F gr ctw gpv'qh'
Gpxktqpo gpwcn
Gpikpggtkpi
Uekgpegu

; fUXi UhY'Gh XYbh
< UbXVcc_

UF | Herbert Wertheim
College of Engineering

Engineering School of Sustainable
Infrastructure & Environment

UNIVERSITY *of* FLORIDA

GGU'I TCF WCVG'F GI TGG'RTQI TCO U

Rj F <'F qevqt''qh''Rj knuqrj{''kp''Gpxktqpo gpvcn'Gpi kpggtkpi ''Uekgpegu

O G<'' O cuvgt'' qh'' Gpi kpggtkpi '' *tgs wktgu'' Dcej grqt¢u'' f gi tgg'' kp'' Gpi kpggtkpi '' htqo '' cp'' CDGV'' ceetgf kvgf '' kpuvkwwkqp+'

O U<'O cuvgt''qh''Uekgpeg

Rtqi tco u'' qh'' uwf {'' hqt'' yj g'' qp/eco r wu'' i tcf wcvg'' f gi tggu'' kpenwf g'' yj g'' hqmqy kpi '' I tcf wcvg'' Tgugctej '' ('' Gf wecvkqp''
Ctgcu<

˝'' Ckt''Tguqwtegu
˝'' Eqcuvcn'Gequ{uvgo ''F {pco keu
˝'' Qpg''Gctyj .''Qpg''J gcny ''*I gqJ gcny +
˝'' Uwuvckpcdng''U{uvgo u''Gpi kpggtkpi ''(''O cpwhcevwtkpi
˝'' U{uvgo ''Geqmqi{''(''Geqmqi kecn'Gpi kpggtkpi
˝'' Y cvgt''Tguqwtegu''(''U{uvgo u

V{r kecn'tgugctej ''r tqlgevu''cpf ''dcemi tqwpf ''kphqto cvkqp''hqt''gcej ''qh''yj gug''ctgcu''ctg''qp'yj g''GUUKG''y gdukg0

Ecpf kf cvgu'hqt''qp/eco r wu''i tcf wcvg'f gi tggu'i gpgtcm{''hqewu'kp''qpg''qh''yj g''cdqxg''ctgcu0Fgvckngf ''r tqi tco u''ctg'' f gxkugf ''kpf kxkf wcm{''kp''eqplwpevkqp''y kyj ''c''hcewm{''cf xkuqt''cpf ''yj g''uwf gpvøu''Uwr gtxkuqt{''Eqo o kwgg''*yj gp''tgswktgf +' vq''r tqxkf g''hngzkdknkv{''kp''ceeqo o qf cvkpi ''c''uwf gpvu'kpvgtguvu0

Qp'Eco r wu'Uwf gpv'Tgi kuvtcvkqp''cpf ''Cf xkukpi

Ugo g''ko r qtvcpv''tgswktgo gpvu''{qw'pggf ''vq''mggr ''kp''o kpf ''hqt''{qwt''f gi tgg''cu''{qw''o qxg''hqty ctf ''ctg''cu''hqmqy u<

Rj F 'F kuugtvcvkqp''Vtcem	**O cuvgt 'Vj guku'Vtcem**
O kpko wo ''34''eqwtug''etgf ku'y kyj kp''{qwt''o clqt''	O kpko wo ''34''eqwtug''etgf ku'y kyj kp''{qwt''o clqt''
; 2''eqwtug''etgf ku''qxgtcm	52''eqwtug''etgf ku''qxgtcm
3''etgf kv'qh''õGXG'I tcf wcvg'Ugo kpctö''ku'tgs wktgf —O cz ''5''etgf ku''qh''Ugo kpct''cmqy gf	O cz ''8''eqwtug''etgf ku''qh''O cuvgtøu''Tgugctej
5'Ò2''qxgtcm'I RC''cpf ''5Ò2''o clqt'I RC	3''etgf kv'qh''õGXG'I tcf wcvg'Ugo kpctö''ku'tgs wktgf —O cz ''5''etgf ku''qh''Ugo kpct''cmqy gf
Cf o kuukqp''vq''Ecpf kf ce{ 'lS wcnkhkecvkqp'Gzco	5'Ò2''qxgtcm'I RC''cpf ''5Ò2''o clqt'I RC
Cv'ngcuv''qpg''lqwtpcn'ctvkeng''ceegr vgf ''kp''c''tghgtggf ''lqwtpcn	Cv'ngcuv''qpg''lqwtpcn'ctvkeng''uwdo kwgf ''kp''c''tghgtggf ''lqwtpcn
Rcuukpi ''Hkpcn'F ghgpug''cpf ''Gf kuqtvkcl'Uwdo kuukqp	Rcuukpi ''Hkpcn'F ghgpug''cpf ''Gf kuqtvkcl'Uwdo kuukqp
Master Coursework-Only Track	**O cuvgt 'P qp/yj guku'Rtqlgev'Vtcem**
O kpko wo ''37''eqwtug''etgf ku'y kyj kp''{qwt''o clqt''	O kpko wo ''37''eqwtug''etgf ku'y kyj kp''{qwt''o clqt''
52''eqwtug''etgf ku''qxgtcm	52''eqwtug''etgf ku''qxgtcm
O cz ''5''eqwtug''etgf ku''qh''r tcevkewo ''lkpvgtpuj kr 'leq/qr	3''etgf kv'qh''õGXG'I tcf wcvg'Ugo kpctö''ku'tgs wktgf —O cz ''5''etgf ku''qh''Ugo kpct''cmqy gf
3''etgf kv'qh''õGXG'I tcf wcvg'Ugo kpctö''ku'tgs wktgf —O cz ''5''etgf ku''qh''Ugo kpct''cmqy gf	O cz ''5''eqwtug''etgf ku''qh''P qp/yj guku'Rtqlgev
5'Ò2''qxgtcm'I RC''cpf ''5Ò2''o clqt'I RC	5'Ò2''qxgtcm'I RC''cpf ''5Ò2''o clqt'I RC
Rcuukpi ''Hkpcn'Gzco ''*eqo r ngvgf ''d{''	Rcuukpi ''Hkpcn'F ghgpug
cf xkuqt''dghqtg''r wdnkuj gf ''f gcf nkpg+	

Vq''i gv'uvctvgf .''r ngcug''hco knkctk| g''{qwtugnh'y kyj ''yj g''y gdukgu'dgmqy ''cu''{qw'y km'wvknk| g''yj gug''yj tqwi j qwv''{qwt'r tqi tco 0

Tgi kuvtcvkqp'Cf xkukpi <'I qw'y km'y qtm'y kyj ''{qwt'hcewm{''cf xkuqt''vq''j gnr ''{qw'ugngev'eqwtugu'r tkqt''vq''tgi kuvtkpi 0

WH'EQWTUG'UEJ GF WNG''? 'j wr u<lltgi kuvct0whn0gf wl

WH'I TCF WCVG'EQWTUG'F GUETKRVKQP U''? 'Rngcug''xkukv'yj g''WH'I tcf wcvg''Uej qqmu'y gdukg''

cpf ''I tcf wcvg'Ecvcmqi ''vq''xkgy ''yj g''Gpxktqpo gpvcn'Gpi kpggtkpi ''Uekgpegu'I tcf wcvg''eqwtugu''qhhgtgf 0

WH'FKTGEVQT["? 'j wru<1lfktgevqt{0vhnQefw

I tcf wcvg'Kphqto cvkqp'O cpci go gpv'U{uvgo "*I KO U+<

j wru<1li tcf uej qqn0vhnQefwli ko ur qtvcnli cvqtnkpnlr qtvcnWur z

Vj g''WH/f guki pgf ''I tcf wcvg''Kphqto cvkqp''O cpci go gpv''U{uvgo "*I KO U+'ku'c''uvqtgj qwug''hqt ''i tcf wcvg''f cvc0I KO U''
r tqxkf gu'c''vqqnlhqt''i tcf wcvg''uvwf gpvu.''hcewn{ ''cpf ''uvchh''vq''ur nqcf ''cpf ''vtcemlkphqto cvkqp''uwej ''cu''cf o kuukqpu.''
eqo o kwgg''o go dgtu.''ecpf kf cea{.''vj gugu''cpf ''f kuugtvcvkqp.''i tcf wcvkqp''cr r nkecvkqpu.''cpf ''cnm'ko r qtvcpv''
o knguvqpgu0

Y j gp''{ qw'ctg''tgcf { ''vq''ugngev''eqwtugu''ó ''r ngcug''pcxki cvg''vq''vj g''**WH'EQWTUG'UEJ GFWNG''**qp''vj g''Qhhkeg''qh''
vj g''Wpkxgtukv{ ''Tgi kuvtct‚u'y gdukg''vq''ugg''y j cv'eqwtugu''y kn'dg''qhhgtgf 0''Vq ''hkpf ''qw'm qtg''cdqw'c''ur geihke''eqwtug''
ó ''{ qw'ecp''uug''vj g''**WH'I TCF WCVG'EQWTUG'F GUETKRVKQP U**‚cvgtcnvki kvpcvkxgng.''{ qw'ecp''go cknlecm'vj g''
nkuvgf ''kpuvtwevqt'd{ ''uukpi ''vj g''**WH'F KTGEVQT[0'Kh''{ qw'y cpvlpggf ''cf xkukpi ''qr''uwi i guvkqpu''ó ''hggnlhtgg''vq''
kps witg''y kj ''kpf kxkf wcnlhcewn{ ''kp''vj g''ctgc''qh''{ qwr'kpvgtguv''qr''{ qwr'hcewn{ ''cf xkuqt0I tcf wcvg''ngxgnleqwtugu''ctg''
cny c{u'%%%/7222''qr'j ki j gt0'Wr ''vq ''8''etgf ku'ecp''dg''vcngp''cv'vj g''wpf gri tcf wcvg''ngxgnlr tqxkf gf ''vj g{ ''ctg''ngxgn'
%%%/5222''qr'j ki j gt''cpf ''ctg''qwuuf g''qh''GUUKG'chvgr'qdvckpkpi ''cr r tqxcnlhtqm ''{ qwr'cf xkuqr0Wpf gri tcf wcvg''
eqwtugy qtml'O WUV'DG'CRRTQXGF 'D['[QWT'CECF GO KE''CF XKUQT'CP F 'O WUV'DG'NKUVGF 'QP ''
[QWT'CRRTQXGF 'RTQI TCO 'RNCP 'QH'UVWF ['DGHQTG'[QW'ECP 'TGI KUVGT0

