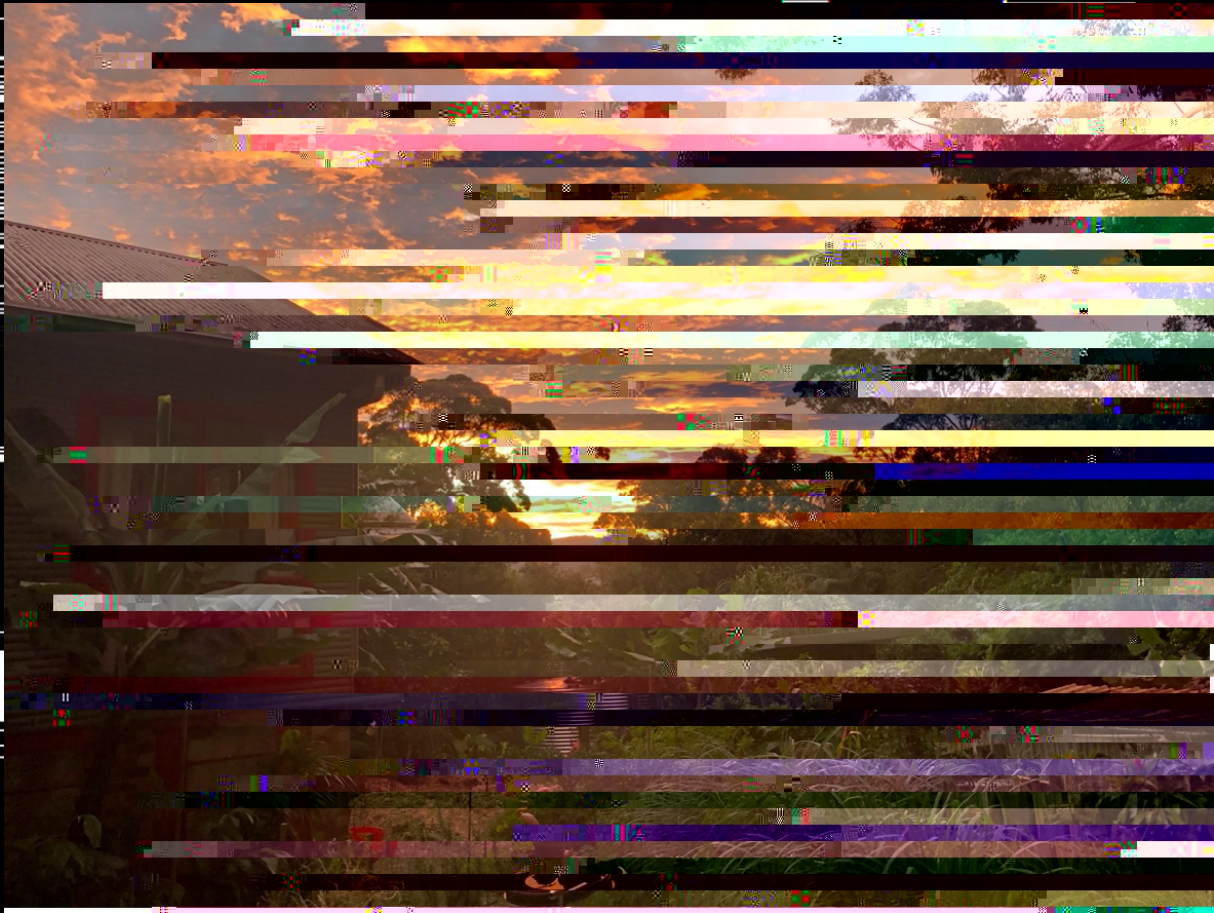


# IEST6001

F YghcfUhj Y'9Wc`c[ ]Yg. 'DYfa UW `hi fy'Df]bW]d`Yg/ `DfUW]WY

HYfa &Z&\$&&



7 ci fgY`Cj Yfj ]Yk

GhJZZ`7 cbhJW`8YhJ]`g

7cbj Ybcfg

BUa Y	9a U]`	5j U]`UV]`]m	@cW]h]cb	D\cbY
>UW`i ]`6Yg[ fcj Y	<a href="#">^VYg[ fcj Y4 i bgk "YXi "Ui</a>	6mUddc]b`a Ybh Xi f]b[ W`bgi `h]cb `ci fg fH\i fgXUmg`(` \$ da `-) .` \$`da E" `b dYfgcb`cf`cb`]bY"	H67	B5

