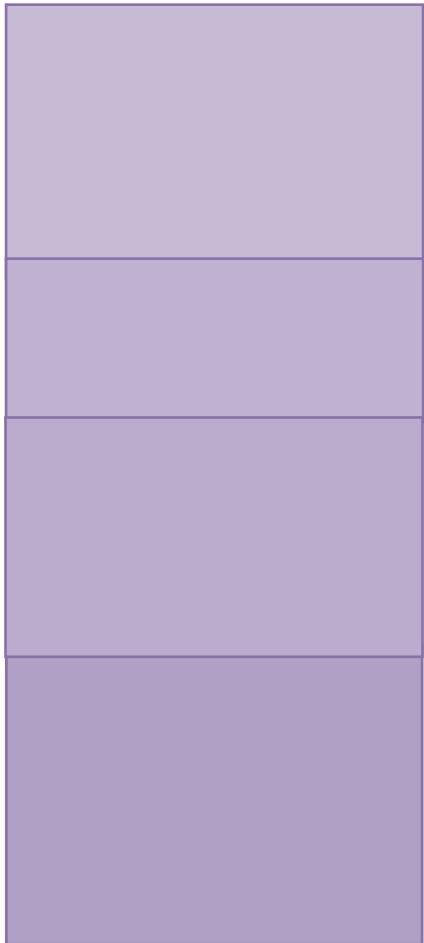




''' " "
.....) *...: dr'E Y_Yraf] '

E gf \ Y
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: q>dcKljgf_

=n] j q|q] Yj\$MF KO
Kgmj[] h] k] fIk
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9o Yj\ lg YkIm] fI
o` g` Yk_an] f ZY[c
lg]] Mf an] jkakq
[ge e nf aq] jgm_
l] j\] \q Ylaf
lg ngdfl]] ja_
gf [Ye hn&L`]
Yo Yj\ kf Ye]\
Y1] j @] ar@YjYfI\$
o` g` o` YkYe gf_ l]
gml` [dk] n] j lg
_j Y\ mY] j ge MF KO

@] ar@YjYfI\] \q Yl] \ q Yjklg
anf ZY[c lg]] Mf an] jkakq
[ge e nf aq] Zgl` o` akl klmqf
Yf\ Y1] j\ j YmYlaf \$k] jnf_
gf l] Kgmj[] @: gYj\ g^E YfY] e] fI\$
l] Mf an] jkakq; gmf [aYf\ YkY` gmf\ af
e] e Z] j` g^] KIm] fIkO? mdk; gmf [a
@] Ydg`] dh] V] KIZdk` l] Mf an] jkakq
9dne fa9kkg[alaf Yf\ j] e Yf] \ gf l]
9dne fa: gYj\ nflu af\ k\ Yf` f) 11+&@]
o` YkYe Yf` g` o` g`] j\ m] \ q Ylaf Yf
[ge e de] f\ lg` k] jnf] &
L] Yo Yj\ fYe]\ Y1] j` a` YkZ] f
_an] f` g] l] hYkIlo] ph] q Yjklg] l]
klm] fI e gkl` o` gj` q g^] [g_f aqf YkYf
gmklyf\ af_ ngdfl]] j` l] khjd` g^@] ar
@YjYfI&F ge af Ylafk` gj` l] Yo Yj\ Yj]
e Y\] Zq kIm] fIk&F ge af Ylafk` gj` l`
q] Yj@ Yo Yj\ [qk` kgf` Lg af khjd` qgm\$
: d`r` Yk` lY[c]\ ` gof Y] o` hYkI o` f] jk
lg` k] o` j] l] ngdfl]] jf_] ph] ja` f[]
Yi` MF KO [Yf` lYc] qgm&