Kh''{ qw'y km'pggf ''vq''gptqnn'kp''cp{ ''Gpxktqpo gpv'Gpi kpggtkpi ''Uekgpegu''$F GRV$''eqwtugu''cu''vj g''ctg''nkuvgf ''qp''vj g''
$Uej gf wng''qh''Eqwtugu$.''qdvckp''c''GUUKG'I tcf wcvg''Eqwtug''Tgi kuvtcvkqp''Hqto ''qn/nkpg''cv'J_GTG0

Hwn/vko g''tgi kuvtcvkqp<'O kpko wo ''qh'; ''etgf ku''j qwtu''kp''vj g''Hcnl'cpf ''Ur tkpi =''; ''etgf ku''j qwtu''kp''vj g''Uwo o gr''ku''
eqpukf gtgf ''hwn/vko g''hqr''qn''ecm r wu'i tcf wcvg''uvwf gpvu''y kj ''hkpcpekcnlckf 0Hqr''vj qug''y j q''j qnf ''cuukuvcpvj ku.''
uwo o gr''tgi kuvtcvkqp''ku'qpn{ ''8'etgf ku''j qwtu0

I tcf wcvg''uvwf gpvu''qp''cr r qkpvo gpv<'Rngcug''tghgr''vq''{ qwr'qhhgr''ngvvgr''hqr''f gvckdn''qp''tgi kuvtcvkqp''tgs witgo gpvu''cpf ''
r ci g''37''qh''vj ku''f cewo gpv0[qw'ecp''ej ecm'qp''vj ku''y kj ''vj g''Rc{tqnm'Eqpvcev'hqr''{ qwr'hcewn{ ''cf xkuqr0

Dghqtg'{ qw'tgi kuvgr'hqr'{ qwr'Hkpcnligo gusvr.'tgxkgy 'r ci gs'34/46'hqr'HkpcnVgtm ''I tcf wcvkqp'Kphqto cvkqp#

I tcf g''Tgs witgo gpvu<'Vj g''qpn{ ''r cuukpi ''i tcf gs''hqr''i tcf wcvg''uvwf gpvu''*O UM'O E.'Rj F +''ctg''E ''cpf ''cdqxg''*‘qr 'U'kp''c''
eqwtug'i tcf gf ''UU W+0C''i tcf wcvg''uvwf gpv'o c{ ''dg''f gpkgf ''hwtj gr''tgi kuvtcvkqp''uj qwf ''uej qnuuke'r gthqro cpeg''
dgeqo g''wpucvkuhcevqr{ ''vq''vj g''F gr ctvm gpv.'Eqmgi g.''qr''F gcp''qh''vj g''I tcf wcvg''Uej qqn0Hckmwtg''vq''m ckpvckp''c''D''
cxgtci g''*'502'I RC+'ku''f ghkpgf ''cu''wpucvkuhcevqr{ ''uej qnuuj kr 0Cv'vj g''ko g''qh''i tcf wcvkqp.''c''m kpko wm ''I RC''qh'502''
m wuv'dg''cej kgxgf ''qxgtcm'cu''y gm'cu''kp''vj g''uvwf gpvu'm clqr'ctgc''qh''eqpegpvtcvkqp0

Uwf gpvu'ecppqv'i tcf wcvg''wpvkl'cm'K'i tcf gs'j cxg'dggp''tguqnxgf 0Uwf gpvu'j qnf kpi ''c''i tcf wcvg''cuukuvcpuj kr ''qr''
qvj gr''uvkr gpf ''m wuv'm ckpvckp''c''D''cxgtci g''*×'502''I RC+'qr''vj g''cuukuvcpuj kr ''y km'dg''f kueqpvkpwgf 0

Tgukf gpe{ <'Kh''{ qw'ctg''c''WUU''ekk{ gp.''{ qw'uj qwf ''cr r n{ ''hqr''Hnqtkf c''tgukf gpe{ ''cu''uqqp''cu''{ qw'ctrkxg''kh''{ qw'f kf ''pqv''
eqm r ngvg''vj ku''f wtkpi ''vj g''cf m kuukqpu''r tqeguu0Hqr''m qtg''kphqto cvkqp<'j wru<1tgi kuvtct0vhnQefwlugtxkegs1tgukf gpe{

WH'GFI G'*GUUKG'GFI G+

WH' GFI G" ku" vj g" Wpkxgtuki{" qh" Hnqtkfc" Grgevtqpke" Fgnkxgt{" qh" I tcfwcvg" Gpi kpggtkpi 0' Vj ku" fkuvcpeg" ngctpkpi "
r tqxkfgt" cv' WH)u" Eqneig g" qh" Gpi kpggtkpi ." i kxgu" hwm/vko g" y qtmkpi " r tqhguukqpcni" ctqwpf" vj g" y qtnf" vj g"
qr r qtwpkv{" vq" gctp" vj gkt" O cuvgt" qh" Uekgpeg" f gi tgg" htqo " qpg" qh" vj g" vqr /tcvgf" gpi kpggtkpi " uejqqnu" kp" vj g"
pcvkqp0

<u>**GFI G'*Qpnkpg+'Uwf gpv'Tgi kuvtcvkqp'cpf 'Cf xkukpi**</u>

Uqo g" ko r qtvcpv' tgswktgo gpvu" {qw' pggf " vq" mggr " kp" o kpf " hqt" {qwt f gi tgg" cu" {qw' o qxg" hqty ctf" ctg" cu"
hqmqy u<

- " O kpko wo "37"eqwtug"etgfku"y kj kp"{qwt"o clqt"cu"cr r tqxgf"d{"{qwt"cf xkuqt
- " 52"eqwtug"etgfku"qxgtcm
- " O cz "5"eqwtug"etgfku"qh"r tcevkewo_kpvgtpuj kr_eq/qr
- " 3"etgfkv"qh"õGXG'I tcfwcvg"Ugo kpctö"ku"tgswktgf ."cpf "kv'ku"qpn{"qhhgtgf "kp"vj g"Hcnn'cpf "Ur tkpi "
  ugo guvgtu=O cz "5"etgfku"qh"Ugo kpct"cmqy gf
- " 50'qxgtcm'I RC"cpf "50'o clqt'I RC
- " Rcuukpi "Hkpcn'Gzco "*uwdo kwgf "d{"cf xkuqt"dghqtg"vj g"r wdnkuj gf "f gcf nkpg+

Vq" i gv" uvctvgf ." r ngcug" hco knctk|g" {qwtugnh" y kj " vj g" y gdukvgu" dgnqy " cu" {qw' y km' wknk|g" vj gug" vj tqwi j qwv" {qwt"
r tqi tco <
WH'GFI G"? 'j wru<1lvhbgfi 0xhn0gfwl
WH'GFI G'EQWTUG'NKUV"? 'j wru<1lvhbgfi 0xhn0gfwlqpnkpg/i tcfwcvg/r tqi tco uleqwtugul
WH' I TCFWCVG" EQWTUG" FGUETKRVKQPU" ?" Rngcug" xkukv' vj g**" WH' I tcfwcvg" Uej qqnut"** y gdukvg" cpf "
I tcfwcvg" Ecvcnqi " vq" xkgy " vj g" Gpxktqpo gpvcn' Gpi kpggtkpi " Uekgpegu" I tcfwcvg" eqwtugu"
qhhgtgf 0
WH'FKTGEVQT["? 'j wru<1fktgevqt{0xhn0gfw
I tcfwcvg'Kphqto cvkqp'O cpci go gpv'U{uvgo "*I KO U<

j wru<1i tcfuej qqn0xhn0gfwli ko u/r qtvcnli cvtukqmr qtvcn0ur z

Vj g" WH/dguki pgf " I tcfwcvg" Kphqto cvkqp" O cpci go gpv" U{uvgo " *I KO U+" ku" c" uvqtgj quug" hqt" i tcfwcvg" fcvc0' I KO U"
r tqxkfgu" c" vqqn' hqt" i tcfwcvg" uvwfgpvu." hcewn{" cpf " uvchh" vq" wr nqcf " cpf " vtcem' kphqto cvkqp" uwej " cu" cfo kuukqpu."
eqo o kwgg'o go dgtu."ecpfkfce{."vj gugu'cpf 'fkuugtvcvkqp."i tcfwcvkqp'cr r nkecvkqpu."cpf "cm'ko r qtvcpv'o knguvqpgu0

Y j gp" {qw' ctg" tgcf{" vq" ugngev' eqwtugu" ó" r ngcug" pcxki cvg" vq" vj g" **WH'GFI G"EQWTUG"NKUV"** vq" ugg" y j cv' eqwtugu"
y km' dg" qhhgtgf 0' Vq" hkpf " qw' o qtg" cdqw' c" ur gekhke" eqwtug" ó" {qw' ecp" wug" vj g" **WH'I TCFWCVG"EQWTUG"**
FGUETKRVKQPU=cmgtpcvkxgn{."{qw'ecp'go ckn'ecm'vj g"kuugf "kpuvtwevqt"d{"'wukpi "vj g"WH

4

F KTGEVQT[0'Kh'{qw'y cpvlpggf "cfxkukpi "qt"uwi i guvkqpu"ö'hggrihtgg'\q'kpswktg'y kj 'kpfkxkfwcrihcewn{'kp'\j g'ctgc"
qh'{qwt'kpvgtguv'qt'{qwt'hcewn{'cfxkuqt'Ft0Gmkqv'F qwi ncu'cv'gmkqvOf qwi ncuB_guukg0whn0gf w'qt'*574+'68/4: 580

GFI G'uwfgpvu'i gpgtcm{'vcmg'cp{y j gtg'htqo "5"\q'; "eqwtug'etgfku'r gt'ugo guvgt0

