

Submit your solution on the form at <http://www.cipher.maths.soton.ac.uk/entryform.php>

### **National Cipher Challenge Challenge 1 part A, 9/25/08 10:47**

Ug Lmiz Akwdmtt,

Nwttweqvo bpm uwab zmozmbbijtm makixm wn Omvmzit Awctb'a izug bpzwcop bpm pqtta bw bpm vwzbp qb qa bpm ivwvcvkm qvbm vbqvw wn Tqmcbmvbivb Omvmzit Aqz Izbpcz Emttmatmg bw ziqam i kwzxa wn Uwcvbml Ocqlma, abinnml jg twkit aguxibpqhmza ivl tml jg wcz wev wnnqkmza. Q pidm bw lmaqzm bpib gwc eqtt jm xtmiaml bw iaacum bpm kwuuiwl wn bpqa nwzkm, ivl bw kizzg qvbw mnnmkb ackp qvabzckbqwva ia gwc uig zmkmqdm. Gwc eqtt jm iaaqabml qv bpqa bias jg nwc z tqmcbmvbivba ivl nwc kwzvmba ia kwuuqaaqwvml wnnqkmza, ivl xzwuwbml bw laaqabivb Ycizbmzuiabmz Omvmzit, i uwab zqkptg Imamzdml xzwuwbqvw. Qb qa itaw ug qvbm vbqvw bw uism ug abzwvomab zmkwuumvlibqvw bpib gwc apwctl jm xzwuwbml bw Uirwz, bpwcp ia gwc izm ieizm bpm xwemz wn ixwqvbqvo bw kwuuqaaqwva qa vwb dmabml qv um.

Gwc ivl gwcz abinn izm lqzmkmbml bw smmx i Rwczvit, wz wbpnz umuwzivcu, Imakzqxbqdm wn bpm uwdmumvba wn bpm mvmug bzwwxa, ivl wkkczmvkma qv epqkp bpmg izm mvoioml; ia itaw, gwc apwctl bism ivl kwttmkb xtiva wn bpm zwila, zqdmza, jzqloma, ambbtmumvba, xwaqbbqwva, wz nwzbqmqml xtikma, qv epqkp bpm bzwwxa uig jm.

Q lw pidm wvm wbpnz uwzm lmtqkibm iaaqovumvb nwz gwc, epqkp uig mfkqbm gwcz qvbmzmab. Bpm Nzmvkp cam wn nqmtl kqxpma qa nzcabzibqvo wcz ackkmaa qv qvbmzkmxbqvo bpmqz kwuucvqkibqwva. Q ewctl jm uwab ozibmct qn gwc ewctl bczv gwcz xizbqkctiz ibbm vbqvw bw bpm ibbikpml umuwzivcu epqkp Q pwxm uig oqdm ca awum qvlqkibqvw wn bpmqz qvbm vbqvw, apwctl qb gqmtl bw gwcz nwzmvaqk akzcbqvg.

Gwcz mbk Uczzig.

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## National Cipher Challenge Challenge 1 part B, 9/25/08 10:47

je wuduhqb beyiied vhec jxu xqdt ev cqhixqb iekbj

jxu raijbu je iuskhu ekh hekju dehjx jxhekwx jxu cekdjydydi xqi ixemd sbuqhbo jxqj mu ckij dej kdtuhuijycqju jxu huieblu qdt ydyjyqjylu ev mubbuibuo qdt xyi evvysuhi. jxu huqhkwqht qsjyed qj iqbqbcetu sqcu sbeiu je q fxohhys lysjeho mxud jxu rhyjyix, myjx fehjkwuiu ikffehj, qjjucfjut je iqrejquw jxu rhytwu qj fedju delq. ulud mxud mu hujeea jxu rhytwu, jxu sebbqfiu ev ekh huqhkwqht but je cqdo beiiui, qdt mu muhu bksao jxqj ekh fkhikuhi cyiiut jxu dqnhem heqt jxqj mu jeea ekj ev jxu lqbbuo.

yj yi sbuqh jxqj seccqdt ev jheefi yi ev iusedtqho ycfehjqdsu je seccqdt ev jxu heqti, rhytwui qdt ejxuh ijhqjuwys erzusjylui qdt jxyi fqbu yd iywdyvysqdsu je adembutwu ev ekh uducyui' ydjudyedi. je jxyi udt oek qhu seccqdtut je iuskhu q dujmeha ev besqb iocfqjxypuhi, qvhqdsuiqtei, mxe mybb qiiyij ki yd cqffydw jxu juhhyd qdt yd wqxuhydw ydjubbywudsu sedsuhdydw jxu celucudj qdt tyifeiyjyedi ev jxu rhyjyix jheefi.

ekh vyhij weqb ckij ru je reijbu kf jxu rhyjyix qhco myjxyd fehjkwqb, qdt je besqju jxuyh vehsui. mu xqlu ikfuhyehyjo ev dkcruhi qdt ckij jqau jxu ydyjyqjylu yd udwqwydw myjx jxuyh vehsui ruvehu jxuo sqd udjhudsx qdt cekdj q vkbb qiiqkbj. jxu qvhqdsuiqtei mybb fbqo qd ycfehjqdj hebu yd besqjydw jxuc, qdt oek ixekbt cqau jxuyh hushkyjcdj qdt jhqydydw oekh xywxuij fhyehyjo.

lylu bq vhaqdsu

cqhixqb iekbj