GW`cc``7cbhJW`h`bZcfa Uh]cb

GW`cc``cZ<i a Ub]h]Yg:/ `@Ub[ i U[ Yg

@cW]h]cb. `GW`cc``C Z]W`zA cfj Yb`6fck b`6i ]X]b[ ž@Yj Y``&z&),



## 7ci fgY'8YHJ`g

I b]hg'cZ7 fYX]h\*`

Gi a a UfmicZħY'7ci fgY

H\]g'Wci fgY'k ]''b]fcXi W'Zci bXU]cbU'WcbW'dhg'cZħY'Yħ]Mg'UbX'df]bW]d'Yg'cZdYfa UW'hi fYžU  
fY[ YbYfU]j Y'gmgħYa g'UddfcUW'Zci bXYX'j]b'5i gfU'U'UbX'['cVU'']b'ja dUW'W'ħ'ħ]g'Wci fgYžmci 'k ]''[ U]b  
WcbZXYbW'j]b'dYfa UW'hi fY'fYgħcFUhj Y'ZUa Yk cf\_g'UbX'a YħcXc'c[ ]Yg:]b'ħY'WcbħYI hg'cZYbj ]fcb a YbHU  
a UbU[ Ya Ybħ'YUXYfg\]dž'UbX'gi gHU]bUV]]m'DYfa UW'hi fY'XYg][ b'gYY\_g'ħc'fYWcbYWħdYcd'Y'k ]ħ  
YWc'c[ ]W'đfcWggYgž]bħYf!fY'Uh]cbg\]dgž'UbX'j]bħYfYdYbXYbW'cZ'j ]b[ 'ħ.]b[ g'UbX'ħc'j]bħY' fUH'ħYgY  
\_bck'YX[ Yg'ħc'ħYbX'ħc'YWc'gmgħYa g'j]b'k'Um]g'ħUħWUfY'Zc'f'ħY'9Ufħ'Z'WUfY'Zc'f'dYcd'Yž'UbX'i gY'U'Z]f'g'UfY  
cZfYgci fW'g''DYfa UW'hi fY'\Ug'Ub'ja dcfUhbħc'Y'ħc'd'Um]b'ħY'fUd]X'fUbg]h]cb'ħc'nYfc'WUfVcb'cf'bYh  
bY[ Uhj Y'WUfVcb'ħfci [ \ fYgħcFUhj Y'UbX'fY[ YbYfU]j Y'YWc'c[ ]W'žgcW]U'ž'UbX'W'hi fU'đfUW]W'g''H\Y  
Wci fgY'k ]''\Uj Y'U'Zc'W'g'cb'ja d'Ya Ybħ]b[ 'dYfa UW'hi fY'gci' h]cbgžXYa cbgħfUh]b[ 'lck'ħYcfm'YUfbYX  
Xi f]b[ 'gYa ]bUfg'Udd'Yg'ħc'fYU'k cfX'gmgħYa g''ħ'gi W'W'ggž'`m'Wc'a d'Yħ]b[ 'ħ.]g'Wci fgYžmci 'k ]''XYj Y'cd  
Udd'jYX'g\_]g'ħc'XYg][ b'UbX'ja d'Ya Ybħi fVUb#gi Vi fVUb'dYfa UW'hi fY'gci' h]cbg'UbX'mci 'k ]''YUfb'U  
dYfa UW'hi fY'XYg][ b'W'f]Z'WUħ''