GUUKG'GFI G'Tgi kuvtcvkqp'Rtqegfwtgu<

30' Ej gem'cpf 'tgo qxg'cm'tgi kuvtcvkqp'j qnfu'xkc"{qwt'QP G0WH'ceeqwpv0

40' Kh'{qw'j cxg'"pqv'eqo r ngvgf '"c"Ocuvgtøu"Rtqi tco "Rncp"qh"Uwf{'"hqto "d{"yj g"o kf/r qkpv"qh'{qwt"hktuv'vgto ."
{qw'y kn'j cxg'cp'cfxkugo gpv'j qnf0'Vj ku'hqto "pggfu'vq'dg'eqo r ngvgf 'kp'cm'r ctvu'cpf '"uki pgf 'd{'{qw'cpf '"
Ft0Fqwincu'dghqtg'yj g'j qnf 'y kn'dg'tgo qxgf0Vj g'hqto "ecp'dg'hqwpf '"J GTG0 _____

50' GFI G'uwfgpvu'y kn'dg'ugpv'cp'go ckn'y kj 'yj gkt'ur gekcn'r tqi tco "eqfg'cpf "c"nkuvkpi 'qh'gki kbng'fgr ctvo gpv'
eqwtugu'hqt'tgi kuvtcvkqp0'Vj ku'ku'yj g'nkpm'vq'yj g'GFI G'y gdukvg'hqt'cm'eqwtugu'dgkpi "cwyj v"/"
j wru<1lwhefi g0whn0gf wlqpnkpg/i tcfwcvg/r tqi tco uleqwtugu0" Hqt"_cp{"eqwtugu'yj cv"ctg"pqv"nkuvgf "hqt"
EkxknlGpxktqpo gpvcn'Gpi kpggtkpi ." {qw'y kn'pggf 'vq'eqpvcev'yj g'fgr ctvo gpv'yj cv'ku'qhhgtkpi "yj g'eqwtug'vq'
i gv'tgi kuvgtgf 'hqt'yj gkt'eqwtug0' Vj g"eqpvcev'nkuvkpi "ecp"dg" hqwpf 'qp'yj g"GFI G'y gdukg'j gtg<
j wru<1lwhefi g0whn0gf wlqpnkpg/i tcfwcwg/r tqi tco ulfgr ctvo gpwleqpvcwl _____

60' Eqphkto "yj cv'{qwt'tgi kuvtcvkqp'ku'eqttgev'kp'{qwt'uwfgpv'ceeqwpv'wpfgt'QP G0WH0'Kh'kv'ku'pqv"go ckl'
gfi gB_guukg0whn0gf w'r tkqt'vq'yj g'gpf'qh'ftqr lcff'*d{'6r 'yj cv'fc{'qt'gctnkgt'dcugf 'qp'yj g'fguki pcvgf 'vko g+'cu'
ej cpi gu'y kn'pqv'dg'o cfg'kh'kv'ku'qwukfg'qh'uclhf 'y tml'j qwtu'*:<52/6<52+0

70' WH'Rqnke{'ku'yj cv'{qw'y kn'dg'ej cti gf 'hwn'hggu'kh'yj g'eqwtug'pggfu'vq'dg'ftqrrgf 'chvgt'ftqrlcff '"cu'kv'ku'pq'
nqpi gt"c 'ftqr 'dwv"c 'y kj ftcy cn0' Kh'yj gtg"ctg"gzvgpwcvkpi "ekteco uvcpeg. 'yj gtg"ku"c 'rquukdknkv{'yj cv'kv'eqwnf "dg"
r gvkvkqpgf 0' qw'pggf 'vq'fkuewuu'yj cv'y kj 'Ft0Fqwi ncu0

80' Mggr "kp "o kpf "yj cv'{qw'pggf 'vq'o ckpvckp'c'5022'i tcfg'r qkpv'cxgtci g'uq'fq'pqv'qxgtgzvgpf '{qwtugnh0'Kh'{qw'
ftqr 'dgnqy 'yj g'5022'kv'ku'lwuwkhkecwkqp'hqt'r quukdng'fkuo kuucnlhtqo "yj g'r tqi tco 0

90' Hqt "yj g"o quv'r ctv."kh'gzco u "ctg"wugf "kp"yj g"GUUKG'encuugu."yj g'hcewn{'y kn'dg'wukpi "c'r tqevqtkpi "ugtxkeg0'Kh'
yj g'GUUKG'hcewn{'o go dgt'ej qqugu'pqv'vq'wug'yj g'ugtxkeg." {qw'y kn'pggf 'vq'eqpvcev'yj g'hcewn{'o go dgt'
vgcej kpi "yj g'eqwtug'hqt"cuukuvcpeg'y kj 'r tqevqt'ugngevkqp'cpf 'etkgvtkc0'Hqt"eqwtugu'qwukfg'qh'GUUKG." {qw'
uj qwf "eqpvcev'yj g'kpuvtwevqt'qt'fgr ctvo gpv'eqqtfkpcvqt0

Rngcug'hggr 'kp'o kpf 'vq'ugpf 'cml'go ckldqttgur qpfgpegu'vq'yj g'gfi gB_guukg0whn0gf w'cf f tguu0 _____

Dghqtg'{qw'tgi kuvgt 'hqt '{qwt'Hkpcnlgo guvgt.'tgxkgy 'r ci gu'34/36'hqt 'HkpcnlVgto 'I tcf wcvkqp'Kphqto cvkqp#

I GP GTCN'F GI TGG''TGS WKTGO GP VU1KP HQTO CVKQP

Rj 0F 0F GI TGG''KP HQTO CVKQP

Eqwtug'Etgfkv/Tgs wktgo gpvu

O kpko wo ''34''eqwtug''etgfku'y kj kp''{qwt'o cjqt''cu'cr r tqxgf ''d{ ''{qwt'cf xkuqr
; 2''eqwtug'etgfku''qxgtcm
3''etgfku'qh''õGXG'I tcf wcvg''Ugo kpctö''ku'tgs wktgf =''O cz''5''etgfku'qh''Ugo kpct''cmqy gf
5''02''qxgtcm'I RC''cpf ''502''o cjqt'I RC
Cf o kuukqp''q''Ecpf kf ce{ 1S wcnkhkecvkqp''Gzco
Cv'ngcuv''qpg''lqwrpcn'ctvkeng''ceegr vgf ''kp''c'tghgtggf ''lqwrpcn
Rcuukpi ''Hkpcn'F ghgpug''cpf ''Gf kvqrkcn'Uwdo kuukqp

Vtcpuhgt''qh'Etgfku

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Vq''ngctp''o qrg''cdqwv'vtcpuhgt''etgfkv'tgs wktgo gpvu''cpf ''tguvtkevkqpu.''r ngcug''tghgt''vq''vj g'WH'I tcf wcvg''Ecvcmi ''wpf gr '' {qwr 'tgur gevkxg''f gi tgg'r tqi tco 0

- O cuvgr)u'F gi tgg''Cankgy ngf i go gpv''*O F C+
    ~ÁVj g''O F C''ku'c''hqto cn'r tqeguu''vq''cankgy ngf i g''vj g'eqpvgpv.''ngxgn'tgngxcpe{.''cpf ''eqpvtkdwvkqp''qh'c''uvwf gpvu'' r tgxkqwun{ ''gctpgf ''o cuvgr)u''f gi tgg''htqo ''c''pqp/WH'kpuvkwwkqp''qr ''kp''cpqvj gr ''hkgnf ''qh'uwf {''y kj kp''WH'vq''vj g''uwf gpvu'' f qevqrcn'r tqi tco ''cv'vj g''Wpkxgrukv{ ''qh'Hnqrkf c0'Vj g''uwf gpvu'eqo o kwgg''ej ckt''o wuv'eqpf wev'c''j qnkuvke''tgxkgy ''qh'vj g'' kpf kxkf wcnu'qhhkekcn'tgeqtf u''cpf ''tcpuetkr u''vq''gxcnwcvg''vj g'r tgxkqwun{ ''cu ctf gf ''o cuvgr)u''f gi tgg.''eqpukf grkpi ''vj g'ci g'' qh'vj g''f gi tgg.''ewttkewnct''ngxgn''i tcf gu.''cpf ''i tcf kpi ''ej go gu0'P qv''vj cv'kpvgrpcvkqpcn'f gi tggu''o c{ ''j cxg''mo gikpgu''cpf '' ewttkewnct''f khhgrkpi ''htqo ''WH'uvcpf ctf u0'Vj g''O F C''tgr rcegu''vj g''Vtcpuhgt''qh'Etgfkv'hqr ''wr ''vq''52''etgfku'htqo ''cp'' ceergf kvgf ''o cuvgr)u''f gi tgg''r tqi tco ''vq''vj g''WH'Rj F 0'Y kj ''cp''cr r tqxgf ''O F C.''c''WH'Rj F ''tgs wktgu''c''o kpko wo ''qh'82'' etgfku0

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Y j gp''{qw'ctg''tgcf { ''vq''cr r qkpv''{qwr 'Uwr gtxkuqr{ ''Eqo o kwgg.''{qw'o wuv'eqo r ngvg''vj g'qp/mkpg''GUUK'Rj F '' Rtqi tco ''Rncp''qh'Uwf { ''htqo ''hqwpf ''j gtg0'Qpeg''vj ku'htqo ''ku'r tqeguugf .''vj g''Cecf go ic ''Qhhkeg''y kn'eqo r ngvg''{qwr '' r cr gry qrm'y kj ''vj g''I tcf wcvg''Uej qqr 'cpf ''I KO U'y km'dg''ur f cvgf ''ceeqtf kpi n{ 0'Vj g''uwf gpv'o wuv'gpuwrg''vj cv'' ej cpi gu''q''vj g''r ncp''qh'uwf { ''ctg''cr r tqxgf ''kp''y rkkpi ''d{ ''vj g''Uwr gtxkuqr{ ''Eqo o kwgg''Ej ckr0'Kf ''ej cpi gu'ctg''o cf g'' vj cv'y grg''pqv'cr r tqxgf ''kp''y rkkpi ''d{ ''vj g''Uwr gtxkuqr{ ''Eqo o kwgg''Ej ckr.''c''uwf gpvu''f gi tgg''eqo r ngvkqp''o c{ ''dg'' f gnc{ gf 0'Kf ''ku'mo r qrvcpv''q''r c{ ''cwgpvkqp''vq''vj g''eqwtug''tgs wktgo gpvu'hqr ''{qwr'f gi tgg''vq''gpuwrg''vj g''r ncp''qh'uwf { ''ku'' ceewrcvg''cpf ''ucvkuhkgu''cm'f gi tgg''tgs wktgo gpvu0

