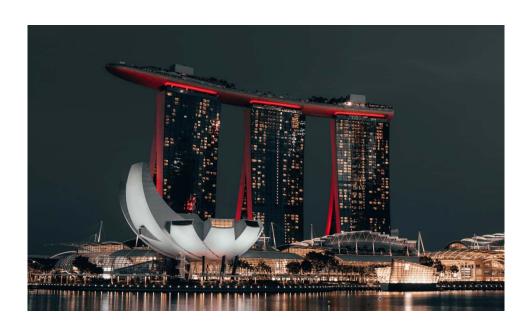


## 



(' 'I 'XYf'%") \$\$ '6YZfU[hYb'Uig'G]b[Udif']b'Y]bYf'\_Øfn`]W\
XifW\[YZØ\fhYb'IaZfU[Y'jcb'\DXYdYbXYbh'FYgYfjY'[UVYb'Ubž
XUgg'g]Y'Y]bY'[Yk]ggY'AYb[Y'Ub'?fmdhckÀ\fib[Yb'VYg]hnYb"'\=a
JYf[`Y]W\'XUni'gW\AhnhY'X]Y':cfgW\ib['XYg'`YhnhYb'\J\fYg'X]Y
NU\``UiZ'YhkU'(\$'I ž'kÀ\fYbX'X]Y'5Xcdh]cbgfUhY']a'\J\f'&\$&%

++'ı 'XYf'< C8@Yf'[UVYb'Ubž'nkY]'cXYf'a Y\f'X][]hU`Y'5ggYhg'ni VYg]hnYbž'k cVY]'X]Y'8]j Yfg]Z]n]Yfi b['XYg'DcfhZc`]cg'XYf <Ui dh[fi bX'ZØf'X]Y'=bj Ygh]h]cb']qh"

# 8]Y bYi Yb HfYbXg bUW XYf K ]YXYfVY YVi b[XYg A Uf\_hYg

5V[YgY\Yb'jcb'XYf'nibY\a YbXYb'9]bZØ\fib['jcb'?fmdhc'\UVYbX]Y'G]b[UdifYf'Y]b'Yf\O\hYg'K]ggYb'[YnY][hž'kcVY]'-%'IUb[UVYbž'XUgg'g]Y'g]W\XYf'5b`U[Y\_`UggY'VYkiggh'g]bX"'6]hWc]b']gha]h', +'I '5bYf\_Ybbib['Ua'VY`]YVhYghYbž'kÀ\fYbX'9h\YfYia'a]h)%'I 'Ub'nkY]hYf'GhY``Y'ghY\h"

8]Y'ghY][YbXY'Dcdi`Uf]hÀh'j cb'5`hWc]bg'nY][hž'XUgg']a a Yf'a Y\f G]b[UdifYf'VY[]bbYbž'a Y\f'6YkigghgY]b'ZØf'UbXYfY ?fmdhck À\fib[Yb'bYVYb'6]hWc]b'ni 'Yf`Ub[Yb"

8]Ygʻ]ghʻY]bʻj ]Yʻj YfgdfYWXYbXYgʻNY]WXYbʻZØfʻX]Yʻ6fUbWXYžʻXU
]a a Yfʻa Y\fʻ\dot j YghcfYbʻNi [ Ub[ ˈni ˈj YfgWX]YXYbYbʻ5fhYbʻj cb
6`cW\_WXU]bgʻi bXʻDfc Y\_hYbʻYf\U`hYbžʻX]YʻY]bYbʻ]bbcj Uh]j Yb
Bi hnYbʻi bXʻXUgʻDchYbn]U``\UVYbžʻVfY]hYfʻZØfʻfYU`Yʻ5bk YbXi b[ Yb
i bXʻ5bk YbXi b[ gZÀ``YʻØVYfbca a Ybʻni k YfXYb žʻgU[ hYʻ@UgUb\_U
DYfYfU``79Cʻj cbʻ\dot XYdYbXYbhʻF YgYfj YʻG]b[ UdcfY``[ YbUbbh''

8]Y'<À`ZhY`XYf`DYfgcbYbž`X]Y']b`XYb``YhnhYb'%&`AcbUhYb`UiZ`XYb Ni['UiZ[Ygdfib[Yb'g]bXž'[UV'Ubž'jcb': Ua]`]Yba]h[`]YXYfbž : fYibXYb'cXYf'gcn]U`Yb'AYX]Yb'VYY]bZiggh'kcfXYb'ni'gY]b"

 $\label{eq:continuous} $$\dot b [Y'AYbgWXYb'g]bX'j]Y`U_h]jYf']b'XYf'6fUbWXY'U`g'A`hYfY ; YbYfUh]cbYb''8]Y'&*!'V]g'')!$$\lambda f][Yb'jYfZØ[Yb'ØVYf'X]Y'VYghYb $$$ 

:  $UWX_Ybbhb]ggY''')$  - 'i 'XYf'%, !'V]g'&) !AYf[ Yb'g]bX'XYf'A Y]bi b[ ž XUgg'Y]bY'VYggYfY'6]`Xi b[ 'Y]b'k ]WXh][ Yf':  $U_hcf'$ ]ghž'i a 'JYfhfUi Yb ]b'X][ ]hU`Y'5ggYhg'ni '[ Yk ]bbYbž'j Yf[ `]WXYb'a ]h') ' 'i ']a 'Uf &\$&&"

