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&kX *Li WUİ OßQ QK©W FëD KjPEVÖJ"
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&kX &KR KuQK FKys 6 \$W&P ýJLiF%&XQJ F&Q DYBL\$%SD YX{QJ Jy
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&kX &KR ÿx WK $\frac{\sqrt{x}}{x}$ & ÿx WKİ & Fy EDR QKLrX ÿmáQJ WLËP F±
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&kX &KR KuQK FkyS ABCD Oj KuQK YX{QJ JyF «Q Omç W Oj
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&kX &KR Oj FiF VÕ KóX WµWKR§aPmRQ bORJ.KL ÿy WµQFy JLi
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&kX 3KmkQjxWµuQkm mOj WKDP VÕ Fy QJKLËP SKkQ ELËW NK
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' x WKİ KjPaVÖj §^x yÖL [íQJ QKDX TXDaWUéF KRjQK YBL

&kX ¥R KjP FëDyKjP OjÖ

\$ y $\frac{x}{OQ}$ %y x OQ & y $\frac{x}{OQ}$ ' y x OQ

&kX 9BL JLi WUİ QjR FëD y mKk\ x y * WKjİ WjLPÉ FÖF ±Q QJDQJ"
\$ m z r %m r & m z r ' m r

&kX &KR KjP xÖ x &KÑQ NK·QJ yİQK y~QJ WURQJ FiF NK·QJ
\$ +jP VÖ Fy FöF y¥L Yj FöF WPLÇÖ Fy y~QJ PÝW yLÇP FöF WU
& +jP VÖ OX{Q yxQJ ELÄQ WUrQ VÖ Fy FöF WLÇX Yj FöF y¥

&kX &KR yx WKİ^x & WLÄS WX\ÄQ YBL yx WKİ & WU W¥W YBLÇ
KDL ymáQJ WLÉP F±Q FëD & PÝW WIDÉPQJ WtFK yGIEÉQ Jw tFK NK{
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Yj WUéF KRjQK Oj
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&kX +jP VÖ QjR VDX yk\ QJKİFK "ELÄQ WUrQ NKRŞQJ

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&kX &KR O QJ WUé \$%& \$¶%¶&¶ Fy yi\ OjaWDP+JQİK FKİÇÖX FKQO
FëD \$¶ OrQ P»W SK·QJ \$%& Oj yLÇP +SWK»XV FE FG Q\$%\$¶\$¶ RWFK
PÝW JyF 7KÇ WtFK NKÖL O QJ WUé Oj

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&kX 0ÝW FRQ Fi KxL EkL QJmçF GzQJ QmNP yÇ ±QmWÖ Fy WDNK
Ojkmh *LŞ Vñ Y±Q WÖF EkL FëD FkmNKL1 QmBmç QJOWQJXOK DR Fë
JLá ymçF WtQK W&KVR FQJKWQJFVÖ FKR WUmBF ykQ FyİDFEDNKQJ
QmBF yİQJ \rQ yFÖQFj Wtç QJKDR tW QK©W Oj
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&kX 0ÝW F{ JLiR G¥\ Y Q JñL WULÉX FyWJQORGLKNOJK¥OL OWh
WUrQ Q P +ÓL VDX Q P WKİQJ F F JLiR QIK ±Q FmB FQKÖ rW LEÄQ
U~W OmL ā W©W FŞ FiF Nu K¥Q WUmBŞ QjmQÄX©W WUWU RFR QJk
WUrQ QJj\ "
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$$\$ 9\beta Lm \text{ ýx } WK\ddot{I} \quad \& \quad OX\{Q F^3W G W\neq L \quad \ddot{y}L\check{C}P SKkQ EL\ddot{E}W$$

$$\% 9\beta Lm \text{ ýx } WK\ddot{I} \quad \& \quad OX\{Q F^3W G W\neq L \quad \ddot{y}L\check{C}P SKkQ EL\ddot{E}W$$

$$\& 9\beta Lm \text{ ýx } WK\ddot{I} \quad \& \quad OX\{Q F^3W G W\neq L \quad \ddot{y}\sim QJ \quad \ddot{y}L\check{C}P GX\backslash QK\odot W Fy k$$

$$' 9\beta Lm \text{ ýx } WK\ddot{I} \quad \& \quad OX\{Q F^3W G W\neq L \quad \ddot{y}\sim QJ \quad \ddot{y}L\check{C}P GX\backslash QK\odot W$$

&kX &KR KuQK FKyS 6 \$%& Fy 6\$ 6% 6& WDPWLiF%\$%\$&Dj W&P
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WK·QJ & 0 YBL P»W SK·QJ \$&& \$ "

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&kX 3KmkQJVWQVQ VLQ Fy KÑ PÝW KÑ QJKLËP Oj

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&kX &KR KuQK FKyS W D ABCJLX FQJA W¥LAC aI Oj WUXQJ ýLÇP
SC KuQK FKLÃX YX{QJ JyF FëD & OrQ P»W ÇPSK·QëD \$%& 7WQK QJy FY BL¥
W¥R YBL ýi\ JyFt QK NK R\$ QJ IFj Å Q W ¥ W S S P · W K HR

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$$\$ \quad \% \quad \& \quad ' \quad$$

&kX &KR Kjp x/Ömx m x m m x WKİ Kjp VÖ Fy KDL ýLÇP
JÖF WR¥ ýÝ 2 PÝW WDP JLiF YX{QJ W¥L 2 NKL

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