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Tgugctej "Rtqr qucn

Vj g"f qevqtcn'uwf gpv'o uwv'r tgr ctg"cpf "r tgugpv'c"y tkwgp'f qevqtcn'tgugctej "r tqr qucn'f gxgnqr gf "kp"eqpuwnvckqp"y kj "vj g"

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Gzco kpckqp"cu"f guetkdgf "cdqxg0'Cf o kuukqp"vq"ecpf kf ce{"y knl'dg"o cf g"cu"uqqp"cu"vj g"s wcnkh{kpi "gzco kpckqp"j cu"

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Vko g"Nko ku

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Hkpcn'Gzco

Wr qp" eco r ngvkqp" qh" yj g" fkuugtvcvkqp." yj g" Uwr gtxkuqt{" Eqo o kwgg" y km' eqpfwev' c" hkpcn' qtcn' gzco kpcvkqp." hqewugf" rtkpekrcm{" qp" yj g" fkuugtvcvkqp" tgugctej ." cnjqwj " qyjgt" tgngxcpv" qrpleu" o c{" cnuq" dg" gzco kpgf0' Vj ku" gzco kpcvkqp" y km' eqxgt" cv' ngcuv' yj g" ecpfkfcvgøu" hkgm' qh" eqpegpvtcvkqp." cpf" kp" pq" ecug" o c{" kv" dg" uej gfwrgf" gctnkgt" yj cp" yj g" vgto " rtqeggfkpi " yj g" ugo guvgt" kp" y j kej " yj g" f gi tgg" ku" vq" dg" eqphgttgf 0' Uwf gpvu" ctg" tgurqpukdrg" hqt" eqqtfkpcvkpi " y kj " yj gkt" Eqo o kwgg" O go dgtu" vq" uej gfwrg" yj g" vko gfcv' qh" yj gkt" gzco 0' Vj g" Vtcpuo kwcn' Hqto ." Hkpcn' Gzco kpcvkqp" hqto ." r wdrkuj kpi " ci gqo gpv" cpf" GVF " uki pcwtg" r ci g" o wuv' dg" uwdo kwgf" vq" yj g" I tcf wcvg" Uej qqn' kp' I KO U" d{" yj g" r wdrkuj gf" f gcf nkpgu" hqt" yj g" vgto 0' Vj ku" ku" f qpg" d{" yj g" Cecf go ke" Qhhkeg" uvchh0' Vj gtg" ku" c" Rj F " Hkpcn' Gzco " r cemgv' qp" yj g" GUUKG" y gdukvg" wpf gt" yj g [I tcf wcvg" hqto u" ctgc"](#) yj cv' uj qwf" dg" eqo r ngvgf" d{" yj g" uwf gpv' cpf " ugpv' vq" yj g" eqo o kwgg'ej ckt 'RTKQT "vq'yj g'f cvg'qh'yj g'Hkpcn'Gzco "vq'dg'r tqeguugf "cv'yj g'f ghgpug0

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I wkf gnkpgu" eqpegtpkpi " yj g" hqto cv' qh" yj g" fkuugtvcvkqp" cpf" gngevtqpke" uwdo kuukqp" tgs wktgo gpvu" ctg" r wdrkuj gf" d{" yj g" [I tcf wcvg" Uej qqn' Gf kqtkcn' Qhhkeg0](#)' Uwf gpvu" uj qwf" tghgt" vq" yj g" hqmqy kpi " y gdukvg" hqt" hqto cv' tgs wktgo gpvu<
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O CUVGTøUFGI TGG'RPHQTOCVKQP

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O cuvgt 'Vj guku'Vtcem

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O cz ''8''eqwtug''etgfku'qh'O cuvgtøu'Tgugctej

3 ''etgfkv'qh'õGXG'I tcf wcvg''Ugo kpctö'ku'tgswktgf . ''O cz ''5''eqwtug''etgfku'qh'Gpxktqpo gpvcn'Uekgpegu''Ugo kpct

52''qxgtcnl'I RC ''cpf ''52''o clqt'I RC

Cv'ngcuv'qpg'lqwtpcn'ctvkeng''uwdo kwgf ''kp''c''tghgtggf ''lqwtpcn

Rcuukpi ''Hkpcn'F ghgpug''cpf ''Gfkqtkcn'Uwdo kuukp

O cuvgt 'Pqp/vj guku'Rtqlgev'Vtcem

O kpko wo ''37''eqwtug''etgfku'y kyj kp''{qwt'o qlqt''cu'cr r tqxgf ''d{ ''{qwt'cf xkuqt

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O cuvgt 'Pqp/Vj guku'Eqwtugy qtm/Qpn{ 'Vtcem

O kpko wo ''37''eqwtug''etgfku'y kyj kp''{qwt'o qlqt''cu'cr r tqxgf ''d{ ''{qwt'cf xkuqt

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52''qxgtcnl'I RC ''cpf ''52''o clqt'I RC

Rcuukpi ''Hkpcn'Gzco

GGU'f qgu'pqv'cnqy ''O UIO G'Vj guku'O UIO G'Pqp/vj guku'r tqlgev''Vtcem'uwd gpvu'\q''tw kxj '\q'O UIO G'Pqp/vj guku'Eqwtugy qtm'Qpn{ ''Vtcem'gzegr v''hqt''c ''o gf kecn'tgcuqp. ''no kf{ 'f gcvj ''qt ''y ct. ''qt ''vj guku'r tqlgev'cf xkuqt ''cr r tqxcn0

Vtcpuhgt ''qh'etgfkv

Vtcpuhgt '' qh'' etgfkv'' tgswguvu'' htqo '' r tgxkqwu'' kpuvkwkqpu'' uj qwf '' dg '' nkuvgf '' qp '' vj g'' GGU'' O cuvgtøu'' Rtqi tco ''r npn''qh''uwf {''hqto 0''Qpeg''vj g''hqto ''ku''cr r tqxgf ''d{ ''vj g''uwfgpvu''cf xkuqt leqo o kwgg''ej ckt. ''vj g''vtcpuhgt ''qh'etgfkv'tgswguv''y kn'' dg ''uwdo kwgf '' vq '' vj g''I tcf wcvg''Uej qqn''hqt ''eqpukfgtcvkqp0''Vj g ''uwfgpv'' o wuv'' uwdo kv'' c ''eqo r ngvgf ''GGU'' O cuvgtøu'Rtqi tco ''Rnpp'qh''Uwf { *RRU+''htqo 0''*Hqt ''vj g''uggmkpi ''c ''O cuvgtøu'y kyj ''c ''vj guku. ''vj g''RRU'ku''f wg''d{ ''vj g''o kf vgto ''qh '' vj gkt ''ugeqpf ''ugo guvgt ''qh'gpqnno gpv *vj ku'kpenf gu''uwo o gt +0''*Hqt ''vj g''uggmkpi ''c ''O cuvgtøu'Pqp/vj guku''Rtqlgev'Vtcem'qt 'Eqwtugy qtm'Qpn{ ''vtcem. ''vj g''hqto ''ku''f wg''d{ ''o kf vgto ''qh'vj g''hktuv''ugo guvgt 0''Vq ''r tqeguu''cp{ ''vtcpuhgt ''qh'etgfkv'tgswguvu. ''WH'Cf o kuukpu''Qhhkeg''o wuv''j cxg''vj g''Qhhkekcn'Vtcpuetkr v''uj qy kpi '' c ''i tcf wcvg''ngxgl''eqwtug y qtm'y kyj ''c ''i tcf g''qh''D''qt ''j ki j gt ''hqt '' vj g''tgswguvgf ''eqwtugu0''Vj gug ''tgswguvu'' ecp ''vcmg ''ugxgtcn''o qpvj u''vq ''r tqeguu'' õ ''qpeg ''r tqeguugf '' vj g''cr r tqxgf '' etgfku'y kn'' dg''pqvgf ''qp''{qwt ''WH'Vtcpuetkr v'ceeqtfkpi n{ 0

6- 3 '' etgfku<''Vj gtg '' ecp '' dg '' pq ''o qtg '' vj cp '' c '' wq/ugo guvgt '' i cr '' dgwy ggp '' vj g''eqphgttcn''qh '' vj g''dcej gnqtøu'f gi tgg '' cpf '' vj g''hktuv''ugo guvgt ''qh'' vj g''o cuvgtøu'' r tqi tco '' kh'6- 3 ''etgfku''ctg '' vq '' dg '' tgswguvgf '' vq '' dg '' vtcpuhgttgf 0' 6- 3 ''hqto u'' eqo r ngvgf '' chvgt '' vj g''eqphgttcn''qh '' vj g''dcej gnqtøu'' r tqi tco '' ctg '' pqv''cmny cdng0' C '' o czko wo '' qh'' 34 ''etgfku'y kn'' dg '' eqpukfgtgf '' hqt''c ''6- 3 vtcpuhgt ''qh'etgfku'tgswguv'hqt''vj g''Gpxktqpo gpvcn'Gpi kpggtkpi ''Uekgpegu'r tqi tco 0

Vq '' ngctp '' o qtg '' cdqwv'' vtcpuhgt '' etgfkv'' tgswktgo gpvu'' cpf '' tguvtkevkqpu. '' r ngcug '' tghgt '' vq '' vj g''WH'I tcf wcvg''Ecvcnqi '' wpfgt '' {qwt 'tgur gevkxg 'f gi tgg''r tqi tco <j wr u<1i tcf ecvcnqi 0whn0gf w1i tcf wcvg1f gi tggu1

<u>Uwrgtxkuqt{"Eqo o kwgg</u>

<u>Vj guku"uwf gpw</u>

Kh"{qw"ctg"uggmkpi "c"O cuvgtøu"vj guku"f gi tgg."c"Uwrgtxkuqt{"Eqo o kwgg"uj qwf "dg"guvcdnkuj gf "d{ "vj g"o kf vgto "qh"
{qwt"4pf "ugo guvgt"*xkc"{qwt"O cuvgtøu"Rtqi tco "Rncp"qh"Uwf {"hqto +0[qwt"hcewn{"cf xkuqt"y kn'ugtxg"cu"vj g"
Uwrgtxkuqt{"Eqo o kwgg"Ej ckt"cpf "o wuv'dg"htqo "vj g"GGU"f grctvo gpv0[qwt"cf f kdkqpcn'o go dgt"ecp"dg"cp{"
hcewn{"o go dgt"y kj kp"VH"vj cv'j qnf u"i tcf wcvg"hcewn{"ucvwu0

