



**9f}ihYfib[Yb'ni a'IfUiVg[YgiW\**

Öv!Á ]^!•4}j&@^Á W|jæ~àÁ {~••Á :\_ä}^\*^}áÁ {áçÁ á^ {Á Ø[!{~|æ!Á ÍEHÍÁ %W|jæ~à•\*^•~&@%Á à^æ}c!æ\*cÁ ,^!á^}ÉÁ  
ÖæÁ ç[|!•cê}áá\*Á æ~•\*^•>||c^Á W|jæ~à•\*^•~&@Á ä•cÁ á^!Á Ö^•&@é-c|Áç~}^\*Á >à^!Á äá^Á äá!^c^}Á  
X{!^•^•c:c^}ÉÁ^c^}!^&@^}á^!ÁØ!á^c^}!^\*^!~}^\*ÉÁç[!á^ {ÁW|jæ~à•æ}c!áçÁ:~\ [ {^}Á:~!|æ••^}É  
Á

**IbVYnU\`hYf'IfUiV**

Öä}Á à^\_ä|j^\*c^!Á ~}à^:æ@|c^!Á W|jæ~áá ä•cÁ ^á^Á ÇEà {æ&@~}^\*Á á^!Á ç[ ]Á à^!á^}Á X^!c!æ\*•]æ!c^!^}ÉÁ ÇE}c!æ\*•c^||^!D  
Q}Á ~}áÁ ÇE!á^æ\*c^!á^!ÉÁ ^á}^\*^!æ|c^}Á ,^!á^}Á {~••ÉÁ Öä}Á %Ü>&\c!áçc^!^&c!á^ ä•cÁ }ä&cÁ ç[!^•^•^}Á Çä}Á á^!Á  
Ü^\*^!Á ,~!á^Á äá^Á Üc^!ç!c!^c~}^\*Á à^!^çc^!Á \*^!^\*^!cDÉÁ T áçÁ ÇE}c!áçc^! á^•Á ~}à^:æ@|c^}Á W|jæ~à•Á ^}á^cÁ äá^Á  
Š[ @}:æ@|~}^\*Á ~}áÁ á^!Á X^!•ä&@^!~}^\*••&@~c:Á ä•cÁ ^á}^\*^•&@!é}^cÁ ç•á^@^Á W}-æ||ç^!•ä&@^!~}^\*••&@~c:DEÁ  
Pæ&@Á ÇE!æ~-Á á^•Á ~}à^:æ@|c^}Á W|jæ~à•Á ^c^!ááæÁ ää•@^!á^c^!ÇE}•c^||~}^\*•ç^!@é|c}á^Á {áçÁ æ||^}Á Ü^&c^}Á ~}áÁ Ü-|j&c^}Á  
,^çc^!É  
Á

Ø>!áá^Á Öæ~^!Á á^•Á W|jæ~à•Á ä•cÁ -[!^}á^•Á ä {Á Ü]^:á^||^}Á :~!á^æ&c^}K

**IbZU`jYfg[W\Yfib[ggW\ihn**

Öv!Á ^á}Á {^}~}à^:æ@|c^}Á W|jæ~áá ç[ ]Á {^!á^}Á HÉÁ Sæ|~}á^!cæ\*^}Á !~@c^! áá^Á W}-æ||ç^!•ä&@^!~}^\*Á æáá á^ {Á  
HFÉÁVæ\*^}æ&@ÁÇE}c!áçc^!á^ÁW|jæ~à•ÉÁ

**?fUb\_\Y]h.**

Yê@!^}áá á^•Á ~}à^:æ@|c^}Á W|jæ~à•Á ^!á^}Á \*cÁ á^!Á ÇE!á^æ\*c^!á^! á^!á^}Á Öä}c!áçc^! ^á}^!Á S!æ}\@^çc^!  
^á}^!ÁŠ^•c~}^\*^}ÉÁ Öä^Á \*ä|c^}~}æá@é}^\*á^\*Á ç[ ]Á á^!Á Öæ~^!Á á^•Á W|jæ~à•ÉÁ Ø>!Á äá^Á Ø[!^\*^}Á ^á}^!Á S!æ}\@^çc^!  
•ä&@Á äá^ÁÖ^!|jæ~à^c^}Á->!áá^ÁZ^!á^c^!á^•Á ~}à^:æ@|c^}ÁW|jæ~à•Á^!á^!Á:~!áç^!•ä&@^!~}^\*Á  
Á

**6YfiZ]W\Y'Jcfcgcf[Y#DYbg]cbg\_UggY**

ÖæÁ ÖXÖÁ ^}c@é|c^! ^á}^!Á Ü^\*^!~}^\*Á à^c!^•~}áá ~}à^:æ@|c^}Á W|jæ~àÉÁ Ü {áçÁ à|^!áçÁ ^•Á  
á^}ÁÜ^}•ä[ ]•\æ••^}Á •^!á^!Á >à^!|æ••^}ÉÁ ,æÁ ->!Á ^á}^!Á Š4~}^\*Á •á^Á æ}áá^c^}ÉÁ Ö!}~}á^•é:c!j&@Á à|^!áçc^!  
áá^ÁX^!•ä&@^!~}^\*Á ,é@!^}áá^}Á^•Á ~}à^:æ@|c^}ÁW|jæ~à•Á á^•c^!^}ÉÁ Öä^Á ç^!•ä&@^!c^!Á Ü^!• [ ]Á @æc^! áá^Á Yæ@|Á :\_ä&@^}Á  
á^!ÁZæ@|~}^\*Á á^!Á Ö^!çc^!^Á Çä}Á á^!Á Ü^\*^!Á æ~&@Á äá^!^}á^}Á á^•Á ÇE!á^æ\*c^!á^!DÁ ~}áÁ X^!•ä&@c^! æ~Á  
^á}^!ÁÖ^!çc^!æ\*•:æ@|~}^\*ÉÁ Q {Á ^!c^}Á Øæ||Á à|^!áçc^! á^!ÁX^!•ä&@^!~}^\*••&@~c:Á ~}ç^!@é}á^!c^! á^•c^!^}ÉÁ Q {Á :\_äçc^}Á  
Øæ||Á !á^~}^!á^}Á •ä&@Á æ||^}Á æ} ,æ!c^!&@æ-c|j&c^!^}Á Ü^}c^!|^!c~}^\*^}Á ~} {Á ^á}^!Á ç^!@é|c}á^ {é••á^\*Á á^•&@^!á^}^!Á  
S>!:~}^\*ÉÁ