;` Y\ <Ynak`

A`qgm`j] dgmcfgo kge] g] o` g` k` gof l` a` kg] l` g` ^[ge e de] fI\$o` q` fgl` fge af Yl] l`] e` gj` l` a` h] j] k] la` gmk` Yo Yj\ 7LgZ]] a` z` d` \$
qgm` fge f]] a` j] Yj] fgk] d` fge af Ylafk] e mkl` Yn] hYjIa` Yl] \ a` gf] gj` e gj] Kgmj[] ngdfl]] j` h] j` Ye` g] j` i` j] l` gj` e gj] q] Yjk`
F ge af Ylafk Yj] fgo gh] f Yf\ o` a` [qk] *, l` E Yj[` *(` (. Z` j` a` YqO]] c` >gm!&>g` e gj] f` g` e Ylaf` \$g` l` g` \ gof` Y\ Yfge af` Ylaf` g` e \$
g` a` l`] d` c` g` l`] O` Yl] k] F o` k] k] [l` af` g` l`] Kgmj[] o` Zka] `g` l` m` l` d` f` k` g` l`] @] ar@YjYfI Yo Yj\ g` l` g` f` Yl] Lgfq` af` m` \$z` =G`
MF KO` Kgmj[] !gf z` (*! 1+0` //11 g] e Yal` &` i` m` 8 kgmj[] &` fko` &` m` &` m`

: q'9dp'K]jhg
H`glg_jYh`q'Zq`
: Ye Jjgf Km_\]f

L`] o gjd `k Y`
nadv_] \$Yf\ af l` dk`
nadv_] o] Yj] Ydlef`
l`] e Yjc] lhd[] &
O] Z] dff_ lg l`]
klYI] k o] g[mho\$
Yf\ mdae YI] d\$ f`
e Yf q o Yqk\$ o]
Z] dff_ lg] Y[
gl`] j & m\$ f l`]
] f\ \$Ydlo] [Yf`
j] Ydlij Y] dk`
gnjk] dh] k&Kg\$ o] $\tilde{\phi}$ [
Y[] \ o a` Y e Yloj`
i n] klagf 2o` Yl \ g`
o] l j Y] gnjk] dh] k`
gj 7

T` jgm` gm! gm`
ən[ko] hja Yj!
ogjc` gj'e gf] q\$
Zm` akt` akt`]
gf@f [YhdYdo gj]`
Y[me mlf` _7
O gm! f d` f`_7 e gj]
o gj]` o` @l g[ljg` gmjk] d@ k
gj` ja f\k` d@ \$ Yhh@` kk Yf\`
d@ [ph] ja f[7 H] gh@ o` g`
ngd[1]]` e Yc]` d\k`][d@fj 3
` l` q`[a]` l` Y o` Yl` qmm` _l`
gm! g` d@` d@e gj]` @ hgj` Yf`
l` Yf` qmm` hYq[`]` c` Yl` `]
f\` g` l` `]` \Yq` l` qh]` 1j`
j@` k` lg` _l` `]` k` Yl` Yn` dgn]`
hjge gl@f` \$Yf`_` ph] ja f` [`
gn]` j` YBm` f` [` &