Kp"qtf gt"vq"crr qkpv"{qwt"Uwrgtxkuqt{"Eqo o kwgg."{qw'y kn'eqo r ngvg"vj g"GUUG"O cuvgtøu"Rtqi tco "Rncp"qh"Uwf {"
hqto "cv"<u>j wr u<11y y y 0guuke0xhn0 gf w/tguqwtegu/ewttgpv/uwf gpw10</u>[qw'y kn'j cxg"c"j qnf "r ncegf "qp"{qwt"tgi kutcvkqp"
kh"vj ku"hqto "ku"pqv'uwdo kwgf "d{ "vj cv'qkpv'o kf vgto "qh"{qwt"4pf "ugo guvgt0Qpeg"vj ku"hqto "ku"crr tqxgf "d{ "cn'
pgeguuct{ "crr tqxgtu."vj g"Cecf go ke"Qhhkeg"y kn'r tqeguu"{qwt"crr gty qtn'y kj "vj g"I tcf wcvg"Uej qqn'cpf "I KO U'y kn'
dg"wr f cvgf "ceeqtf kpi n{0[qw'o wuv'gpuwtg"vj cv'ej cpi gu"vq"vj g"r ncp"qh"uwf {"ctg"crr tqxgf "kp"y tkkpi "d{ "vj g"
Uwrgtxkuqt{"Eqo o kwgg"Ej ckt0Kh"ej cpi gu"ctg"o cf g"vj cv'y gtg"pqv'crr tqxgf "kp"y tkkpi "d{ "vj g"Uwrgtxkuqt{"
Eqo o kwgg"Ej ckt."c"uwf gpvøu"f gi tgg"eqo r ngvkqp"o c{ "dg"f gnc{gf 0Kh'ku'o r qtvcpv'vq"r c{ "cwgpvkqp"vq"vj g"eqwtug"
tgs wktgo gpw"hqt"{qwt"f gi tgg"vq"gpuwtg"vj g"r ncp"qh"uwf {"ku'ceewtcvg"cpf "ucvkuhkgu"cn'f gi tgg"tgs wktgo gpw0

<u>Eqwtugy qtn'qpn{ "*P qp/vj guku+</u>
C"eqo o kwgg"ku'pqv'tgs wktgf "dwv"{qwt"cf xkuqt"y kn' uki p"{qwt"r tqi tco "r ncp"cu"{qwt"ej ckt0Kh'{qw'ugnged'c"o kpqt."{qw'
y kn'pggf "vq"kpenwf g"c"hcewn{"o go dgt"htqo "{qwt"o kpqt"f grctvo gpv'vq"ugtxg"qp"tgrtgugpv'{qwt"o kpqt"f grctvo gpv0

<u>O kpqt</u>
Y kj "vj g"uwr gtxkuqt{"eqo o kwggøu"crr tqxcn"vj g"uwf gpv'o c{ "ej qqug"qpg"qt"o tg"o kpqt"hkgnf u0Kh'c"o kpqt"ku"
ej qugp."vj g"Uwrgtxkuqt{"Eqo o kwgg"o wuv'kpenwf g"cv'ngcuv'qpg"r gtuqp"qp"vj gkt"Rtqi tco "Rncp"qh"Uwf {"ugngevgf "
htqo "VH'i tcf wcvg"hcewn{"htqo "vj g"f grctvo gpv'qhfgtkpi "vj g"o kpqt"hqt"vj g"r wtr qug"qh"tgr tgugpvkpi "vj g"uwf gpvøu"
o kpqt0Vj g"uwr gtxkuqt{"eqo o kwgg"o go dgt"tgr tgugpvkpi "vj g"o kpqt"uwi i guw"8"etgf ku"qt"o tg"qh"eqwtugu"
pwo dgtgf "7222"qt"j ki j gt0Vj g"eqo r ngvkxg"i tcf g"hqt"eqwtugu"kpenwf gf "kp"c"o kpqt"o wuv'dg"D"*50['twpecvgf +"qt"
j ki j gt0

<u>Vko g"Nko ku</u>
Cn'y qtn'eqwpvgf "vqy ctf "vj g"O cuvgtøu"f gi tgg"o wuv'dg"eqo r ngvgf "f wtkpi "vj g"ugxgp"{gct"r gtkqf "ko o gf kcvgn{ "
r tgegf kpi "vj g"f cvg"vj cv'vj g"f gi tgg"ku'vq"dg"cy ctf gf 0

<u>Rwdrkecvkqp"Tgs wktgo gpv</u>
O cuvgtøu"Vj guku"uwf gpw"ctg"tgs wktgf "vq"uwdo kv'r tqqh'qh'cv'ngcuv'qpg"Iqwtpcn'ctvkeng"uwdo kwgf "vq"c"tghgtggf "
<u>Iqwtpcn0Vj ku'r tqqh'ku'f wg"cv'vj g"</u>dgi kppkpi "qh'vj g"hkpcn'vgto "cpf "uj qwf "dg"uwdo kwgf "<u>"vq</u>
<u>I TCF HQTO U"B guuke0xhn0gf w</u>

<u>Hkpcn'Gzco</u>
Hkpcn'Gzco "ku'tgs wktgf "hqt"CNN'i tcf wcvg"uwf gpw"kp"GGU0

<u>*Vj guku*</u>//"Wf qp"eqo r ngvkqp"qh"vj g"Vj guku."vj g"Uwrgtxkuqt{"Eqo o kwgg"y kn'eqpf wev'c"hkpcn'qtcn'gzco kpcvkqp."
hqewugf "r tkpekr cn{ "qp"vj g"vj guku'tgugctej ."cnj qwi j "qvj gt"tgngxcpv'qr keu"o c{ "cnuq"dg"gzco kpgf 0Vj ku'gzco kpcvkqp"
y kn'eqxgt"cv'ngcuv'vj g"ecpf kf cvgøu"hkgnf "qh'eqpegpvtcvkqp."cpf "kp"pq"ecug"o c{ "kv'dg"uej gf wgf "cctnkgt"vj cp"vj g"vgto "
r tgegf kpi "vj g"ugo guvgt"kp"y j kej "vj g"f gi tgg"ku'vq"dg"eqphgttgf 0Uwf gpw"ctg"tgur qpukdng"hqt"eqqtf kpcvkpi "y kj "
vj gkt"eqo o kwgg"o go dgtu"vq"uej gf wg"vj g"ko g"f cvg"qh"vj gkt"gzco 0Vj g"Hkpcn'Gzco kpcvkqp"hqto "r wdrkuj kpi "
ci tggo gpv'cpf "GVF "uki pcvwtg"r ci g"o wuv'dg"uwdo kwgf "vq"vj g"I tcf wcvg"Uej qqn'kp"I KO U'd{ "vj g"r wdrkuj gf "
<u>f gcf nkpgu'hqt"vj g"vgto 0Vj gug'hqto u"ctg"r tqeguugf "d{ "vj g"Cecf go ke"Qhhkeg"uvchh0Vj gtg"ku'cp"GGUG"O cuvgtøu</u>
<u>Hkpcn'Gzco "Rcengv"qp"vj g"GGU'y gdukg"wpf gt"vj g"I tcf wcvg"hqto u"ctgc0</u>

32

Hqt "\j qug'gzco kpcvkqpu't gs wktkpi "\j cv'lawf gpwu'o ggv'y kj "\j gkt "lawr gtxkuqt{ "eqo o kwggu'*g0 0 "qt cn'r qtvkqpu'qh's wcnkh{kpi "gzco kpcvkqpu."
hkpcn'f gkgpug'qh'\j g'f kuugtvcvkqp'qt '\j guku+'\j g'lawf gpw'cpf "o go dgtu'qh'\j g'eqo o kwgg"o c{'cwgpf 'kp'r gtuqp'qt 't go 'qvgn{ ."r tqxkf gf "\j cv'
cn'r ctvkekr cpvu'ctg'r tgugpv'u{pej tqpqwun{ ."cpf '\j cv'o go dgtuø'u wgukqpu'ctg'cuugf 'cpf 'cpuy gtgf 'kp'õt gcn\ko g0ö'Y kj '\j g'lawr r qtv'
 htqo "'qy gt "o go dgtu '\j g'Ej ckt "qh'\j g'lawf gpwu'cf xkuqt{ 'eqo o kwgg'ku't gur qpukdng 'hqt 'gpuwtkpi '\j g'cecf go ke'kpvgi tky 'qh'\j g'gxcnwcvkqp="
kp'r ctvkewnct '\j g'Ej ckt 'ku't gur qpukdng 'hqt 'gpuwtkpi '\j cv'\j g'lawf gpw'f qgu'pqv't gegkxg'wpcwj qtk| gf 'cuukuvcpeg'f wtkpi '\j g'gxcnwcvkqp0
Eqpukuvgpv'y kj 'I tcf wcvg'Uej qqn'i wkf gnkpgu '\j g'gzvgpf'o go dgt 'ku'ej ct i g 'y kj 'cuukuvkpi 'kp'\j ku'ghqtv .'gpuwtkpi '\j cv'\j g'gxcnwcvkqp'
ku'xcnkf 'cpf 'lckt .'cpf '\j cv'I tcf wcvg'Uej qqn'r qnkekgu'ctg'o gv0

<ins>Vj guku'Uwdo kuukqp"/ "I</ins> wkf gnkpgu'eqpegptpkpi '\j g'hqto cv'qh'\j g'\j guku'cpf 'gngevtqpke'uwdo kuukqp'tgs wktgo gpvu'ctg'
r wdnkuj gf 'd{ '\j g'I tcf wcvg'Uej qqn'Gf kwqtkcn'Qhhkeg0'Uwf gpwu'uj qwf 'tghgt'\q'\j g'hqmqy kpi 'y gduikg'hqt 'hqto cv'
tgs wktgo gpwu [jwr<1lj gm f gun0wh0gf w/lcr r rikcvkqp/uwr r qtv/egpvgt/li tcf wcvg/gf kxqtkcn/qhhkeg10](http://example)