**6YfYW\bi b[# :Yf]Yb\_~fni b[**

Öv!Á Ø^!á^}æ}•]!~&@Á !ä&c^!c^! •ä&@Á ^\* {é••Á Ü^!• [ ]æ|á^!c^!}æ&@Á á^!Á ^}c|4@}c^}Á Ö^•&@é-c^\*~}^\*•áæ~^!ÉÁ Yá!áá  
^á}Á ~}à^:æ@|c^!Á W|jæ~áá à^æ}c!æ\*cÁ ~}áá à^\_ä|j^\*c^!Á {~••Á á^ {^}c^!^&@^}Á á^!Á Ø^!á^}æ}•]!~&@Áæ}•]!~&@Áæ}•]!~&@Á  
\*^!>!:c^! ^!á^}ÉÁ Öä^Á S>!:~}^\*Á ,á!áá {Á Z^!á^c^!æ••~}^\*••^•c^! {Á á~!&@Á á^}Á Ü^!• [ ]æ|áá^}•c^!á^}^\*^!c^!^}É  
Á

**Í9]bzf]YfYb'íXYf'9fZU\fi b[ggHiZY**

Yá!áá ^á}Á ~}à^:æ@|c^!Á W|jæ~áá ->!Á |é}^\*^!Á æ|Á ^á}Á Ræ@!Á \*^\_é@!c^!Á •[Á ä•cÁ äá^Á Ö!-æ@!~}^\*•c~^!Á æáá á^ {Á :\_äçc^}Á  
W|jæ~à•æ@!Á^!á}~}~!á^}Á^!Á^•]ÉÁá^!Áäé@!|j&@Á^ÁÇE}•c^!Á:~!áç^! [ ]^}É  
Á

**?c adYbgUh]cb'jcb'yVYfghi bXYb'**

%^!á^!c^}á^}^!Á •ä}áÁ ÇE!á^æ\*c^!c^}á^}ÉÁ ,|&@^!Á äá^Á ÇE!á^æ\*c^!á^}Á >à^!•&@!^çc^}ÉÁ äá^Á ç^!æá!á^c^!  
[á^!Á>à!j&@ÉÁá^:á^~}^\*• ,^á^!ÁÇE!á^æ\*c^!c^!c^!á^!Ác^!Á^!Ác^! { c^!á^c^!Á

Q {Á Öä}ç^!c^!é}á^•Á {áçÁ á^ {Á ÇE!á^æ\*c^!á^!Á \æ}}Á á^!Á ÇE!á^æ\*c^!^@ {^!Á äá^Á ^!á^!c^}á^}Á ä}^!@æ|áá  
^á}^!Á^!áæ}^\*^! {^••^}Á Z^!á^c^!æ {^•Á á~!&@Á Ø!á^:á^!c^! ç[ ]Á {á^!c^}Á \*|^!á&@^!Á Öæ~^!Á æ~•|^!á&@^}ÉÁ  
ÇE!ÁS [ { ]^}•æc^! {^•:á^!c^!æ {Á ,^!á^}Á }Á á^!Á Ü^\*^!Á F!Á Y [ &@^}Á æáá Š^•c~}^\*Á á^!Á ^!á^!c^}á^}Áæ!á^!áçc^! á^!á^}Á^!c^!  
Ö^}ÁÜ^!çc^!^}Á •c^!c^!Á ^•Á b^!á [ &@Á -!^!á^}Á ^á}Á |é}^\*^!Á Z^!á^c^!æ {Á :~!á ç^!^!á}áæ!^}ÉÁ äá^•^!Á äæ!-á æ||^!áá}^\*•Á äá^Á Öæ~^!Á  
ç[ ]ÁFGÁ T [ ]æc^!Á }ä&@c^! >à^!•&@!^çc^}Á ÇÇE!c^!Á G!Á ÇE!á^ÉÁ GÁ ÇE!ÖXÁ FDEÁ Öä^Á Z^!á^c^! [ { ]^}•æc^! [ ]Á ç[ ]Á ^!á^!c^}á^}Áæc^!  
•ä&@Á}æ&@Áá^}ÁÖ^!á>!-}••^}Áá^!Á^!ÁÇE~c!æ\*•ÉÁ~}áÁÜ! [ b^!c^!æ\*^!á^ { ÁÖ^!c^!á^!Á:~!á!á&@c^}É  
Á

Öä^Á ÇE}c!æ\*•c^||^!Á }Á á^!Á ÇE}c!æ\*•c^||^!Á à^•c^!c^!c^!Á ç[ ]Á á^}Á [á^}Á ^!\_é@}c^}Á Ö^!c^! { { ~}^\*^}Á  
æ} |é••|j&@Áá^!ÁÖä}^!á^!á^}Á^!á^}Á ~}á^•Á W|jæ~à•^•&@Á S^}c^}á^}Á [ { { ^}Á :~!áæá^}Á ~}áÁ ä•c^! áæ { áçÁ^!á}ç^!c^!á^}ÁÉÁ