

## : 7 '9bYf[]Y '7chhVi g. '@Ub[Yg'K UfhYb']a HfU]b]b[g`U[Yf']b'2 ghYffY]WX °

: 7 '9bYf[]Y '7chhVi g 'VY[]bbh 'gY]b 'HfU]b]b[g`U[Yf`]b
2 ghYffY]W 'Ua '%+"'; `] '&\$&) "'9fghY 'HYghgd]Y`Y'i bX'bYi Y
Gd]Y`Yf`ghY\Yb 'Ub"



 $< U[YbVYf[\check{z}^{2}ghYffY]WX^{2}:5a^{2}w,^{2}w^{2}] \&\&)^{2}VY[Ubb^{2}Z@f^{2}XYb^{2}:7] \\ 9bYf[]Y^{2}chhVig^{2}y]b^{2}bYiYg^{2}5VYbhYiYf^{2}a^{2}&&)^{2}VY[Ubb^{2}Z@f^{2}XYb^{2}:7] \\ A UbbgWXUZh^{2}jYfgUa^{2}a^{2}hY^{2}y]W^{2}VYfY]hg^{2}Ua^{2}8cbbYfghU[a^{2}cf^{2}Yb^{2}]b^{2}XYf^{2}uV]bY\check{z}^{2}ia^{2}[Ya^{2}y]bgUa^{2}]b^{2}X]Y^{2}J^{2}cfVYfY]hi^{2}b^{2}V^{2}GU]gcb^{2}&&&&\\ &\&&&\\ &&$ 

BUWX 'XYa 'HfU]b]b['[UV'Yg'Y]b'[Ya Y]bgUa Yg'A]hhU[YggYbž'XUg X]Y'Gd]Y`Yf'Ui Z'XYb'UbghY\YbXYb'`Ub[Yb'FY]gYa UfgWX Y]bgh]a a hY"'8]Y'5VZU\fh'bUWX'2 ghYffY]WX'k Uf'ZØf'%' 'I\f'[Yd`Ubhž XcWX'Ui Z[fi bX'XYf'@Yb\_nY]hYb'XYg'6i gZU\fYfg'i bX'XYf'[Yk À\`hYbFci hY'ØVYf'BØfbVYf['i bX'FY[YbgVi f['j YfgdÀhYhY'g]WX'X]Y

 $5bfY]gY'ibX'YbXYhY'Yfgh'[Y[Yb'&%.%)'I\f']a''6Ygh'KYghYfb\\ DUf\_\chY`']b'<UfXYbVYf[ž'AØ\`_fY]g'''8Ua]h'hfUZ'X]Y'AUbbgW\UZhXfY]'GhibXYb'gdÀhYf'U`g'ifgdfØb[`]W\'YfkUfhYh'Y]bž'k]Y'UiW\'HU[&('VYf]W\hYh''$ 

## 9]b 'dfU```[ YZØ``hYf'NY]hd`Ub

I a 'XUg'HfU]b]b['k Y]hYf'ni ']bhYbg]j ]YfYbž'ZcfXYfhY'5h\`Yh]\_hfU]bYf H]a 'GW\bY]XYf'X]Y'Gd]Y`Yf'bUW\'XYa '6Yni [']\fYf'N]a a Yf'Ui Zz'X]Y HfU]b]b[gi hYbg]`]Yb']b'XYb': ]hbYggfUi a 'XYg'<chY`g'ni 'Vf]b[Yb" 8 Ug'HYUa 'VYYbXYhY'XYb'5bfY]gYhU['a ]h'Y]bYa '[Ya Y]bgUa Yb 5VYbXYggYb'i bX'Y]bYa '`cW\_YfYb'D`Ui gW\ž'VYj cf'Yg'ZfØ\nY]h]['ni 6Yhh'[]b["'9]b'bYi Yg'HfU]b]b['k UfhYh'\U'gW\cb'Ua 'bÀW\ghYb A cf[Yb"

 $8 \ Ug': f\emptyset \setminus gh\emptyset \lor V_i = gh'Z\emptyset f', ... + f'Ub[YgYhnh'i bX'Zc'[h'X]fY_h'Ui Z'X]Y$   $B \ UWXhfi \setminus Y'' = a \cdot \%\$... + f'ghY \setminus h'VYfY]hg'X]Y'b AWXghY$   $HfU]b]b[gY]b \setminus Y]h'Ui Z'XYa \cdot D'Ubž'VYj cf'Yg'XUbb'ni a \cdot YfghYb$   $HYghgd]Y'']a \cdot F \ U \setminus a \cdot Yb'XYg'HfU]b]b[g'U[Yfg']Y \setminus h''$ 

## 8 Ug YfghY 'HYghgd]Y`

I a '%, 'I \f'k ]fX'XYf': 7'9bYf[]Y'7chhVi g'[Y[Yb'XYb ÒghYffY]WX]gWXYb'9fgh`][]ghYb'GJ'CVYfVUb\_F]YX']b'XYf'\bj ]YfhY` 5fYbU'UbhfYhYb'': Øf'X]Y': Ubg'[]Vh'Yg'X]Y'A Ò[`]WX\_Y]hž'XUg ; YgWXY\Yb']a '@]j YghfYUa 'Ui Z': 7'9bYf[]YHJ'ni 'j YfZc`[Yb''8]Y Ub[YdY]`hYb'HYghgd]Y`Y']a 'HfU]b]b[g`U[Yf'ghY``Yb'Y]bY'[Y`i b[YbY FØW\_\_Y\f'bUWX'nY\b'\J\fYb'XUf' 'i bX'XUg'\bhYfYggY']gh'[fc\zetaz'k]Y' : 7'9bYf[]Y'i bX'HU[&('i bhYfghfY]WXYb''

8 Yf? UXYf'i a ZUggh']bg[ YgUa h'&) 'Gd]Y`Yfž'k cVY]'A UI '6Ò\b\_Y'U`g bYi Yf'Hcf\ØhYf'a ]h'XUVY]']gh'i bX'Hc`WUm'7][ YfW]'hfchn K YW\gY`[ YfØW\hYb']a 'HYUa 'V`Y]Vh''5V[ Yfi bXYh'k ]fX'X]Y A UbbgW\UZh'Xi fW\'U``Y'UbXYfYb'Gd]Y`Yfž'X]Y'Z]h'i bX'VYfY]h'g]bXž X]Y'<YfUi gZcfXYfi b[ Yb'XYg'HfU]b]b[ g`U[ Yfg'i bX'XYf VYj cfghY\YbXYb'GU]gcb'Ubni [ Y\Yb"

8 YhU]`g	
Cfh	<u[ybvyf[ž<sup>2ghYffY]WX</u[ybvyf[ž<sup>
EiY``Yb	• k k k "ZVWbYf[]Y"XY
	• k k k "hU[ &( "XY

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z. 'b!U[ "bYh