



A Uf]cb '7ci b hmž: `cf]XUž'I G5 !!H\Y'YI W]hYa Ybh']g'dU`dUV`Y'Ug h\Y'A Uf]cb '7ci b hm'\][\'gW\cc``ZcchVU```gWYbY'[YUfg'i d'Zcf Ubch\Yf'YI\]`UfUh]b['gYUgcb"'=b 'h\Y'\YUfhcZ'h\]g'UWh]cbž'fi bb]b[VUW_g'hU_Y'WYbhYf'ghU[Yž'bch''A gh'k]h\'h\Y]f'Uh\`Yh]Wdfck Ygg'Vi hUg'j]hU``Wc[g']b'h\Y]f'hYUa g'Ua V]h]cbg"'H\Y'fi bb]b['VUW_dcg]h]cbž'cZhYb'cj Yf`cc_YX']b'h\Y'B:@'gdch`][\hž'\c`Xg'g][b]Z]WUbh]a dcfhUbWY'`cWU``m"'5g'C WU`U"Wca 'fYdcfhgž'YghUV`]g\]b['U'fcVi gh fi bb]b['[Ua Y'\Ug'VYYb'Wfi W]U`'Zcf'h\Y'd`UmcZZ'gi WWYgg'cZ'Vch\8i bbY``cb'UbX'J Ub[i UfX'`Ugh'gYUgcbž'UbX'h\]g'mYUf'dfca]gYg'hc Wcbh]bi Y'h\Uh`Y[UWm'

CbY'd`UmYf'hc'_YYd'U'_YYb'YmY'cb']g'B]W\c`Ug'A]``g'Zfca 6Y``Yj]Yk ž'k \c']g'Ya Yf[]b['Ug'U'`YUX]b['fi bb]b['VUW_']b'h\Y $\label{lem:conditions} We is bhm'' 5`cb[g]XY'\] a ~~z'?Yn'F]j Yfg'Zfca ~~: cfYgh'UbX'K mUhh'@ WUg Zfca ~~Hf]b]hm'7 Uh\c`]WUfY ghfcb[~~WcbhYbXYfg'j m]b[~~Zcf'h\Y'h]h`Y'cZ hcd'fi bb]b[~~VUW_"'H\]g'&$&) ~~gYUgcb'k]```VY'd]j chU``]b'XYW]X]b[h\Y'U``!Wci bhm'fUb_]b[g'Zcf'h\YgY'Uh\`YhYg"$

Dfc YWhYX: YUhi fY 6UWg

 $\label{lem:condition} $$H\Y'XYdh\'cZ'hU`Ybh'Uh'A\ Uf]cb'7ci\ bhm'gW.cc`g']g']a\ dfYgg]j\ Yž'k\]h\ Ub'UffUm'cZ'fi\ bb]b[\ 'VUW_g'dc]gYX'hc'a\ U_Y'U'X]ZZYfYbWY'Zcf'h\Y]f\ hYUa\ g.$

• 6Y``Yj]Yk.

- B]W\c\Ug\A]\\g'\GYb]cf.\'5]a]b[\'hc\g\]bY\'Ug\cbY\'cZ C\W\\U\g\hc\d\fi\bb]b[\'V\U\W\g\'\
- ?YcbXfY':]``a cfYž'GYb]cf.'G\]Zh]b['VYhk YYb ci hq]XY'`]bYVUW_Yf'UbX'fi bb]b['VUW_"

• 8i bbY``cb.

- Hcbm'HUbbYfž'\$\delta\$ b]cf. '5 'bchUV`Y'_]\W_'fYhi fbYf'k]h\
 ' (\$'U``!di fdcqY'mUfXq'`Ugh'qYUqcb"
- ? Ua 'K \YY'Yfž' \not b]cf. ' \not b]b['U'fi bb]b['VUW_'WfYk h\Uh''cgh'U'bchUV'Y'dYfWYbhU[Y'cZ'h\Y]f'fi g\]b[mUfXg"

• : cfYgh.

- ?Yn'F]j Yfgž'¾ b]cf.'5`gc'hU_]b['cb'ci hg]XY`]bYVUW_Yf'Xi h]Yg"
- *JmXYb'GYffUbcž'GYb]cf.'@YX'\]g'hYUa']b'fig\]b[hci WXck bg'Zcf'h\Y'dfYj]ci g'gYUgcb"

• @U_Y`K Y]f.

- ?Yj]b @ WUgž is b]cf. K cf_YX k]h\ ``]a]hYX d`Um]b[h]a Y ``Ugh gY Ugcb"
- 9bf]ei Y GUbh]U[cžGcd\ca cfY. 7cbhf]Vi hYX
 XYZYbg]j Y`m`]b hk c j Ufg]hm`[Ua Yg"

• Bcfh\ A Uf]cb.

- K]```\angle b [cn]Ub\u00e4`GYb]cf. `HfUbg]h]cb]b['\u00e4Zfca 'g`ch fYWY]j Yf'hc'fi bb]b['VUW_"
- *Ja Uf]cb'K \]hh]Yfž'GYb]cf.'5'hfUbgZYf'Zfca': cfYghž YldYWhYX'hc'a U_Y'Ub']a dUWhZi `YbhfUbWY"

• $Hf]b]hm'7Uh\c`]W$

K mUhh'@ WUgž'GYb]cf. '7ca]b['cZZ'U'gYUgcb'k \YfY \Y'k Ug'h\Y'hYUa ''YUXYf']b'fi g\]b['mUfXg'UbX hci WXXck bg"

• J Ub[i UfX.

- *Ja Yg`Di ``]b[gž'\$ b]cf. '? bck b`Zcf'\]g`gi ghU]bYX
 dfcXi Wh]j]hm/'YmY]b['U'VfYU_ci h'dYfZcfa UbWY'h\]g
 gYUqcb"
- GYf[]c; i bgVmž' > b]cf. '5' j YfgUh]`Y'Uh\`YhY'WUdUV`YcZ'd`Um]b['j Uf]ci g'dcg]h]cbg"

• K Ygh Dcfh.

7\f]g'8Uj]gž'\$\disploint\$b]cf. 5'd\mg]\W\`fi bbYf'Ubh]\W]dUhYX
 hc'\W\h\\`cddcbYbhg'c\Z\'[i UfX'h\]g'gYUgcb"

D`Umc ZZ'D]Whi fY

5g'hYUa g'hU_Y'h\Y'Z]Y`Xž'h\Y'dYfZcfa UbWYg'cZ'h\YgY'hU`YbhYX fi bb]b['VUW_g'Wci `X'j Yfm'k Y```XYhYfa]bY'h\Y'ZUhYg'cZ'h\Y]f gW\cc`g']b'h\Y'i dWca]b['d`UmcZZ'VUhh`Yg"': Ubg'WUb'`cc_'Zcfk UfX'hc YI W]h]b['[Ua Ygž'dfca]g]b['mci b['Uh\`YhYgž'UbX'h\Y'gd]f]h'cZ Wca a i b]hm'h\Uh'A Uf]cb'7ci bhm'ZcchVU``'Ya VcX]Yg"

8 YhU]`g	
Cfh	AUf]cb'7cibhmž:`cf]XUžIG5
EiY``Yb	• k k k "cWU`U"Wca
	• gdcfhg"mU∖cc"Wca

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