Vgpvcvkxg"K o rng o gpvcvkqp"Fcvg<"Lwn{"3."4246

"

RCKF"RCTGPVCN"NGCXG"

"

KO <u>Rwtrqug</u>""

""

 $\label{thm:continuous} V j ku"rqnke \{ "guvcdnku j gu"v j g "gnk i kdknkv \{ "cpf"v j g "rtqegfwtgu"hqt"wug"qh"rckf"rctgpvcn"ngcxg"hqt"gnk i kdng"g o rnq \{ ggu"qh"cp \{ "ec o rwu." fkxkukqp."qt"wpkv"qh"v j g "Wpkxgtukv \{ "qh"Ctmcpucu"U \{ uvg o 0 nu \} uvg o 0 nu \} uvg o 0 nu \} uvg o 0 nu \}$

KKO <u>Gnkikdknkv</u>{

""

 $\label{eq:chigh-equiv} Chvgt"vyq" \{gctu"qh"eqpugewvkxg."dgpghkvu/gnkikdng."u\{uvgoykfg"gornq\{ogpv."cp"gornq\{gg"gpvkvngf"vq"ngcxg"wpfgt"vjg"Hcokn{"Ogfkecn"Ngcxg"Cev"*HONC+"ku"gnkikdng"hqt"rckf"rctgpvcn"ngcxg"qp"vjg"eqpfkvkqpu"fguetkdgf"kp"vjku"rqnke{0"}$

 $Rckf"\ rctgpvcn"\ ngcxg"\ o\ c\{"\ qpn\{"\ dg"\ wug\ f"\ eqpewttgpvn\{"\ y\ kvj"\ Hc\ o\ kn\{"\ O\ gf\ kecn"\ Ngcxg0"\ Rckf"\ rctgpvcn"\ ngcxg"\ fqgu"\ pqv"\ etgcvg"\ cp"\ cf\ fkvkqpcn"\ rgtkqf"qh"\ rtqvgevgf"\ ngcxg0""\ Cp"g\ o\ rnq\{gg"j\ cxkpi"\ gz\ j\ cwuvg\ f"\ Hc\ o\ kn\{"\ O\ gf\ kecn"\ Ngcxg"\ gnk\ i\ kdknkv\{"\ j\ cu"\ pq"\ rckf"\ rctgpvcn"\ ngcxg"\ gnk\ i\ kdknkv\{"\ wpvkn"\ gnk\ i\ kdknkv\{"\ hqt"\ Hc\ o\ kn\{"\ O\ gf\ kecn"\ Ngcxg"\ ku"\ tguvqtgf\ 0\$

 $Rckf"rctgpvcn"ngcxg"ku"cxckncdng"vq"gnkikdng"gornq\{ggu"yjq"ctg"c"dktvj"rctgpv."ngicn"urqwug"qh"vjg"dktvj"rctgpv."cp"cfqrvkxg"rctgpv."qt"c"hquvgt"rctgpv0"Gornq\{ggu"rcrcd$

HO GH/J-331.62-H0.33

 $gswcnn \{ "dgvy ggp"vjg"vyq"go rnq \{ ggu"kh"vjg"go rnq \{ ggu"ctg"wpcdng"vq"citgg"qp"vjg"cnnqecvkqp"qh"vjg"rckf"rctgpvcn"ngcxg0 \} \\$

 $Cp"g\ o\ rnq\{ggu"\ y\ j\ gp"dqvj"rctgpvu"ctg"gnk\ i\ kdng"g\ o\ rnq\{ggu+"\ o\ c\{"tgegkxg"rckf"rctgpvcn"ngcxg"c"\ o\ czk\ o\ w\ o\ "qh"\ vj\ tgg"vk\ o\ gu0""Vjku"\ o\ czk\ o\ w\ o\ "crrnkgu"tg\ i\ ctfnguu"qh"\ y\ j\ gvj\ gt"vj\ g"\ g\ o\ rnq\{gg"\ j\ cu"\ dggp"\ g\ o\ rnq\{gf"\ d\{"\ fkhhgtgpv"\ ec\ o\ rwugu."\ fkxkukqpu."\ qt"\ wpkvu"\ qt"\ j\ cu"\ j\ cf"\ o\ wnvkrng"g\ o\ rnq\{\ o\ gpv"rgtkqfu0\}$

 $Rckf"rctgpvcn"ngcxg"ku"nk\ o\ kvg\ f"vq"qpg"wug"rgt"ej\ knf0""Cp"g\ o\ rnq\{gg"*qt"g\ o\ rnq\{ggu"y\ j\ gp"dqvj"\ rctgpvu"ctg"gnk\ i\ kdng"g\ o\ rnq\{ggu+."hqt"gzc\ o\ rng."ku"pqv"gnk\ i\ kdng"hqt"rckf"rctgpvcn"ngcxg"hqt"vjg"cfqrvkqp"qh"c"ej\ knf"kh"vjg"g\ o\ rnq\{gg"vqqm"rckf"rctgpvcn"ngcxg"hqt"vjg"kpkvkcn"hquvgt"rnceg\ o\ gpv"\ qh"vjg"uc\ o\ g"ej\ knf0"$

Rckf"rctgpvcn"ngcxg"ku"pqv"eq o rgpucdng"vq"vjg"g o rnq{gg"wrqp"vgt o kpcvkqp"qh"g o rnq{ o gpv0

X Qvjgt"Rckf"cpf"Wprckf"Ngcxg

 $Pqvj\,kp\,i\,"kp"vj\,g"\,wug"qh"\,rck\,f"\,rctgpvcn"\,ngcxg"\,y\,knn"\,nk\,o\,kv"qt"\,qvj\,gt\,y\,kug"tguvtkev"vj\,g"\,wug"qh"\,ngcxg"\,y\,kvj\,qwv"\,rc\,\{.\,"\,ceetwg\,f"\,cppwcn"\,ngcxg.\,"\,ukem"\,ngcxg.\,"\,qt"\,i\,tqwr"\,u\,j\,qtv/vgt\,o\,"\,fkucdknkv\,\{\,''\,y\,kv\,j\,kp''\,v\,j\,g''\,i\,wk\,f\,gnkpgu"qh"v\,j\,qug"rtq\,i\,tc\,o\,u"cp\,f"cr\,rnkecdng"nc\,y\,0"""Kp"pq"ecug.\,"\,j\,q\,y\,gxgt.\,"\,o\,c\,\{\,''\,rck\,f''\,ngcxg''\,qt''\,fkucdknkv\,\{\,''\,rtq\,i\,tc\,o\,u"wug\,f\,''\,kp"cp\,\{\,''\,eq\,o\,d\,kpcvkqp\,''\,tguwnv''\,kp\,''\,c\,''\,rc\,\{\,o\,gpv''\,qh''\,o\,qtg''\,v\,j\,cp''\,322\,\,'\,\,"\,qh''\,cp''\,g\,o\,rnq\,\{\,ggou''\,dcug''\,ucnct\,\{\,0\,$

 $Oc\{"45."4246"*Cfqrvgf+$