## 7ci fgY'@YUfb]b[ 'Ci ħWc'a Yg

%' 9I d'U]b'YWc'c[ ]W'U'UbX'gcW]U'Wc'a dcbYbħg'cZdYfa UW'hi fY  
&" ÆYbħ]Zm'lck' dYfa UW'hi fY'Yħ]Mg'UbX'df]bW]d'Yg:]b]Zc'fa 'XYg][ b'Zc'f'fYWcbYW]b[ 'li a Ub]g'k ]ħ#Ug  
"bUħ fY" k \]Y'dfc] ]X]b[ 'UVI bXUbW'  
' " 8Ya cbgħfUH'ħY'Z bXUa YbHU'g'cZYWc'gmgħYa 'ghf' Wħi fY'UbX'Z' bW]cb  
( " ħY'f' fUH'ħY'\_Ymidf]bW]d'Yg'cZk Uħf'ž'gc]ž'W]a Uħ'ž'fY'Ygž'd'Ubhg'UbX'gcW]U'dYfa UW'hi fY  
) " 5dd'midYfa UW'hi fY'XYg][ b'a YħcXc'c[ mħc'Ybj ]fcb a YbħU'UbX'gcW]Yhm]g]h] Uh]cbg'UbX'gYħ]b[ g

## HYUW]b[ 'GħfUH[ ]Yg'

HYUW]b[ 'GħfUH[ ]Yg'Zc'f'→GH\* \$\$%Yb[ U[ Y'ħc'Zc'fa Uhg.

%' ħ!WUgg'gYa ]bUfg:]b'dYfa UW'hi fY'XYg][ b'\Y'd'mci 'XYj Y'cd'Ub'i bXYfghUbX]b[ 'cZdYfa UW'hi fY'Yħ]Mg  
UbX'df]bW]d'Yg''? YmħYcfYh]W'WcbW'dhg'fY[ UfX]b[ 'k Uħf'ž'gc]ž'W]a Uħ'ž'fY'Ygž'd'Ubhg'gY'Ygž'UbX'gcW]Yhm  
U]a YX'UħXYj Y'cd]b[ '\_bck'YX[ Y'cZbUħi fU'đUħY'f]g'k ]'']b]Zc'fa 'XYg][ b''? YmħYcfYh]W'XYg][ b'WcbW'dhg  
UfY'Wci d'YX'k ]ħ'YI Ua d'Yg'cZdYfa UW'hi fY'j]b'UW]cb''

&" F YgYUfW!gYfj ]W'YUfb]b[ 'Z]Y'X'gh XmgYa ]bUfg:]b]fcXi W'mci 'ħc'j Uf]ci g'dYfa UW'hi fY'g]h]g'j]bW] X]b[  
ga U''i fVUb'dfcdYf]Ygž'gi Vi fVUb'g]h]gž'UbX'Wc'a a i b]m]UbX'i fVUb'Z]fa 'gW]Y'g]h]g''Mci 'k ]''VY'YI dYW]X  
ħc'dUf]W]dUħY'j]b'đfUW]W'YI dYf]YbW'Ug'dUfħcZUb'YbYf[ mYI W]Ub[ Y'ħc'Wc'a dYbgUħY'U'UbX'W'għcX]Ubg'Zc'f  
ħY]f'ħja Y''H\Y'Z]Y'X'Wc'a dcbYbħ]g'XYg][ bYX'ħc'Udd'm]UbX'Vi ]X'i dcb'ħY'ħYcfm]UbX'WcbW'dhg'Wc'j YfYX  
Xi f]b[ 'ħY'j]b!WUgg'Wc'a dcbYbħcZħY'Wci fgY''


H\]g' ]g' bchU' Hi fb]hb' Ugg][ ba Ybh







F Ygci fWg

DfYgWf]VYX`F Ygci fWg

Mci f\_YmfYUX]b[ g`UbX`chYfa UHf]U`g`k ]`VY`Uj U]UV`Y`j ]U`mci f`A ccX`Y`g]H`"

