ACADEMIC A

Aecf go { qh cpci go gpvJqwtpcn

JqwtpcnqhArrrkgf u{ej qrqi {

gtuqppgn u{ej qrqi {, 75,

Jawt pcnahArrnkgf u{ej anqi {, 107,

Jawtpen qh ti epk/cvkqpen

Bgj cxkqt, 43,

ti cpk/cvkqpcn gugctej gyj qf u, 25,

JqwtpcnqhArrnkgf u{ej qnqi {, 106,

ti cpk/cvkqpen_gugetej _ gyj qf u, 24,

Ftqpvkgtukp u{ej qrqi {, 12,

```
JqwtpcnqhArrnkgf u{ej qnqi {,
102,
             ( j g new yj t gg cwwj qt u eqp vt kdwygf gs wemf vq yj ku r er gt)
                                    Jawtpenah cpci go gpv, 43,
                                                                                   Jqwt pcn qh
Arrnkgf u{ej qnqi {, 101
                                               u{ej qrqi kecn gvj qf u, 21,
                                                                                 Jawtpen qh
 ti cpk/cvkqpcnBgj cxkqt, 37,
                                                ul ej qrqi kecnBwrqykp, 142,
 ti cpk/cvkqpcn gugctej gyj qf u, 19, . .
Ftqpvkgtukp u{ej qrqi {, 6,
                           ti cpk/cvkqp ekgpeg, 26,
                                       71 KNHgcfgHyDrGHollythyK125S 4XDUWHUO\
             JqwtpcnqhArrnkgf u{ej qnqi {, 99,
                                                ( j tgg cwj qtu eqpvtkdwyf gswcm{ vq
yj kurcrgt)
                                  ROH
                                                                Jawt pcnqhArrnkgf u{ej qnqi {,
98,
```

$j g p c w t g q h n g c f g t u j k r (2^{p f} g f.)$

j g j cpf dqqmqhtgugctej qp vqr o cpci go gpv vgco u

Gnqdcnqti cpk/kpi f guki pu: qn 3 N

Ngcf gt uj kr

3

CE ngcf gtuj kr cpf i gpf gt rtgf kev gttqt

cxgtukqp ewnwtg cpf htto rgthqtocpeg.

Atg y g qp yj g uco g ulf g? Elhgew qh

ngcf gt-hqnqy gt eqpi twgpeg kp qxgtswcnklkecvkqp.

Fkto-ngxgn qweqo gu qh CE

vtcpucevkapcnrgcfgtujkr: jgtang ahgttat cxgtukap ewnwtgcpfCE i gpfgt.

Ngcf kpi d{ ugtxkpi : A vy q-ngxgn ncvgpv

i tqy yj o qf gn qh ugtxcpv ngcf gtuj kr.

j ctgf ngcf gtuj kr cpf vgco etgcvkxg

rgthqtocpeg: Ezcokpkpi hqtocn ngcfgtuø egpvtcnk{{ Epf!

•

j ctgf ngcfgtuj kr cpf vgco rgthqtocpeg:

j g o qf gtckpi ghgevu qhf go qi tcrj ke hcwndpgu.

ctekukuo, cdwukxg uwr gtxkukap erko cvg,

cpf vgco ghgevkxgpguu: guskpi c o gf kcvkqp o qf gn

gu, rtqcevkxg, dww ctg vj g{ j crr{? Iphwgpegu qh rtqcevkxg rgtuqpcrkv{ qp f ckn{ y gnn-dgkpi cpf lqd ucvkulcevkqp ej cpi g.

Dgeqo rqukpi kpvgt cevkqp ghlgevu kp

o wnkrgxgn uit weint en gs werkap o af gru

Ggpgske cpf gpxktqpo gpvcnkphwgpeg

qp lqd ucvkulr evkqp ej cpi g: A yi tgg-y cxg mpi kwf kpcnvy kp uwf {.

j g tqng qhcHgev

cpf etgcvkxg dgj cxkqt kp vj g hggf dcenór gthqt o cpeg tgrcvkqpuj kr.

pf gtuvcpf kpi cpf o gcumt kpi

ngcf gt ceeqwpvcdkrkv{ kp qti cpk| cvkqpu

Af{pcoke o wnkngxgnuwf{qh

kpuqo pkc cpf ngcf gt go gti gpeg.

gf weckqp j gnr?

j cv ϕ u tgpf kpi cvy qtm Nqpi kwf kpcny qtmqteqteu.

A o gw-cpcn uku qp y qo gpøn uqekenpgvy qtmrqukkqpu: Dqgu

j gp cpf j qy f qgu kpvt kpuke o qvkxcvkqp gpj cpeg etgcvkxk{? j g o gf kcvkpi tqng qhetgcvkxg i qcnu cpf o qf gtcvkpi tqng qhgzvt kpuke o qvkxcvkqp.

DkHgtgpvkcvgf ngcfgtuj kr cpf kpfkxkfwcncpf

vgco etgcvkxk{: jgownk-ngxgnoqfgtcvkpi ghlgevqhvgcouqekcnkpvgitcvkqp.

Cqi pkkxg cpf chgevkxg cpvgegf gpvu qh hqnqy gtuø

st c pulqt o cskqpcn ngcf gt uj kr r gt e gr skqpu.

H{rqvj guk|kpi cpf vgukpi o wnkngxgn

o qf gt cvkqp: Iuwygu cpf t geqo o gpf cvkqpu.

Hgrrkpi wpgo rm{gf kpf kxkf wcnu i gv dcem

ti cpk/cvkqpcnBgj cxkqt

GrqdcnNgcf gtuj kr kp c Cqo rngz qtrf
kpf hwnNgcf gtuj kr
ti cpk/cvkqp Bgj cxkqt

Ngcf kpi gqrng, gco u cpf ti cpk/cvkqpu

cpci go gpvqhGtqwru