H] ghd`o`g`ngdfl]]`
gn] jk] Yk] e ZjYl] `Yf`
ghhgjl`mf`aq`lgZ] [ge] hYj|`
g`V`] _`q`Z`Y`dnad`_`Yf`\\$`
`f` \`gaf`_`kg\\$] phYf\`l`] `q`
`g`j`agf`k`F`&ca?j]]`fZl]`_`\$Y`
MF KO`klm] fI`\$`[mj]`fI`\$`
ngdfl]]`jaf`_`f`L`Y`Yf`\`
o`d`_`9mkljY`Yf`Ngdfl]]`jk`
A`l`jf`Y`g`f`Y`&K`] `d`]`d`-`
jj`Z`m`C`Yg%D`Yc`\$`Y`I`go`f`
`f`l`]`HYf`%`_`Y`H`j`gn`f`[]`
g`^`Kgm`]`f`L`Y`Yf`\\$`
`Y`n`Y`k`Y`l`]\`Z`q`l`]`_`gpa`_`<`Yq`
L`km`Ye`&`l`]`Yj`YY`[`g`nf`l`]\`
`g`j`1(`t`g`^`L`Y`Yf`\`Q`]\`Y`l`
lg`\$`m`lg`ak`B`Y`l`ghg`_`Y`h`q`&
9k`Yf`Yf`[`d`][`m`]`klm]`fI`\$`
F`&ca`_`f`ngd`]\`f`l`]
j] Z`m`d`f`_`g`^`g`l`q`_`ge`]`k`&
=`n`f`l`gm`_`k`]`Q`af`f`
cf`go`o`Y`l`g`]`ph`[`l`O`_`f`
k`]`Y`j`j`a`]\`\$`k`]`KY`a`_`l`Y`l`
Q`n`j`q`f`_`ogm`kh`Y`l`g`f`]\`k`
k`ge`]`c`f`_`g`^`Y`kk`a`l`Y`f`[`]`Y`f`]\`
ogm`ggf`j]`Y`k`l`_`l`Y`l`q`g`m`_`Y`n`]
k`ca`k`l`_`Y`l`[`Y`f`j`]`Y`d`f`]\`d`Q`
K`e`m`d`Y`f`]`gn`kd`\$`g`m`Z`m`
kg`[`d`f`]\`l`og`j`ck`Y`f`_`e`Y`c`]
f`o`j`f`k`&`g`m`_`a`_`i`n`\`_`n`Y`o`g`_`j`Y`md`_`d`_`
!`m`m`E`_`k`k`y`j`n`o`_`E`_`e`_`!`a`_`
`n`Y`o`m`Z`e`n`_`j`_`a`_`_`j`_`l`k`_`Y`g`f`Y`[`Y`f`]

ngd~~f~~!]] jk\`ge `Yjgmf\`t`]
o gjd &< a\`dYdngd~~f~~!]] j~~f~~
Y~~g~~o k h] ghd \`g'e Yc] Y
\`a\`j] f[] gnjjk] Yk'o \`g'm
d Ynf\`t`] \`jgge &
L`] MF `v] [\`d] \`*((() \`g Z]
`] A] jf Y\`g f YdQ] Yj \`g\`v`]
Ngd~~f~~!]] j~~f~~ \`g f g\`m \`g\`v`]

Cmf\mf

A Y o gjd o`jj] Zm\`e \$
I`Yi` pljYgj\`fYj\`f[ge hd p
Yd` \$`YkZ] f`v] e] \`O`]
[ggd] d\`af Ogf] e YqZ]
]p[mk] \`gj`nq o\`_Cmf\`nf
o\`_kge] knkh\`af &L` Yl`
[qf\`e\`k\`e\`k\`h\`f\`[]\&L` \`k\`
Ye Ykl] jh\`[]\&

Cmf\`nf`l] \`k\`l` [d\`f` klgjq`
g`l`] `hj] k`f` <Yd`aDYe Y\$
jge ``\`Z\`l` l`g`l`] Yd`
g`L\`Z] l\&<\`j` [lgj` E Yj\`f`
K[gj] k] m\`k] k\`l`] klgjq`
g`l` \`k\` p[h\`afYd`e Yf`lg`
[gfn] q\`l`] klgjq`g`L\`Z]
%Yk\`l`] [\`k\` _jgo k\\$`] \`p\`
e gn] k`jge Y`m`lg Z] Ym\`fhd`
e gnf`Yf` n\`k`Yk\`&`a\`g] k`
f`gl` \`l`Y`l`jge l`] h] jkgf`Yd`
`Y`e Y\`l`] \`[\`k\`f`lg`
[Yk\`f`gf\`b] g\`kk\`af`Yd`
Y[lgjk`o Yk\`f`kh\`] \`3\`] \`q`
; ``Y`e Yf` E Yg`k`hYj\`l`m\`j\`
e] e gjYZd` &