F YWca a YbXYX`F Ygci fWg

Mci `UFY`YI dYWYX`hc`a U\_Y`[ ccX`i gY`cZ`hY`fYUX]b[ g`dfcj ]XYX`Zcf`hY`Wci fgYz`UbX`hc`fYUX`VYmcbX`hcgY`  
a UHf]U`g`Zcf`mci f`Ugg][ ba YbHg`"X`YdYbXYbhfYgYUfW` ]g`YI dYWYX`"H`Y`Zc`ck ]b[ `fYgci fWg`UFY`Uj U]UV`Y`  
Zca`h`Y`I` BGK` `@]VfUfm]UbX`UFY`fYWca a YbXYX.

[9Ufhi\\_gYfg: i \]XY`hc`DYfa UW`hi`fy`fcb`cfXYfz`g\ci`X`VY`\]b`I` BGK` ``\]VfUfmg\cfhmiŁ](#)

F cgYa UfmA cffck

<YdVi fbzJ ]W`. `A`Y``]cXcfU`Di`V`]g\]b[ ``"GYWcbX`9X]hcb"``&\$%)

[DYfa UW`hi`fy`. `df\]bWd`Yg/`dUh`k`Umg`VYmcbX`gi`ghU\]bUV`\]lm](#)

8Uj ]X`<c`a [ fYb`

<YdVi fbzJ ]W`. <c`a [ fYb`8Yg][ b`GYfj ]Wgž`&\$&&

[DYfa UW`hi`fy`. `U`XYg\]\[ bYfgfia`Ubi`U`](#)

6``7``A`c``]gcb`/5bXfYk`>YYj`Yg`%-)`\*!

HmU`[ i`a`žB`"G`K`"`. `HU[ Uf]`Di`V`]W]h]cbgž`%-` ,` ,`

[DYfa UW`hi`fy`cbY`. `U`dYfYbb\]U`U`\[ f\]W`hi`fy`Zcf`\i`a`Ub`gYh`i`Ya`YbHg](#)

6``7``A`c``]gcb`/8Uj ]X`<c`a [ fYb`

HmU`[ i`a`žBGK`"`. `HU[ Uf]`Di`V`]W]h]cbgž`%-` ,` +`

[DYfa UW`hi`fy`hk`c`. `dfUW\]WU`XYg\]\[ b`Zcf`hck`b`UbX`Wci`b\]fm\]b`dYfa`UbYbhU\[ f\]W`hi`fy](#)

6``7``A`c``]gcb`

GhUb`Ymž`HUg`"`. `HU[ Uf]ž`%-` +-`

[E YfcGi Vi fVjU: hY Xck bg\Znfg \[i \]XY hc U fYg\]YbhZ h fY](#)

<c`a [ fYbž8Uj ]X"

Gi Va ]gg]cb`cZ5ggYgga YbhiHUg\_g

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

≠mci`YbWci`bHYf`U`dfcV`Ya`k` \Yb`UHYa`dh]b[`hc`gi`Va`]hmc`i`f`Ugg][`ba`Ybhi`h`fci`[`\`Hi`fb]h]b`z`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`  
`lci`fg`UfY`,`.\$\$Ua`-`-%\$.\$\$da`cb`k`YY`XUmg`UbX`-`.\$\$Ua`-`).\$\$da`cb`k`YY`YbXg`f1`\*)`XUmg`U`mY`Uf2`≠mci`  
UfY`i`bUV`Y`hc`gi`Va`]hmc`i`f`Ugg][`ba`Ybhi`Xi`Y`hc`U`Zi`h`k`]h`Hi`fb]h]b`mci`a`UmUdd`m`Zc`f`Ub`YI`HYbg]cb`z`Vi`hmc`i`  
a`i`ghf`Yh]b`mci`f`h]W`Yhbi`a`VYf`Z`ca`9I`HYfbU`Gi`ddcfh`f`U`cb[`k`]h`Ubmc`h`Yf`fY`Yj`Ubh`Xc`W`a`Yb`hg`L`hc`  
]b`Wi`XY`Ug`Yj`]XYb`V`hc`gi`ddcfhmc`i`f`YI`HYbg]cb`Udd`]W]h]cb`≠mci`Ya`U]`9I`HYfbU`Gi`ddcfhmc`i`k`]`  
Ui`hc`a`U]h]W]m`f`Y`W]j`Y`U`h]W`Yhbi`a`VYf`z`Vi`h]Z`mci`HY`Yd`cbY`mci`k`]`b`Y`Y`X`hc`gd`Y`W]Z]W]m`Ug`\_`Zc`f`cbY`  
Hi`fb]h]b`U`gc`d`fcj`]XYg`i`d`XU`HY`g`cb`h`Y]f`gmg`h`Ya`g`h`U`h`g`cb`Hk`]h`Y`f`"

