## NLNCSA Xmas Puzzle 2010

The years can't hurt him<br>He knows the magic that makes images<br>He don't look rich<br>But it seems there's forbidden treasures And he's the one who knows the secret way



This is the unofficial NLNCSA Xmas Puzzle of 2010 containing nine cryptic exercises. In order to solve an exercise the text may first need to be decrypted. For this decryption (the solution of) previous exercises may prove to be the key to succes.

As usual the XMas puzzle is divided into two parts. The first part consists of the exercises 1-4. The answer to exercise 4 is the solution to the first part. The second part consists of the exercises 5-9 and may look a bit harder. The answer to exercise 9 is the solution to the second part.

Ultimately the winner is the one to first provide a correct solution to both parts of the puzzle. Kudos to anyone who answers both parts correctly and in time. You are also kindly urged to hand in partial solutions among those solving at least the first part a prize will be drawn. You may enter alone or in cooperation with others to tackle the nine exercises.

The deadline for handing in (partial) solutions is
januari 14th 2011 at 12:00 (+1 GMT). Solutions should be send to n.bv.kp2010@gmail.com.

Look and read carefully - do not miss a clue. All exercises can be solved with just pencil and paper; no computer is required although of course a computer may be used. In the latter case CrypTool (available free of charge) is a nice software tool to use since it allows for easy playing with classic ciphers.

Good luck, have fun and from the NLNCSA all the best wishes for 2011!

## 1

2

| $P$ | $R$ | $O$ | $A$ | $E$ | $S$ | $N$ | $N$ | $A$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $K$ | $I$ | $K$ | $R$ | $P$ | 6 | $S$ | $D$ | 7 |
| $R$ | $N$ | $O$ | $E$ | $L$ | $L$ | $C$ | $G$ | $F$ |
| $I$ | $E$ | $I$ | $N$ | $Y$ | $D$ | $U$ | $H$ | $L$ |
| $E$ | $N$ | $M$ | $G$ | $S$ | $A$ | $C$ | $G$ | $E$ |
| $S$ | $T$ | $D$ | $A$ | $T$ | $T$ | $Y$ | $H$ | $G$ |
| E | $S$ | $T$ | $H$ | $I$ | $A$ | $H$ | $F$ | $A$ |
| $M$ | $S$ | $T$ | $E$ | $T$ | $N$ | $K$ | $E$ | $A$ |
| $I$ | $W$ | $T$ | $H$ | $R$ | $A$ | $I$ | $E$ | 1 |

3


YFVBG OAWTG SVULV UUVXN TGMPU FPBBD HYDKB XEBPM
HLMBD KMYKF SKVEM VPTSB TGBXT LSDKT

HSKS SHVZ UDXNK LDUA BXNKS UDX QPOF TVE DVLVV LNUE TMTL FDU SIVE TKTM

5
NMREZ ILMEI OGRIO EZINE LENNR NOILN LILER EONRN OINEL GZEZI RILIL INNZM RANEO EZERI ZILIO GONNE OINEZ GOGNN NELM

FCESE FN3WR RTNET 1NOHX TMTWI SEORS TETII EUH6H SOEOK TEEAC ENG1X CIWB8 OHQIH ICT

6
PGARX GRZTR IRFZK MTKBR IIWWT TLARC AVLLW ELNNF TFJYN ZBOCI IZVCD CIAOY HVQC

7
8451026081497007417487939342845120489738 12584153897308451816492067491322494016

8
XBFTO EOTFZ FFFOU SPILO NGJPU TAUZZ BAHBK IMKKE ZOQAB KRYPQ AJMCH PTLON MQCYY OXAVK FDDXL AZD

9

| Q | Y | 2 | Q | F | U | 1 | 3 | Z | B | L | S | 1 | S | W | A | 4 | 2 | 0 | B | P |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| X | 5 | 5 | E | S | R | L | R | A | N | 0 | E | L | K | K | T | A | 5 | X | 7 | M |
| L | G | L | 0 | L | 0 | M | D | 1 | 0 | H | 0 | A | E | Y | I | 0 | G | 7 | M | U |
| L | I | C | R | U | 5 | 3 | $\bigcirc$ | W | Q | 7 | 4 | W | 5 | 4 | R | U | H | Q | G | J |
| X | H | Y | E | Z | I | 6 | D | A | 4 | T | Y | Q | T | S | 0 | Y | 0 | L | 0 | S |
| 2 | E | Z | N | Q | C | N | I | V | 3 | 0 | B | 3 | G | E | N | 4 | C | 2 | T | S |
| F | A | P | 6 | Y | F | 8 | 3 | P | 9 | M | B | 8 | Y | 8 | J | S | 4 | U | S | U |
| A | 0 | C | 7 | A | R | X | I | A | C | H | E | L | H | T | I | M | R | R | 5 | M |
| M | G | 6 | Q | U | E | U | R | F | 2 | 1 | 5 | 6 | C | Q | 6 | P | 0 | 4 | C | 9 |
| 1 | I | H | S | 2 | X | K | A | Y | J | K | T | A | R | N | E | 3 | R | 0 | T | A |
| 0 | N | V | A | 8 | 1 | 7 | L | 2 | S | P | I | W | G | L | D | S | S | U | I | V |
| V | E | K | N | J | 6 | H | P | 0 | 0 | T | 0 | S | 7 | 0 | G | L | I | T | R | U |
| 1 | B | W | U | L | 1 | 8 | 0 | 3 | 3 | 9 | 8 | W | Z | F | F | 9 | V | A | Z | 9 |