<ins>*Pqp/Vj guku'Rtqlgev*</ins>/ "Wr qp'eqo r ngvkqp'qh'\j g'Rtqlgev'Tgr qtv.'\j g'Uwr gtxkuqt{ 'Eqo o kwgg'y kmi'eqpf wev'c "hkpcn'qtcn'
gzco kpcvkqp."hqewugf 'r tkpekr cm{'qp'\j g'r tqlgev."cm qwi j "qy gt 'tgngxcpv'qr keu'o c{'cnuq'dg'gzco kpgf0'Vj ku'
gzco kpcvkqp'y kmi'eqxgt'cv'ngcuv'\j g'ecpf kf cvgøu'hkgnf 'qh'eqpegpvcvkqp."cpf 'kp'pq 'ecug'o c{'kv'dg'uej gf wgf 'gctnkgt'
y cp'\j g'vgo 'r tqeggf kpi '\j g'ugo guvgt'kp'y j kej '\j g'f gi tgg'ku'\q'dg'eqphgttgf0'Uwf gpwu'ctg'tgur qpukdng 'hqt '
eqqtf kpcvkpi 'y kj '\j gkt 'eqo o kwgg'o go dgtu'\q'uej gf wg'\j g'ko g/f cvg'qh'\j gkt 'gzco 0'Vj g'Hkpcn'Gzco kpcvkqp'
cr r tqxcn'o wu'dg'uwdo kwgf '\q'\j g'I tcf wcvg'Uej qqn'kp'I KO U'd{'\j g'r wdnkuj gf 'f gcf nkpgu'hqt '\j g'vgto 0

<ins>*Eqwtug y qtm/Qpn{*</ins> ó'F wtkpi '\j g'hkpcn'\gto .'\j g'Hcewm{'Cf xkuqt/Uwr gtxkuqt{ 'Eqo o kwgg'Ej ckt'y kmi'eqpf wev'c "
hkpcn'gzco kpcvkqp'wukli kpi 'f gr ctvo gpvcn'[Gzkv/Kpvgtxkgy "hqto u0](http://example)'Vj g'Hkpcn'Gzco kpcvkqp'cr r tqxcn'o wu'dg"
uwdo kwgf '\q'\j g'I tcf wcvg'Uej qqn'kp'I KO U'd{'\j g'r wdnkuj gf 'f gcf nkpgu'hqt'\j g'vgto "d{'\j g'Cecf go ke'Qhhkeg'
uvchh0

Y j cv'eqwpwu'hqt 'c'O cuvgtøu'F gi tgg<

	Vj guku	P qp/Vj guku'Rtqlgev	P qp/vj guku'Eqwtugy qtm/Qpn{
Vqvcn'eqwtug'etgf ku	52	52	52
Ngwvgt'I tcf gf 'Eqwtug"etgf ku	43	46	46
Vj guku'etgf ku	Wr "\q'8	P qpg	P qpg
Rtqlgev'etgf ku	P qpg	Wr "\q'5	P qpg
Ugo kpct	Wr "\q'5	Wr "\q'5	Wr "\q'5
Rtcevkewo IKpvgtpuj kr IEq/qr	P qpg	P qpg	Wr "\q'5
Hkpcn'Gzco	[gu	[gu	[gu
Eqo o kwgg	4'o go dgtu'*Ej ckt"- "3+	4'o go dgtu'*Ej ckt"- "3+	3'o go dgt"*Ej ckt+
Cuukuvcpuj kr "gnki kdknkv{	I C"("VC	I C	P qpg

I C"? 'I tcf wcvg'Cuukuvcpv'tgugctej "

VC"? "Vgcej kpi "Cuukuvcpv

33

HKP CN'VGTO 1I TCF WCVKQP

I GPGTCN'TGS WKTGO GPVU'HQT 'CNN

Vj g"WH'I tcf wcvg''Uej qqn'I tcf wcvkqp''Ej gemkuu'ecp'dg'hqwpf 'qp'vj gkt'y gdukvg'j gtg<

j wru<1luweeguu0 tcf 0uhnQf wf 1tguqwtegu1

I tcf wcvg'uwfgpvu'ctg'tgurqpukdng'hqt'eqo r n{kpi 'y kvj 'cm'r wdnkuj gf 'f gcf nkpgu'hqt'vj g'vgto <

j wru<1i tcf 0uhnQf wlcecf go leulecnqcpfct1

XGTHHI 'FGI TGG'RTQI TCO 'KPHQTO CVKQP 'KU'EQTTGEV'KP 'I KO U<

j wru<1i tcfuej qqn0uhnQf wl ko urqtvcnli cvtkpmlr qtvcnQeur z

Kf'cp{ 'kphqto cvkqp'ku'kpeqttgev.'eqpvcev'cp'GUUKG'I tcf wcvg'Cecf go ie'uvchh'o go dgt'ko o gf kcvgn{ 0Cp{ ej cpi gu'wr f cvgu'vq'vj g'f gi tgg'r tqi tco 'qt'uwr gtxkuqt{ 'eqo o kwgg'o wuv'dg'gpvgtgf 'kpvq'I KO U'dghqtg'vj g o kf r qkpv'qh'vj g'vgto '{qw'kpvgpf 'vq'i tcf wcvg0

UWDO KV'FGI TGG'CRRNKECVKQP 'KP 'QP G0WH<

j wru<1tgi kuvtct0uhnQf wlugtxkegulf gi tggcr r

Fgitgg'ecpfkfcvgu'o wuv'eqo r ngvg'cp'qpnkpg'f gi tgg'cr r nkecvkqp'kp'QP G0WH'd{'vj g'r wdnkuj gf 'f gcf nkpg'hqt'vj g'vgto '{qw'kpvgpf 'vq'i tcf wcvg0'Uwfgpvu'o wuv'cr r n{'kp'vj g'vgto 'kp'y j kej 'vj g{'gzr gev'vq'i tcf wcvg.'tgi ctf nguu'qh'cr r nkecvkqpu'kp'r tgxkqwu'vgto u'*vj g{'fq'pqv'ectt{'qxgt'cpf 'ctg'vgto 'ur gekhke+0'Kf '{qw'o kuu'vj g'f gi tgg'cr r nkecvkqp'f gcf nkpg'kp'QP G0WH.'{qw'o wuv'cr r n{'vq'i tcf wcvg'vj g'hqmqy kpi 'vgto 0

HKP CN'VGTO 'TGI KUVTCVKQP <

Fwtkpi " vj g" vgto " vj g" hkpcn" gzco kpcvkqp" ku" i kxgp" cpf " fwtkpi " vj g" vgto " vj g" f gi tgg" ku" cy ctf gf ." c" uwfgpv" o wuv" dg" tgi kuvgtgf " hqt" cv" ngcuv" 5" etgf ku" kp" Hcm" qt" Ur tkpi " cpf " 4" etgf ku" kp" Uwo o gt" E0" Vj guku" uwfgpvu" o wuv" gptqm" kp" GP X8;93." cpf " fqevqtcn" uwfgpvu" o wuv" gptqm" kp" GP X9;:20' P qp-vj guku" r tqlgev" vtcm" uwfgpvu" o wuv" tgi kuvgt" hqt" GP X" 8;38." cpf " P qp-vj guku" uwfgpvu" o wuv" gptqm" kp" eqwtug qtm" vj cv" ecp" eqwpv" vqy ctf " vj g" i tcf wcvg" f gi tgg0' Uwfgpvu" qp" c" hgmqy uj kr ." vtckpgguj kr ." qt" cuukuvcpvuj kr " o wuv" dg" tgi kuvgtgf " cr r tqr tkcvgn{ " hqt" vj gkt" cr r qkpvo gpvu." tgi ctf nguu'qh'hkpcn'vgto " uvcwu0

I TCF G'KUUWGU

I tcf g'tguqnwkqp'hqt'cp{ 'kpeqo r ngvglr wpkvkxg'i tcf gu'o wuv'cr r gct'qp'{qwt"WH'vtcpuetkr v'y kj '"c"r cuukpi 'i tcf g" cuuki po gpv'd{ 'vj g'r wdnkuj gf 'f gcf nkpg'hqt'vj g'vgto '{qw'kpvgpf 'vq'i tcf wcvg0Ej cpi g'qh'I tcf g'hqto u'õkp " r tqeguuö'y km'pqv'ucvkuh{'vj ku'f gcf nkpg0

FGRCTVO GPVCN'GZKV'KP VGTXKGY <

Dghqtg'vj g'gpf 'qh'vj g'hkpcn'vgto .'cm'i tcf wcvg'uwfgpvu'o wuv'eqo r ngvg'vj g'Fgr ctvo gpvcn'Gzkv'Kpvgtxkgy 'hqto u0'
Vj g'Hqto u'ecp'dg'hqwpf 'j gtg0

EQO O GPEGO GPV<

Eqo o gpego gpv'f cvgu<j wru<1eqo o gpego gpv0uhnQf wl
Eqmgi g'qh'Gpi kpggtkpi 'Qtfgt'qh'vj g'Gpi kpggtkpi 'Egtgo qp{<j wru<1y y y 0gpi 0uhnQf wleqo o gpego gpvl
Ecr '("I qy p'kphqto cvkqp<j wru<1y y y 0luf 0uhnQf wlI_3E ldqqmuvqtgli tcf wcvkqp0cur

Rj F 'HKP CN'VGTO "TGS WKTGO GP VU

<u>Hcewn{ "Gueqt'hqt'I tcf wcvkqp</u>

Ki" {qw" r ncp" qp" r ctvkekrcvkpi " kp" yjg" itcfwcvkqp" egtgo qp{." {qw" y kn" pggf" vq" kfgpvkf{" c" hcewn{" gueqtv0" Vjku" kphqto cvkqp" pggfu" vq" dg" uwdo kwgf" vq" c" uvchh" o go dgt" kp" yj[g" I tcfwcv" Cecfgo ke" Qhhkeg](#) dghqtg" yjg" o kfr qkpv' fcvg0

<u>Vtcpuo kwcn'Ngwgt</u>

Vjg" Vtcpuo kwcn' Ngwgt" o wuv" dg" uwdo kwgf" vq" yjg" I tcfwcvg" Uejqqn' kp" I KO U" d{" yjg" rwdnkujgf " fgcfnkpgu" hqt" yjg" vgto 0