;`YbYfU`mz`UggYgga`YbhiUg\_g`a`i`gh`VY`gi`Va`]h`Y`X`Y`Y`W`f`cb]W]m`j`]U`Y]h`Y`f`Hi`fb]h]b`cf`U`A`cc`X`Y`  
Ugg][`ba`Yb`h`-`b]b`gh`U`b`V`W`g`k` \Y`fY`h`g`]g`b`ch`d`c`g`g]V`Y`z`]h`k`]`V`Y`g`h`U`H`X`cb`mci`f`W`ci`fg`Y`g`A`cc`X`Y`g`]h`k`]h`  
U`HY`fb`U`h]`Y`gi`Va`]gg]cb`X`Y`h]g`"

:`cf`]b`Z`fa`U`h]cb`cb`l`ck`hc`gi`Va`]h]Ugg][`ba`Yb`hg]cb]b`Y`j`]U`A`cc`X`Y`.\`h`d`g`#`gh`XYb`h`i`bgk`"YXi`"Ui`#`ck`!  
gi`Va`]h]Ugg][`ba`Yb`h`a`cc`X`Y`"

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

D`U[ ]Uf]ga `]g`i g]b[ `hY`k cfXg`cf]XYUg`cZchYfg`UbX`dfYgYbh]b[ `hYa `Ug`mci f`ck b" `#WU]b`hU`Y`a Ubm  
Zcfa gZ`Zca `XY`]VYfUH`VX`YUH]b[ `hc`UWV]XYbhU`m`Wcdm]b[ `Zca `U`gci fW`k ]h`ci hUW`bck `YX[ Ya `Ybh`

I BGK `[ fci dg`d`U[ ]Uf]ga `]bhc`hY`Zc`ck ]b[ `WU]h[ cf]Yg.

7cdm]b[ .`I`g]b[ `hY`gUa Y`cf]j Yfmg]a ]Uf`k cfXg`hc`hY`cf][ ]bU`hYl hcf]XYU`k ]h`ci hUW`bck `YX[ ]b[ `hY  
gci fW`cf`i`g]b[ `ei`chU]cb`a Uf`g`H`g]bW`i XYg`Wcdm]b[ `a`UH`f]U`gZ]XYUg`cf`WcbW`d]hg`Zca `U`Vcc`Z`Uf]h]WY`Z  
fYdcfhcf`ch`Yf`k`f]hY`b`XcW`a YbhZ`dfYgYbhU]cbZ`Wca`d]cg]h]cbZ`Uf]k`cf`Z`XYg][ bZ`XfUk ]b[ `Z`W]fW ]h`mZ`Wca`di`hY`f  
dfc[ fUa `cf`gc`Zk UfY`Zk YVg]hY`Z]b`hY`fb`Y`hZ`ch`Y`f`Y`Y`W`fcb]W`fY`gci fW`Z`cf`Ubch`Yf`d`Y`fgcb`f]g`Ugg][ ba`Ybhk ]h`ci`h  
Uddfcdf]UH`UW`bck `YX[ Ya `Ybh`

#Uddfcdf]UH`d`Uf`Ud`f`Ug]b[ .`

5 WUXYa ]W**⊖**Zcfa Uh]cb