L`] k[gj] Zq`H` \`m`? \`k\`k\`
kh] d\`f`V\`f`_ \\$a\`gf\`f`Z] [Ynk`
d`[gfl`V\`f`k\`l`] ^ me Yf`
`Y`e Y\$[j] Yl\`f`_ Y`o gf\`] j\`m`

b\`pl`Yhgk\`af`o\`l`]
khjYo d\`f` \`f`k[Yh] &
: m\`l`] p`Yd`o gj`e m\`k`Z]
] \`f`Yi` \`lg`K[gj] k] &g`
e Yk\`l` j`g`l`] h] jkgf`Yd` \`k\`
k`K[gj] k] \`f`h\`f\` \`k\`k`Y`
k\`lm\`q`g`^ ne Yf`Z] \`k\`Yk`
`] \`k\`l`g`l`] \`a\`f` Yf`\`\$`lg`Z]
`gf` k\`l`\$`l`Yc] k`Y`e Yk\`l` j\`m`
`j` [lgj`lg`_a\`n] Y\`l` i`m`Yl`
`] h\`l` l`g`l`] e Yl`j\`a\`l` gm`
`] ``Yk`hg\`m`] \`k\`Yd`f`
o\`l` j` [] f`e \`k`Y\`n`f`m`j` k\\$`
`l` \`k\`p\` j` e \`f` \`k`q`gm`m`k`
`go`Y`Zm\`f`n`k`l` \`k\`e Yf`Q`
n\`k\`f`[gnd`Z] &Cmf\`nf`
`k`Y`k\`m`f`f\`_o`g`c`j`ge`Y`
n\`k\`f`Yj`q`Yj`l`k`l`&Q`gm`e m\`k`
`] c\`l` \`k\`gn`l`&

JgZ? Yk[gf]

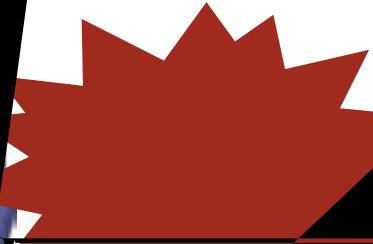
E Y\`Ye]
: gnYj q`

>d\`m`z] j`l\`Q`k`lg`j`q`g`l`]
Z] Ym\`fhd`Yf` \`k`d\`k` =e e Y`
: gnYj q`YkZ] f`j] f`gof`]\`
Yk\`l`] Z\`l` g`^`e g\`l`jf`
_] f`j] &M`g`l`nf`Yl` \`f`
@go] n`j\\$` YZjg\`R`
Y`Yhi`Yl`g`f`\\$`k`l`Y\`g`^`
l`Yf`khgj\`f`_e] \`lg`F`f`] l`] f`l`
:] f`l`m`q`>j`Yf` [\\$`e`] j` \`f`
j` e \`f`] \`e`] g`^`e Yf`q`h`Yf` \`m`
Y1`j`f`gg`f`k`h`f` \`a\`
k` [\`ggd`-j`] f` [\`d`k\`&`A`Y`e` \`a\`
`l` Yl` \`Y`A`n`j`Z] f`Y`f`q`
_gg`Y`l`l`] \`f`_m`Y`_] \\$`e` Yq`
`Yn`Z] f`e` gj] YZd`lg`] f`l`q`
`k`Y`Z] d\` @rnh] j`j`ge h\`f`_]
`Y`e` Zgq`Y`f`Y` [] f`Y`[j`g`k`
`l`] k[j] f` & m`\$`Yk` \`o`Yk`
`] j`h`Y`k`af`k` \`g`c`] \`e` gj`
` \`f`] j`Y`f`l`k`g`^`Y`f`Y`_`Yl`]\`
`j`Y`P`[g`P`[j`j`z` Y`f`k`B`Y`af`_!`
`h`m`[l`m`]] & g` [Yk`af`Y`d`Z`
`Z`a\`q` \`k`m`d`f` \`k`g`@`Yn`f`_`
`k`Y`l` \`k`\$`A` \`f`c` @`rnh] j`j`
` \`g`k`h`m`d`g`^`l`] k` Y`d`o`%
`j`a\`m`k`l`o`j`k`
`E`Y`O`D` A` \`a`

h m k l`
d` ? DD D` fc]
g`] f_e Q` \`t` _`Z`_ c d ^ccQ

Z` \`f` Z` Zd`f`f`f`F` ? MD`g`D`f`ca ce Z9`Za e
F` ? DD` A`
j`Q` \`a`
] Q`
E`Y`O`D` A` \`a`

PARTAN
TECHNOLOGIES



6



" " "
.....*, ...: dr'E Y_Yraf] '