[qw" y kn' pggf " vq" tgswguv" yjku" dg" igpgtcvgf0' [qw' ecp" ugpf" cp" go ckn' [vq" I TCF HQTO U B guuig0vhn0gfw](#)" cpf " yjg" hqto " y kn' dg" igpgtcvgf0' Ki" y kn' dg" go ckngf" vq" {qw" hqt" {qw" vq" eqqtfkpcvg" {qwt" hcewn{" cfxkuqt0u" ukipcwtg0" Qpeg" yjg" crrtqxgf" hqto " ku" tgegkxgf." yjg" I tcfwcvg" Cecfgo ke" Qhhkeg" y kn' rtqeguu" {qwt" rcrgty qtm' y kj " yjg" I tcfwcvg" Uejqqn'cpf 'wrfcvg'I KO U'ceeqtfkpin{0

<u>Hkpcn'Gzco</u>

Uwfgpvu" ctg" tgurqpukdng" hqt" eqqtfkpcvkpi " y kj " yjgkt" Eqo o kwgg" O go dgtu" vq" uejgfwng" yjg" ko g'fcvg" qh" yjgkt" gzco 0" Vjg" GUUKG" Rj F" Hkpcn' Gzco kpcvkqp" r cemgv" ecp" dg" qdvckpgf" yjtqwij " yj[g" I tcfwcvg" Hqto u" ctgc"](#) qp" yjg" GUUKG" y gdukvg0" Qpeg" cn' hqto u" jcxg" dggp" ukipgf" d{" yjg" uwfgpvu" eqo o kwgg." yjg" I tcfwcvg" Cecfgo ke" Qhhkeg'uvchh'y kn'yjgp'rtqeguu'yjg'hqto u'kp'yjg'u{uvgo "d{'yjg'rwdnkujgf 'fgcfnkpgu'hqt'yjg'vgto 0

*Hqt 'yjqug 'gzco kpcvkqpu't gswktkpi "yjcv'uwfgpvu'o ggv'y kj "yjgkt 'uwr gtxkuqt{'eqo o kwggu'*g0 0'qtcn'r qtvkqpu'qh's wcnkf{kpi "gzco kpcvkqpu." hkpcn'f ghgpug'qh'yjg'f kuugtvcvkqp'qt 'yjguku+'yjg'uwfgpv'cpf 'o go dgtu'qh'yjg'eqo o kwgg'o c{ 'cwgpf "kp'r gtuqp'qt 't go qvgn{,'rtqxkfgf 'yjcv' cn'r ctvkekrcpvu'ctg'r tgugpv'u{pej tqpqwun{ .'cpf 'yjcv'o go dgtu0'u wgukqpu'ctg'cunkf "cpf 'cpuy gtgf "kp'O1gcn'ko g0'Y kj "yjg'uwr r qtv' htqo "qyjgt 'o go dgtu.'yjg'Ej ckt 'qh'yjg'uwfgpv0u'cfxkuqt{'eqo o kwgg'ku't gurqpukdng'hqt 'gpuwtkpi "yjg'cecfgo ke'kpvgitkv{'qh'yjg'gxcnwcvkqp="kp'r ctvkewnct.'yjg'Ej ckt 'ku't gurqpukdng'hqt 'gpuwtkpi "yjcv'yjg'uwfgpv'fqgu'pqv'tgegkxg'kpcr r tqr tkcvg'cuukucpeg'f wtkpi "yjg'gxcnwcvkqp0' Eqpukugpv'y kj 'I tcfwcvg'Uejqqn' wkfgnkpgu.'yjg'gzvgtpcn'o go dgt 'ku'ej ctgf "y kj "cuukukpi "kp'yjku'ghfqtv.'gpuwtkpi "yjcv'yjg'gxcnwcvkqp' ku'xcnkf "cpf "hckt .'cpf "yjcv'I tcfwcvg'Uejqqn'r qnkekgu'ctg'o gv0*

<u>F kuugtvcvkqp"Uwdo kuukqp</u>

I wkfgnkpgu" eqpegtpkpi " yjg" hqto cv" qh" yjg" fkuugtvcvkqp" cpf" gngetqpke" uwdo kuukqp" tgswktgo gpvu" ctg" rwdnkujgf " d{" yj[g" I tcfwcvg" Uejqqn' Gfkiqtkcn' Qhhkeg0](#)' Uwfgpvu" uj qwnf" tghgt" vq" yjg" hqnqy kpi " y gdukg" hqt" hqto cv' tgswktgo gpvu<" [j wr ://j gm.gfun0vhn0gfw/rr nkecvkqp/uwr r qtv/egpvgt/j tcfwcvg/gfkiqtkcn/qhfkeg/0"](#)Hkpcn" uwdo kuukqp" qh" yjg" eqttgevgf "yj guku.o wuv'dg'eqo r ngvgf "d{ "yjg'rwdnkujgf "fgcfnkpgu'hqt'yjg'vgto 0

O G1O U'Vj guku'HKP CN'VGTO "TGS WKTGO GP VU

<u>Rwdnkecvkqp"Tgswktgo gpv</u>
Vj guku" uwfgpvu" ctg" tgswktgf " vq" uwdo kv" r tqqh" qh" cv" ngcuv' qpg" lqwtpcn' ctvkeng" uwdo kvgf " vq" c" tghgtggf" lqwtpcn0' Vjku" rtqqh" ku" f wg"cv'yjg'o kfr qkpv'qh'yjg'hkpcn'vgto "xkc"go ckn'vq"[I TCF HQTO U B guukg0vhn0gfw](#)

<u>Hkpcn'Gzco</u>

Uwfgpvu'ctg'tgurqpukdng'hqt'eqqtfkpcvkpi "y kj "yjgkt'Eqo o kwgg'O go dgtu'vq"uejgfwng"yjg'ko g'fcvg'qh'yjgkt' gzco 0'Vjg'GUUKG'O cuvgt0u'Hkpcn'Gzco kpcvkqp'r cemgv'ecp'dg'qdvckpgf "yjtqwij "yj[g'I tcfwcvg'Hqto u'ctgc](#)"qp"yjg" GUUKG'y gdukg0'Qpeg'cn'hqto u'jcxg'dggp'ukipgf "d{ "yjg'uwfgpvu'eqo o kwgg.'yjg'Cecfgo ke'Qhhkeg'uvchh'y kn' yjgp'rtqeguu'yjg'hqto u'kp'yjg'u{uvgo "d{ "yjg'rwdnkujgf "fgcfnkpgu'hqt'yjg'vgto 0

*Hqt "\j qug "gzco kpcvkqpu't gs wktkpi "\j cv'\uwf gpvu'o ggv'y kj "\j gkt "\uwr gt xkuqt{ "eqo o kwggu"*g0 0 "qt cn'r qt vkqpu'qh'swcnkh{kpi "gzco kpcvkqpu."*
kpcn'f ghgpug "qh'\j g'f kuugt vcvkqp"qt "\j guku+'\j g'\uwf gpv'cpf "o go dgtu"qh'\j g'eqo o kwgg "o c{ "cwgpf "kp'õt gtuqp"qt 't go qvgn{ ."r tqxkf gf "\j cv'
cnl'r ct vkekr cpvu'ct g'r tgugpv'u{pej tqpqwun{ ."cpf "\j cv'o go dgtuø's wguukqpu'ct g"cungf "cpf "cpuy gt gf "kp"õt gcn\ko g0õ"Y kj "\j g'\uwr qtv"
ft qo "qyj gt "o go dgtu."\j g'Ej ckt "qh'\j g'\uwf gpvøu'cf xkuqt{ "eqo o kwgg "ku't gur qpukdng "fqt "gpuwtkpi "\j g'cecf go ke'kpvgi tkv{ "qh'\j g'gxcnwcvkqp=
kp'r ct vkewnct. "\j g'Ej ckt "ku't gur qpukdng "fqt "gpuwtkpi "\j cv'\j g'\uwf gpv'f qgu'pqv't gegkxg "wpcwyqtk|gf "cuukuvcpeg'f wtkpi "\j g'gxcnwcvkqp0
Eqpukuvgpv'y kj "T cf wcvg "Uej qqn'i wkf gnkpgu."\j g'gzvgtpcn'o go dgt "ku'ej ct i gf "y kj "cuukuvkpi "kp'\j ku'ghfqtv. "gpuwtkpi "\j cv"\j g'gxcnwcvkqp"
ku'xcnkf "cpf 'faikt. "cpf "\j cv'T cf wcvg "Uej qqn'r qnkekgu'ct g"o gv0

<u>Vj guku'Uwdo kuukqp</u>

I wkf gnkpgu "eqpegtpkpi " \j g "fqto cv " qh" \j g "f kuugtvcvkqp" cpf " gngevtqpke "uwdo kuukqp "tgs wktgo gpvu "ctg "r wdnkuj gf " d{ "
\j g" <u>I cf wcvg" Uej qqn' Gf kvqtkcn' Qhhkeg0</u>'" Uwf gpvu" uj qwnf " tghgt " vq " \j g "fqmoy kpi " y gdukg" fqt " fqto cv' tgs wktgo gpvu<
<u>j ur <1lj grr f gun0hrwf0wh0f wr r nkecvkqp/uwr r qtv/egpvgt i cf wcvg/gf kvqtkcn/qhhkeg0'</u>" Hkpcn'" uwdo kuukqp" qh" \j g"
eqttgevgf "\j guku'o wuv'dg "eqo r ngvgf "d{ "\j g'r wdnkuj gf "f gcf nkpgu'hqt'\j g'\gto 0

O G10O UP QP /VJ GUKU'Rtqlgev'HKP CN'VGTO "TGS WKTGO GP VU

<u>Hkpcn'Gzco </u>

Uwf gpvu" ctg "tgur qpukdng "fqt "eqqtf kpcvkpi " y kj "\j gkt " Eqo o kwgg "O go dgtu" vq " uej gf wng "\j g "ko glf cv "qh" \j gkt "
gzco 0' Vj g" GUUKG" O cuvgtøu" Hkpcn' Gzco kpcvkqp" r cemgv" ecp" dg" qdvckpgf " \j tqwi j " \j g' I cf wcvg" Hqto u" ctgc"
qp" \j g" GUUKG" y gdukg0' Qpeg" cnl" fqto u" j cxg" dggp" ukipgf " d{ " \j g" uwf gpvøu" eqo o kwgg. "\j g" Cecf go ke" Qhhkeg"
uvchh'y knl'\j gp'r tqeguu'\j g'hqto u'kp'\j g'u{uvgo "d{ "\j g'r wdnkuj gf "f gcf nkpgu'hqt'\j g'\gto 0