## 8]Y'a Y]ghYb``Ub[Zf]gh][Yb`=b\UVYf`\UVYb fY[]ghf]YfhY'; Yk]bbY

8 Ugʻhi fVi `YbhYʻJJ\f'&\$&&`\UhʻXUgʻ\_i fnZf]gh][ YʻJ YfhfUi Ybʻ]b ?fmdhck À\fi b[ YbʻVYY]bhfÀW\h][ h"'HfchnXYa '[ UVYbʻ+&`i 'U``Yf <C8@Yf'Ubž'XUggʻg]Y': fYi bXYbʻi bX': Ua ]`]Yba ]h[`]YXYfb Ya dZY\`Ybʻk ØfXYbž']bʻX][ ]hU`Yʻ5ggYhgʻni ']bj Ygh]YfYb"

+, `I `XYf^b][YbžX]Y`gY]h`ØVYf`ZØbZ`\*J\fYb`HY]``XYg`²\_cgmghYa g g]bXž`gU\Yb`XYb`K Yfh`]\fYf`?fmdhcg`ghY][Yb"`5bXYfYfgY]hg`\UhhYb (\$`I `XYf`DYfgcbYbž`X]Y`j cf`k Yb][Yf`U`g`Y]bYa `\*J\f`a]h`XYa ±j Ygh]YfYb`VY[cbbYb`\UhhYbž'JYf`i ghY`[YaY`XYh"

## K Y]V`]W\Y`⇒bj YghcfYb`g]bX`Ui Z`XYa Jcfa UfgW\

±bXYdYbXYbh'FYgYfj Y'ghY``hY'ZYghž'XUgg''+'ı 'XYf'kY]V`]W\YbHY]`bY\a Yf']b'?fmdhckÀ\fib[Yb']bj Ygh]Yfh'\UVYbž'+'ı 'a Y\f'U`g]a 'Jcf'U\f"

: fUi Yb`\UVYb`A ÀbbYf`Ui W\`VY]`XYf`9fn]Y`i b[`j cb'; Yk ]bbYb
ØVYfhfcZZYbž'k cVY]'+\*`ı 'ni [YVYbž'XUgg'g]Y`Ybhk YXYf`Yhk Ug'; Y`X
j YfX]Ybh'cXYf`X]Y'; Yk ]bbgW\k Y``Y'YffY]W\h'\UVYb"; `Y]W\nY]h][
VYghÀh][hYb'+&`ı 'XYf'a Àbb`]W\Yb'=bj YghcfYb'XUggY`VY"

9]b'J]YfhY`XYf': fUi Yb'\Uh'ØVYf'&\$'i ']\fYg'JYfa Ò[Ybg']b'X]Y 5b`U[Y\_`UggY']bj Ygh]Yfhž'(, 'i 'd`UbYbž']b'Ni \_i bZh'bcW\'a Y\f'ni ]bj Ygh]YfYb"

< O\YfYg'9]b\_ca a Yb'ZOfXYfh'[fO»YfY
=bj Ygh]h]cbYb</pre>

5bgWX`]Y» YbX`ZUbX`X]Y`: cfgWXi b[`\YfUi gž`XUgg`X]Y

±j Ygh]h]cbggi a a Y`j cb`XYb`; Y\À`hYfb`XYf`A YbgWXYb`UV\Àb[h"
Bi f`, `i `XYf`g]b[ Udi f]gWXYb`±j YghcfYbž`X]Y`V]g`ni `("---`I G!
8c``Uf`]a `A cbUh'j YfX]YbYbž`[ UVYb`Ubž`%"\$\$\$`I G!8c``Uf`cXYf`a Y\f
dfc`A cbUh'ZØf`?fmdhc`VYfY]hni ghY``Yb"`=a `; Y[YbgUhn`XUni
j YfhY]`Yb`)'` i `XYf`DYfgcbYb`a ]h'Y]bYa `; Y\U`h'j cb`a Y\f`U`g
%\$"\$\$\$`I G!8c``Uf`a cbUh`]WX`%"\$\$\$`I G!8c``Uf"

XYYf'j ]YfhY'< C8@Yf']bj Ygh]Yfh'U``Y'' \$'HU[Y'ØVYf'%"\$\$\$'`']b
X][]hU`Y'5ggYhgž'Y]bY'GhY][Yfi b['j cb'('i 'gY]h'&\$&&"'8Yf'5bhY]`
XYfYfž'X]Y'a cbUh`]W\'?fmdhc']a 'K Yfh'j cb'%\$"\$\$\$'`'cXYf'a Y\f
\_Ui ZYbž']gh'i a '%'i '[Ygh]Y[Yb"</pre>

8 Ugʻ9]b\_ca a YbggY[a Ybhj cb·+"\$\$\$`V]gʻ- "\$\$\$`G` žʻXUgʻXYb \OWXghYb 5bhY]``gY]bYgʻ5b`U[YdcfhZc`]cgʻ]bʻ?fmdhck À\fi b[ ]bj Ygh]YfhYž\Uhʻ\* + `i žʻX]YʻVY\Ui dhYbžʻY]bYbʻ; Yk ]bbʻYfn]Y`hʻni \UVYb"'G]Yʻg]bXʻUi WXʻXUgʻGY[a YbhžʻXUgʻUa 'ni j Yfg]WXh`]WXghYbʻ]b 6Yni ['Ui ZʻX]Y``Ub[Zf]gh][Yʻ@YVYbgZÀ\][\_Y]hʻXYg ?fmdhck À\fi b[ga Uf\_hYgʻ]gh" 'X]YʻGhi X]Yʻg\_]nn]Yfh"

. . 11

#### 8 Y hU]`a

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z. '\_fmd hc!bYk g"Uh