*Hqt "\j qug "gzco kpcvkqpu't gs wktkpi "\j cv'\uwf gpvu'o ggv'y kj "\j gkt "\uwr gt xkuqt{ "eqo o kwggu"*g0 0 "qt cn'r qt vkqpu'qh'swcnkh{kpi "*
gzco kpcvkqpu."kpcn'f ghgpug "qh'\j g'f kuugt vcvkqp"qt "\j guku+'\j g'\uwf gpv'cpf "o go dgtu'qh'\j g'eqo o kwgg'o c{ "cwgpf "kp'r gtuqp"qt 't go qvgn{ ."
r tqxkf gf "\j cv'cnl'r ct vkekr cpvu'ctg'r tgugpv'u{pej tqpqwun{ ."cpf "\j cv'o go dgtuø's wguukqpu'ctg'cungf "cpf "cpuy gt gf "kp'õt gcn\ko g0õ"Y kj "
\j g'\uwr qtv'ft qo "qyj gt "o go dgtu."\j g'Ej ckt "qh'\j g'\uwf gpvøu'cf xkuqt{ "eqo o kwgg "ku't gur qpukdng "fqt "gpuwtkpi "\j g'cecf go ke'kpvgi tkv{ "qh'\j g'
gxcnwcvkqp="kp'r ct vkewnct. "\j g'Ej ckt "ku't gur qpukdng "fqt "gpuwtkpi "\j cv'\j g'\uwf gpv'f qgu'pqv't gegkxg "wpcwyqtk|gf "cuukuvcpeg'f wtkpi "\j g'
gxcnwcvkqp0Eqpukuvgpv'y kj "T cf wcvg "Uej qqn'i wkf gnkpgu."\j g'gzvgtpcn'o go dgt "ku'ej ct i gf "y kj "cuukuvkpi "kp'\j ku'ghfqtv. "gpuwtkpi "\j cv"
\j g'gxcnwcvkqp'ku'xcnkf "cpf 'faikt. "cpf "\j cv'T cf wcvg "Uej qqn'r qnkekgu'ctg'o gv0$

O G10O UP QP /VJ GUKU'Eqwtugy qtmlQpn{ 'HKP CN'VGTO "TGS WKTGO GP VU

<u>Hkpcn'Gzco </u>

Vj g" Hkpcn' Gzco kpcvkqp" ku" tgs wktgf "hqt "CNN" i tcf wcvg "uwf gpvu "kp" GGU. "cpf "cr r tqxcn" o wuv" dg "uwdo kwgf "vq "\j g"
I tcf wcvg "Uej qqn'kp'I KO U" d{ "\j g'r wdnkuj gf "f gcf nkpgu'hqt "\j g'vgto 0' Rngcug "eqpuwn'" {qwt "fcewn{ "cf xkuqt "fqt "fwtyj gt"
kpuvtwevkqp0

[qwt "fcewn{ "cf xkuqt "y knl'pqvkf{ "\j g'Cecf go ke"Qhhkeg "qpeg "{qwt "Hkpcn'gzco " j cu"dggp "cr r tqxgf0' Qpeg "pqvkhkecvkqp"
j cu"dggp "tgegkxgf. "\j g'Cecf go ke"Qhhkeg "y knl'eqo r ngvg "{qwt "r cr gty qtm'y kj "\j g'I tcf wcvg "Uej qqn'cpf "wr f cvg"
I KO U'ceeqtf kpin{0

HKP CP EKCN'O CVVGTU

S wcnkhkgf "i tcf wcvg "uwf gpvu "ctg "gnki kdng "hqt "cuukuvcpuj kr u "cpf "qyj gt "hkpcpekcn'cy ctfu0Uwf gpvu "ctg "gpeqwtci gf "vq "ur gcn'y kj "yj g "hcewnv{ "eqpegtpkpi "tgugctej "r tqlgevu "cpf "cuukuvcpuj kr u0

NGVVGTU'QH'QHHGT 'CPF 'CRRQKP VO GP V

Y j gp "{qw'j cxg "dggp "cy ctfgf "cp "cuukuvcpuj kr ."c "ngvgt "qh'qhhgt "y kn'dg "i kxgp "vq "{qw0Vj ku "o uv'dg "uki pgf "cpf "tgwtpgf "vq "vj g "f gr ctvo gpv'hqt 'r tqeguukpi 0[qw'y kn'gp "tgegkxg "c "Ngvgt "qh'Crr qkp gpv0Vj ku "ngwgt "eqpvckpu "yj g "f guetkr vkqp "qh'yj g "i tcf wcvg "cuukuvcpv'uctct{ ."ghhgevkxg "f cvgu 'qh'cr r qkpvo gpv. 'uwr gtxkuqt "cpf "lqd 'f wkgu0Vj g "Ngwgt "qh'Cr r qkp gpv'o uv'dg "uki pgf "d{ "yj g "uwr gtxkuqt "cpf "uwf gpv0Vj g "cr r qkp gpv'o uv'dg "uki pgf "d{ "yj g "kpuvtwevkqp 'qh'yj g "hcewnv{ "o go dgt0Kh'yj gtg "ku 'cp "gttqt "qp "yj g "Ngwgt "qh'Cr r qkp gpv. 'r ngcug "pqvkh{ "GUUKG''J T "uvchh'uq "yj g{ "ecp "ej gem'qp "kv'cpf "o cng "cp{ "pgeguuct{ "ej cpi gu0

UKI P 'WR 'HQT 'RC[TQNN

Kp "qtf gt "vq "tgegkxg "c "r c{ej gem "{qw'o uv'dg "uki pgf "wr "qp "r c{tqn0'GUUKG''J T "uvchh'y kn'ugpf "{qw'cp "go ckn'y kj "kpuvtwevkqpu "tgi ctf kpi "tgs wktgf "j ktg "f qewo gpv "cpf "cevkqpu0'Vj g "tgs wktgf "f qewo gpv "kpenwf g "c "WUU0'uqekcn'ugewtkv{ "ectf 0'Kpvgtpcvkqpcn'uwf gpvu "y kj qw'c "uqekcn'ugewtkv{ "ectf "y kn'dg "i kxgp "c "vgo r qtct{ "pwo dgt "cpf "y kn'gxgpvwcn{ "pggf "vq "cr r n{ "hqt 'qpg0

VWKVKQP 'Y CKXGT 'CPF 'HGGU

[qwt'wkvkqp "y kn'dg "r ckf "hqt "; "ugo guvgt 'etgf kv'j qwtu 'kp "yj g 'Hcnl'cpf "Ur tkpi .'8 'kp "yj g 'Uwo o gt0[qwt'wkvkqp "y ckgt 'y kn'twp 'chvgt 'F tqr 1Cf f 0[qw'ctg 'tgur qpukdng 'hqt 'r c{kpi "{qwt'hggu 'yj cv'ecp "dg 'xkgy gf "
j wr u<11ehq0whf0gf wluwf gpv1hkpcpekcn1tguqwtegulewttgpv1cpf 1hqto gt1uwf gpvu14247148/cecf go le/{gct 1wkvkqp/cpf /
hggu0Vj gtg 'o c{'dg 'c 'f gnc{'kp 'yj g 'r tqeguukpi 'qh'{qwt'wkvkqp "y ckgt 'uq 'r c 'c 'uo cn'co qwpv'qh'hggu'dghqtg 'yj g 'f gcf nkpg0Hcknwtg 'vq 'o ggv'yj gug 'f gcf nkpgu 'eqwf 'tguwnv'kp "{qw'dgkpi "ej cti gf 'c '&322022 'ncvg 'hgg0

Vwkvkqp "y ckxgtu'y kn'dg 'xqkf gf "kh'yj g 'cr r qkpvo gpv'vgto kpcvgu'dghqtg 'yj g 'gpf 'qh'yj g 'ugo guvgt.'qt 'yj g 'uwf gpv'y kj f tcy u 'htqo "yj g 'Wpkxgtuky0Kh'yj g 'wkvkqp "y ckgt 'ku 'xqkf gf .'yj g 'uwf gpv'ku 'tgur qpukdng 'hqt 'yj g 'gpvktg 'co qwpv'qh'wkvkqp 'cpf 'hggu0

GXCNWCVKQP U

Kl'ku 'tgs wktgf 'd{ 'yj g 'I tcf wcvg 'Uej qqn'yj cv'cp {'uwf gpv'j qnf kpi 'cp 'cuukuvcpuj kr 'j cxg 'c 'lqd 'r gthqto cpeg 'gxcnwcvkqp 'f wtkpi "yj g 'eqpvtcev'r gtkqf 'cu 'uvcvgf 'kp 'yj g 'Ngwgt 'qh'Cr r qkpvo gpv0Uwf gpvu 'cpf 'hcewnv{ 'uwr gtxkuqtu 'ctg "tgs wktgf "vq 'uki p 'yj g 'r gthqto cpeg 'gxcnwcvkqp 'cpf 'tgwtp 'vq 'GUUKG''J T0

KP VGTP CVKQP CN'UVWF GP VU

Kl'{qwt'xkuc 'gzr ktgu. 'wpf gt 'pq 'ektewo uvcpegu 'ecp "{qw'dg 'r ckf 'pqt 'ecp "{qw'j cxg 'c 'uwkvkqp 'hgg 'y ckgt0'Kpvgtpcvkqpcn'uwf gpvu 'j qnf kpi 'cp 'H/3'xkuc 'o c{'pqv'y qtm'o qtg 'yj cp 'c 'vqvcn'qh'42 'j qwtu 'r gt 'y ggm0Vj ku 'ku 'yj g 'vqvcn'qh'cnl'cr r qkpvo gpvu0Kp 'cf f kvkqp. 'uwf gpvu 'j qnf kpi 'cp 'H/3'xkuc 'o c{'pqv'y qtm'qhh'eco r wu0

Tgxkugf ": 07047